Volume calculator

There was no volume calculator prepared when the spill occurred.

Incident Number: nKL1626529955



Release Assessment and Closure

Lynx Federal 1

Unit O, Section 15, Township 17 South, Range 32 East

API: 30-025-27861

County: Lea

Vertex File Number: 23E-02964

Prepared for:

Devon Energy Production Company, LP

Prepared by:

Vertex Resource Services Inc.

Date:

June 2024

Release Assessment and Closure June 2024

Release Assessment and Closure

Lynx Federal 1

Unit O, Section 15, Township 17 South, Range 32 East

API: 30-025-27861

County: Lea

Prepared for:

Devon Energy Production Company, LP

6488 Seven Rivers Highway

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New Mexico Oil Conservation Division - District 1

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ENVIRONMENTAL TECHNOLOGIST, REPORTING

June 10, 2024

Date

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Kent Stallings, P.G.

PROJECT MANAGER, REPORT REVIEW

June 20, 2024

Date

Release Assessment and Closure June 2024

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- Appendix A. Closure Criteria Research Documentation
- Appendix B. Daily Field and Sampling Reports
- Appendix C. Notifications
- Appendix D. Laboratory Data Reports and Chain of Custody Forms

Release Assessment and Closure
June 2024

1.0 Introduction

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for a crude oil and produced water release that occurred on July 15, 2016, at Lynx Federal 1, API: 30-025-27861 (hereafter referred to as the "site"). Devon submitted an initial C-141 Release Notification to New Mexico Oil Conservation Division (NMOCD) District 1 on July 18, 2016. Incident ID number nKL1626529955 was assigned to this incident.

This report provides a description of the release assessment and remediation activities associated with the site. The information presented demonstrates that closure criteria established in Table I of 19.15.29.12 of the *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) related to NMOCD has been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for closure of this release, with the understanding that restoration of the release site will be deferred until such time as all oil and gas activities are terminated and the site is reclaimed as per NMAC 19.15.29.13.

2.0 Incident Description

The release occurred on July 15, 2016, from a gasket of a fire tube flange on a heater treater. The incident was reported on July 18, 2016, and involved the release of 10 barrels (bbl.) of crude oil and 27 bbl. of produced water onto the former wellpad and into pasture. During the initial clean-up, no crude oil or produced water were recovered.

3.0 Site Characteristics

The site is located approximately 1.5 miles south of Malaga, New Mexico at, 32.8292618° N, -103.7532425° W (Google Inc., 2023). The legal location for the site is Unit O, Section 15, Township 17 South and Range 32 East in Lea County, New Mexico. The release area is located on federal property. The equipment on-site has been removed and the pad has been reclaimed. An aerial photograph and characterization sampling site schematic is presented on Figure 1.

The location is typical of oil and gas exploration and production sites in the Permian Basin and was formerly used for oil and gas production. The following sections specifically describe the release area at the site or in proximity to the reclaimed pad (Figure 1).

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2023) indicates the surface geology at the site primarily comprises Qep – Eolian and piedmont deposits (Holocene to middle Pleistocene) interlayed eolian sands and piedmont-slope deposits. The soil at the site is characterized as Maljamar and Palomas Fine Sand (United States Department of Agriculture, Natural Resources Conservation Service, 2023). Additional soil characteristics include excessively drained soil with negligible runoff and low available moisture levels in the soil profile. The karst geology potential for the site is low (United States Department of the Interior, Bureau of Land Management, 2018).

The surrounding landscape is associated with dune fields and upland plains at elevations of 2,842 to 4,500 feet above sea level. The climate is semi-arid with average annual precipitation ranging between 10 and 12 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be grasses with shrubs. Giant dropseed (*Sporobolus giganteus*) and other dropseeds (*S. flexuosus, S. contractus, S. cryptandrus*)

Release Assessment and Closure June 2024

scattered with shinnery oak (*Quercus havardii*) and soapweed yucca (*Yucca glauca*) dominates the historical plant community in this area. Bare ground and litter compose a significant proportion of ground cover. Fire suppression, overgrazing and extended drought can reduce the giant dropseed, increasing sand sage (*Artemisia filifolia*) and shrub dispersal of the shinnery oak and honey mesquite (*Prosopis glandulosa*) sparsely dotted in this historical grassland community (United States Department of Agriculture, Natural Resources Conservation Service, 2023).

4.0 Closure Criteria Determination

The nearest depth to groundwater reference is exploratory borehole RA-13403 POD-1, which was drilled approximately 0.05 miles southeast of the site on January 22, 2024. The exploratory borehole was dry at its maximum depth of 55 feet below ground surface (bgs).

The depth to groundwater was determined by drilling a borehole permitted by the New Mexico Office of the State Engineer (NMOSE) within a 0.5 mile radius of the site. The borehole was advanced to a depth of 55 feet. The borehole was left to recharge as per the requirements on the WR-07 Application for Permit to Drill a Well with No Water Rights, and a Solinst Interface Meter probe model 122 was utilized to determine whether groundwater was present at the conclusion of the 72-hour recharge period. No water was found to be present at that time. The borehole was plugged and abandoned according to the WR-08 permit, Well Plugging Plan of Operations, filed with NMOSE. Supporting documentation related to the exploratory borehole is included in Appendix A.

There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream. It is identified in the National Wetlands Inventory approximately 4.9 miles northwest of the site (United States Fish and Wildlife Service, 2023).

At the site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. The closure criteria research documentation is included in Appendix A.

Devon Energy Production Company, LP

Release Assessment and Closure June 2024

Lynx Federal 1

Table 1.	Closure Criteria Determination		
	: Lynx Federal 1	V. C1CCE0	V. 2022002
	linates: 32.829409,-103.753719 iic Conditions	X: 616650 Value	Y: 3633063 Unit
ite Specii		>55	feet
	Depth to Groundwater (nearest reference)	275	feet
1	Distance between release and nearest DTGW reference	0.05	miles
	Date of nearest DTGW reference measurement		22, 2024
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	8,431	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	6,088	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	5,931	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	7,772	feet
	ii) Within 1000 feet of any fresh water well or spring	7,772	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	6,890	feet
	Within the area overlying a subsurface mine	No	(Y/N)
8	Distance between release and nearest registered mine	87,500	feet
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
	Distance between release and nearest High Karst	66,528	feet
	Within a 100-year Floodplain	Undetermined	year
10	Distance between release and nearest FEMA Zone A (100- year Floodplain)	21,034	feet
11	Soil Type	Fine	sand
12	Ecological Classification	Deep	sand
13	Geology	Eolian and pied	dmont deposits
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	51-100'	<50' 51-100' >100'

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 2.

Table 2. Closure Criteria for Soils to Remediation & Reclamation Standards											
	Constituent	Limit									
0.4 foot has (10.15.20.12)	Chloride	600 mg/kg									
0-4 feet bgs (19.15.29.13)	TPH (GRO+DRO+MRO)	100 mg/kg									
	Chloride	10,000 mg/kg									
	TPH (GRO+DRO+MRO)	2,500 mg/kg									
DTGW 51-100 feet (19.15.29.12)	GRO+DRO	1,000 mg/kg									
	BTEX	50 mg/kg									
	Benzene	10 mg/kg									

bgs - below ground surface

DTGW - depth to groundwater

TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics

BTEX – benzene, toluene, ethylbenzene and xylenes

5.0 Remedial Actions Taken

An initial site inspection of the release area was completed on November 9, 2023, and characterization was completed on May 25, 2024, which identified the area of the release specified in the initial C-141 Report. The impacted area and impacted area per closure criteria was determined to be approximately 246 feet long and 84 feet wide; the total affected area was 6,270 square feet.

In 2020, Talon/LPE excavated impacted soils 3.5 to 5 feet bgs in the approximate area shown on Figure 1. A closure report was submitted and denied for the following reasons:

Sample IDs on the tables, maps, and laboratory analytical results do not match. It is difficult to tell which samples were collected from the base and which samples were collected from the walls of the excavation. S1-A is not illustrated on the map. SW-N (3') is above the reclamation standard of 600 mg/kg for chloride and TPH and BTEX were not analyzed. S-7 (3.5') is above the reclamation standards for TPH and chloride. SW-S, SW-E, BH-E, and BH-W are above the reclamation standard of 600 mg/kg for chloride. Based on information given in the report, the responsible party choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC. If this is the case, the entire release (including the soils below 4 feet) must be closed to the most stringent levels listed in Table 1 of 19.15.29 NMAC. If the soils 4 feet and below are not being ranked within the most stringent levels, the report needs to state the closure standards that will be applied to release based on depth to groundwater.

Vertex began remediation efforts on April 30, 2024, and were finalized on May 30, 2024. Vertex personnel supervised the excavation of impacted soils. Field screening was conducted and consisted of analysis using a Photo Ionization

Release Assessment and Closure June 2024

Detector (volatile hydrocarbons), Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and electroconductivity meter (chlorides). Field screening results were used to identify areas requiring further remediation. Characterization results are summarized in Table 3. Confirmation laboratory results are summarized in Table 4, and an excavation and confirmation sampling site schematic is presented on Figure 2. Daily Field Reports documenting various phases of the remediation are included in Appendix B.

Notification that confirmatory samples were being collected was provided to the NMOCD on May 7 and 23, 2024 (Appendix C). Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments. A total of 48 samples were collected for laboratory analysis following NMOCD soil sampling procedures. Samples were submitted to Eurofins Environmental Testing South Central, in Albuquerque, New Mexico, under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 4, and the laboratory data reports are included in Appendix D. All final confirmatory samples collected and analyzed were below closure criteria for the site.

6.0 Closure Request

The release area was fully delineated, remediated and backfilled with local soils. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a release location where depth to groundwater is 51 to 100 feet bgs. Based on these findings, there are no anticipated risks to human, ecological or hydrological receptors associated with the release site. Based on these findings, Devon requests that this incident be closed.

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. A full reclamation plan for the site will be submitted accompanying this closure report.

Vertex requests that the incident (nKL1626529955) be closed as all closure requirements set forth in Subsection E of 19.15.29 NMAC have been met. Devon certifies that all information in this report and the attachment is correct, and that they complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD requirements to obtain approval on the release at the site.

Should you have any questions or concerns, please do not hesitate to contact Kent Stallings at 346.814.1413 or kstallings@vertex.ca.

Release Assessment and Closure June 2024

7.0 References

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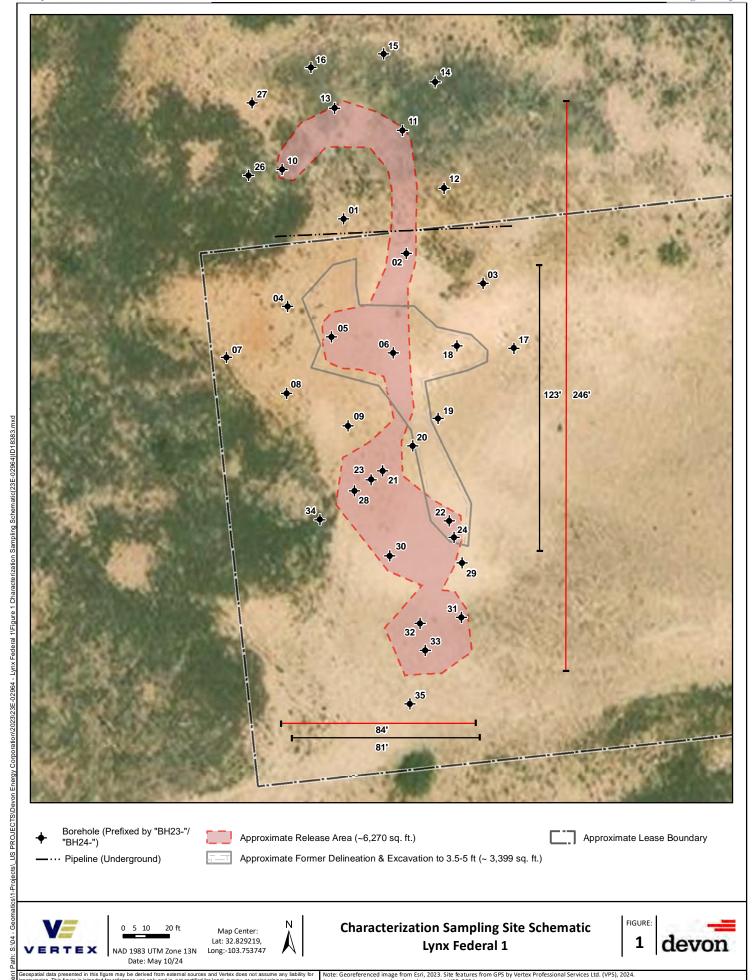
Release Assessment and Closure
June 2024

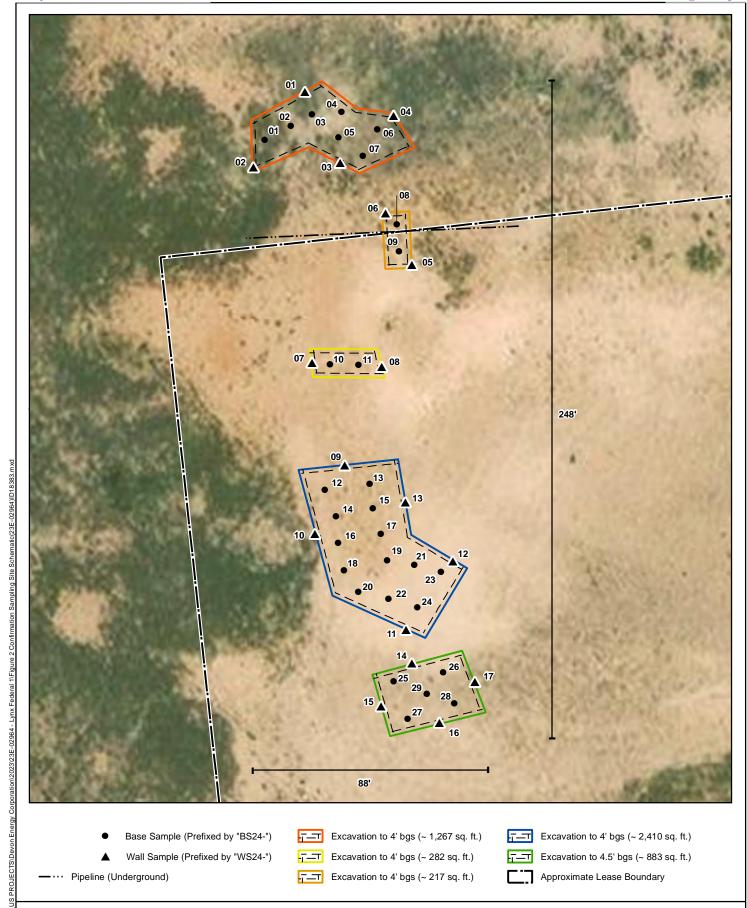
8.0 Limitations

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









Map Center: Lat: 32.829247, Long:-103.753732



Confirmation Sampling Site Schematic Lynx Federal 1





iability for Note: Georeferenced image from Esri, 2023. Site features from GPS by Vertex Professional Services Ltd. (VPS), 2024

TABLES

Site Name: Lynx Federal 1

NMOCD Tracking #: nKL1626529955

Project #: 23E-02964

Lab Reports: 2311612, 2311677, 2311682, 2311A09, 885-2963-1, 885-4704-1, 885-3902-2 and 885-3301-1

			tion Samp	ole Field So	creen and	nd Laboratory Results - Depth to Groundwater 51-100 feet bgs										
	Sample Des	cription	Fi	eld Screeni	ng			Petrole	eum Hydro							
			spuno	3)	u	Vol	atile	S		Extractable			Inorganic			
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds	Extractable Organic Compounds (PetroFlag)	(Horide Concentration	Benzene	(ga/ga)	(GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	(88/8a) Chloride Concentration			
	0	November 9, 2023	-	187	28	ND	ND	ND	ND	ND	ND	ND	ND			
BH23-01	2	November 9, 2023	-	27	86	ND	ND	ND	ND	ND	ND	ND	ND			
	0	November 9, 2023	-	1,076	148	ND	ND	ND	440	920	440	1,360	ND			
BH23-02	2	November 9, 2023	-	1,118	43	ND	ND	ND	240	760	240	1,000	ND			
BH23-03	0	November 9, 2023	-	8	14	ND	ND	ND	ND	ND	ND	ND	190			
БП23-03	2	November 9, 2023		25	235	ND	ND	ND	ND	ND	ND	ND	ND			
BH23-04	0	November 9, 2023	-	29	30	ND	ND	ND	ND	ND	ND	ND	ND			
D1123-04	2	November 9, 2023	-	25	83	ND	ND	ND	ND	ND	ND	ND	ND			
	0	November 9, 2023	-	20	44	ND	ND	ND	ND	ND	ND	ND	ND			
BH23-05	2	November 9, 2023	-	243	164	ND	ND	ND	62	160	62	232	ND			
5.120 05	4	November 9, 2023	-	1,027	376	ND	ND	ND	1,900	1,800	1,900	3,700	350			
	5	November 10, 2023	-	23	391	ND	ND	ND	18	ND	18	18	120			
BH23-06	0	November 9, 2023	-	37	193	ND	ND	ND	ND	ND	ND	ND	100			
	2	November 9, 2023	-	3	499	ND	ND	ND	ND	ND	ND	ND	860			
BH23-07	0	November 9, 2023	-	25	43	ND	ND	ND	ND	ND	ND	ND	ND			
	2	November 9, 2023	-	103	259	ND	ND	ND	ND	ND	ND	ND	130			
BH23-08	0	November 9, 2023	-	18	53	ND	ND	ND	ND	ND	ND	ND	ND			
	2	November 9, 2023	-	22	86	ND	ND	ND	ND	ND	ND	ND	ND			
BH23-09	2	November 9, 2023	-	81	86	ND	ND	ND ND	ND ND	ND	ND	ND	ND C4			
		November 9, 2023	-	16	145	ND	ND	ND	ND	ND	ND	ND	64			
BH23-10	2	November 10, 2023	-	48 65	147 368	ND ND	ND ND	ND ND	ND 32	ND 79	ND 32	ND 111	ND ND			
	0	November 10, 2023 November 10, 2023		590	515	ND ND	ND	ND ND	ND	ND	ND	ND	ND			
BH23-11	2	November 10, 2023		390	2,092	ND ND	ND	ND ND	25	86	25	111	420			
	0	November 10, 2023	-	77	229	ND	ND	ND	ND	ND	ND	ND	ND			
BH23-12	2	November 10, 2023	-	6	200	ND	ND	ND	ND	ND	ND	ND	ND			
DU22 42	0	November 10, 2023	-	115	369	ND	ND	ND	ND	ND	ND	ND	ND			
BH23-13	2	November 10, 2023	-	17	1,528	ND	ND	ND	ND	ND	ND	ND	820			
BH23-14	0	November 10, 2023	-	168	652	ND	ND	ND	ND	ND	ND	ND	ND			
ВП23-14	2	November 10, 2023	-	242	1,143	ND	ND	ND	15	57	15	72	120			
BH23-15	0	November 16, 2023	-	41	ND	ND	ND	ND	ND	ND	ND	ND	ND			
51123 13	2	November 16, 2023	-	27	145	ND	ND	ND	ND	ND	ND	ND	ND			
BH23-16	0	November 16, 2023	-	72	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	2	November 16, 2023	-	34	239 0	ND ND	ND	ND ND	ND ND	ND	ND ND	ND	ND			
BH23-17	2	April 12, 2024		50 40	639	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 390			
	0	April 12, 2024 April 12, 2024	-	229		ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND			
BH23-18	2	April 12, 2024	-	41	0	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	82			
5 10	4	April 12, 2024 April 12, 2024	-	-	-	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	380			
	0	April 12, 2024	_	50	0	ND	ND	ND	ND	ND ND	ND ND	ND	ND			
BH23-19	2	April 12, 2024	-	22	0	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND			
	0	April 12, 2024	-	30	0	ND	ND	ND	ND	ND	ND	ND	ND			
BH23-20	2	April 12, 2024	-	52	75	ND	ND	ND	ND	ND	ND	ND	120			
	3	April 12, 2024	-	160	18	ND	ND	ND	ND	ND	ND	ND	83			
DU122 24	0	April 12, 2024	-	35	0	-	-	-	-	-	-	-	-			
BH23-21	2	April 12, 2024	-	529	0	-	-	-	-	-	-	-	-			
	0	April 12, 2024	-	1,052	625	-	-	-	-	-	-	-	-			
BH23-22	2	April 12, 2024	-	1,243	176	-	-		-	-	-	-	-			
	4	April 19, 2024	-	1,219	796	ND	ND	ND	250	800	250	1050	500			



Site Name: Lynx Federal 1

NMOCD Tracking #: nKL1626529955

Project #: 23E-02964

Lab Reports: 2311612, 2311677, 2311682, 2311A09, 885-2963-1, 885-4704-1, 885-3902-2 and 885-3301-1

		e 3. Initial Characteriz				Laborator	y Kesults -				u reet bgs		
	Sample Desc	ription	Fi	eld Screeni	ng			Petrole	um Hydro				
			<u>چ</u>			Vol	atile			Extractable	2		Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	ВТЕХ (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	0	April 12, 2024	-	1,205	0	-	-	-	-	-	-	-	-
BH23-23	2	April 12, 2024	-	1,203	163	-	-	-	-	-	-	-	-
	4	April 19, 2024	-	1,150	88	-	-	-	-		-	-	-
BH23-24	0	April 15, 2024	-	720	118	ND	ND	ND	10	ND	10	10	100
БП23-24	2	April 15, 2024	-	479	478	ND	ND	ND	240	440	240	680	240
BH23-26	0	April 15, 2024	-	28	163	ND	ND	ND	ND	ND	ND	ND	ND
B1123-20	2	April 15, 2024	-	44	432	ND	ND	ND	ND	ND	ND	ND	ND
BH23-27	0	April 15, 2024	-	43	0	ND	ND	ND	ND	ND	ND	ND	ND
D1123 27	2	April 15, 2024	-	47	276	ND	ND	ND	ND	ND	ND	ND	ND
	0	April 15, 2024	-	53	975	ND	ND	ND	13	ND	13	13	ND
BH23-28	2	April 15, 2024	-	2,000	364	ND	ND	ND	610	1100	610	1710	200
	4	April 19, 2024	-	40	83	ND	ND	ND	ND	ND	ND	ND	32
BH23-29	0	April 15, 2024	-	137	17	ND	ND	ND	ND	ND	ND	ND	ND
B1123-29	2	April 15, 2024	-	82	306	ND	ND	ND	25	72	25	97	190
BH23-30	0	April 15, 2024	-	481	-	-	-	-	-	-	-	-	-
БП23-30	2	April 15, 2024	-	832	-	-	-	·	-	-	-	-	,
	0	April 15, 2024	-	377	95	-	-	-	-	-	-	-	-
BH23-31	2	April 15, 2024	-	945	132	-	-	-	-	-	-	-	-
	4	April 19, 2024	-	42	98	ND	ND	ND	ND	ND	ND	ND	75
BH24-32	0	April 15, 2024	-	473	386	-	-	-	-	-	-	-	-
BH24-32	2	April 19, 2024	-	846	142	ND	ND	ND	140	580	140	720	230
BH24-32	4	April 19, 2024	-	636	133	ND	ND	ND	120	250	120	370	72
BH24-33	0	April 15, 2024	-	260	12	ND	ND	ND	44	140	44	184	12
BH24-33	2	April 19, 2024	-	1,470	228	ND	ND	ND	200	500	200	700	130
BH24-33	4	April 19, 2024	-	1,240	59	ND	ND	ND	160	420	160	580	500
BH24-33	6	May 15, 2024	-	53	0	ND	ND	ND	ND	ND	ND	ND	ND
BH23-34	0	April 15, 2024	<u> </u>	81	3	ND	ND	ND	ND	ND	ND	ND	ND
	2	April 15, 2024	-	26	3	ND	ND	ND	ND	ND	ND	ND	ND
BH23-35	0	April 15, 2024	<u> </u>	81	3	ND	ND	ND	63	23	63	86	73
	2	April 15, 2024	-	26	3	ND	ND	ND	16	ND	16	16	73

[&]quot;ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed

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



Site Name: Lynx Federal 1

NMOCD Tracking #: nKL1626529955

Project #: 23E-02964

Lab Reports: 885-3734-1, 885-4368-1 and 885-5414-1

		4. Confirmation San			Laborator	y Nesuits				o leet bg	•	
	Sample Descr	ription	Field Sc	reening	\/I	- 4.11 -	Petrole	eum Hydro		_		
Sample ID	Depth (ft)	Sample Date	Extractable Organic 3 Compounds (PetroFlag)	Chloride Concentration	Benzene (mg/kg)	BTEX (Total)	යි Gasoline Range Organics දු (GRO)	නි Diesel Range Organics දු (DRO)	(MRO) (MRO)	(GRO + DRO)	ত্ত্ৰ Total Petroleum স্থ্ৰ Hydrocarbons (TPH)	mg/kg/Chloride Concentration
Backfill-01 (Topsoil)	5	April 30, 2024	32	113	ND	ND	ND	ND	ND	ND	ND	ND
Backfill-02 (Caliche)	5	April 30, 2024	35	183	ND	ND	ND	ND	ND	ND	ND	ND
WS24-01	0 - 4	May 9, 2024	25	477	ND	ND	ND	ND	ND	ND	ND	230
WS24-02	0 - 4	May 9, 2024	14	0	ND	ND	ND	ND	ND	ND	ND	ND
W(\$24.02	0 - 4	May 9, 2024	48	463	ND	ND	ND	ND	ND	ND	ND	660
WS24-03		May 30, 2024	5	538	ND	ND	ND	ND	ND	ND	ND	93
WS24-04	0 - 4	May 9, 2024	41	565	ND	ND	ND	ND	ND	ND	ND	370
WS24-05	0 - 4	May 9, 2024	19	0	ND	ND	ND	ND	ND	ND	ND	80
WS24-06	0 - 4	May 9, 2024	97	245	ND	ND	ND	ND	ND	ND	ND	200
WS24-07	0-4	May 9, 2024	141	0	ND	ND	ND	62	64	62	126	120
W324-07	0-4	May 30, 2024	6	175	ND	ND	ND	ND	ND	ND	ND	ND
WS24-08	0 - 4	May 9, 2024	35	228	ND	ND	ND	ND	ND	ND	ND	280
WS24-09	0 - 4	May 9, 2024	120	17	ND	ND	ND	ND	ND	ND	ND	87
WS24-10	0 - 4	May 9, 2024	115	0	ND	ND	ND	ND	ND	ND	ND	94
WS24-11	0 - 4	May 9, 2024	67	46	ND	ND	ND	ND	ND	ND	ND	120
WS24-12	0 - 4	May 9, 2024	163	0	ND	ND	ND	ND	ND	ND	ND	110
WS24-13	0 - 4	May 9, 2024	60	0	ND	ND	ND	ND	ND	ND	ND	100
WS24-14	0 - 5	May 9, 2024	160	0	ND	ND	ND	ND	ND	ND	ND	88
WS24-15	0 - 5	May 9, 2024	71	0	ND	ND	ND	ND	ND	ND	ND	92
WS24-16	0 - 5	May 9, 2024	108	0	ND	ND	ND	ND	ND	ND	ND	91
WS24-17	0 - 5	May 9, 2024	150	0	ND	ND	ND	ND	ND	ND	ND	61
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	71	2,716	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	78	2,076	ND	ND	ND	ND	ND	ND	ND	2300
BS24-08	4	May 9, 2024	-	593	ND	ND	ND	ND	ND	ND	ND	240
BS24-09	4	May 9, 2024	156	-	ND	ND	ND	ND	ND	ND	ND	490
BS24-10	4	May 9, 2024	- 445	551	ND	ND	ND	ND	ND	ND	ND	550
BS24-11	4	May 9, 2024	145	-	ND	ND	ND	ND	ND	ND	ND	510
BS24-12	4	May 9, 2024	-	-	ND	ND ND	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	- 454	274	ND	ND	ND ND	ND ND	ND	ND ND	ND	240
BS24-15	4	May 9, 2024		174	ND	ND ND	ND ND		ND	ND ND	ND ND	280 180
BS24-16	4	May 9, 2024	76 -	-	ND			ND	ND		-	
BS24-17		May 9, 2024	+	-	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND	130
BS24-18	4	May 9, 2024	-	-	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	220 120
BS24-19	4	May 9, 2024	+ -	-	ND ND	ND ND	ND ND				9.6	110
BS24-20	4	May 9, 2024	+					9.6	ND 70	9.6		
BS24-21	4	May 9, 2024	- 274	274	ND ND	ND ND	ND ND	34	70	34	104	150
BS24-22	4	May 9, 2024	274	164	ND	ND ND	ND ND	210	300	210	510	120
BS24-23	4	May 9, 2024	660	-	ND	ND	ND	31	67	31	98	140



Site Name: Lynx Federal 1

NMOCD Tracking #: nKL1626529955

Project #: 23E-02964

Lab Reports: 885-3734-1, 885-4368-1 and 885-5414-1

	Table	e 4. Confirmation San	ple Field S	creen and	Laborato	y Results	- Depth to	Groundw	ater 51-10	00 feet bgs	;				
	Sample Des	cription	Field Sc	reening			Petrole	eum Hydro	carbons						
					Vol	atile			Extractable	tractable					
Sample ID	Depth (ft)	Sample Date	Extractable Organic Compounds (Petro Flag)	Chloride Concentration	Benzene (mg/kg)	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics	(Ba/k) (GRO + DRO)	지 Total Petroleum 국 Hydrocarbons (TPH)	Chloride Concentration			
DC24.25	_	140 2024													
BS24-25	5	May 9, 2024	430	118	ND	ND	ND	ND	ND	ND	ND	96			
BS24-26	5	May 9, 2024	741	103	ND	ND	ND	37	140	37	177	100			
BS24-27	5	May 9, 2024	794	88	ND	ND	ND	69	160	69	229	94			
BS24-28	5	May 9, 2024	870	99	ND	ND	ND	120	280	120	400	110			
BS24-29	5	May 9, 2024	800	89	ND	ND	ND	46	120	46	166	93			

[&]quot;ND" Not Detected at the Reporting Limit

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

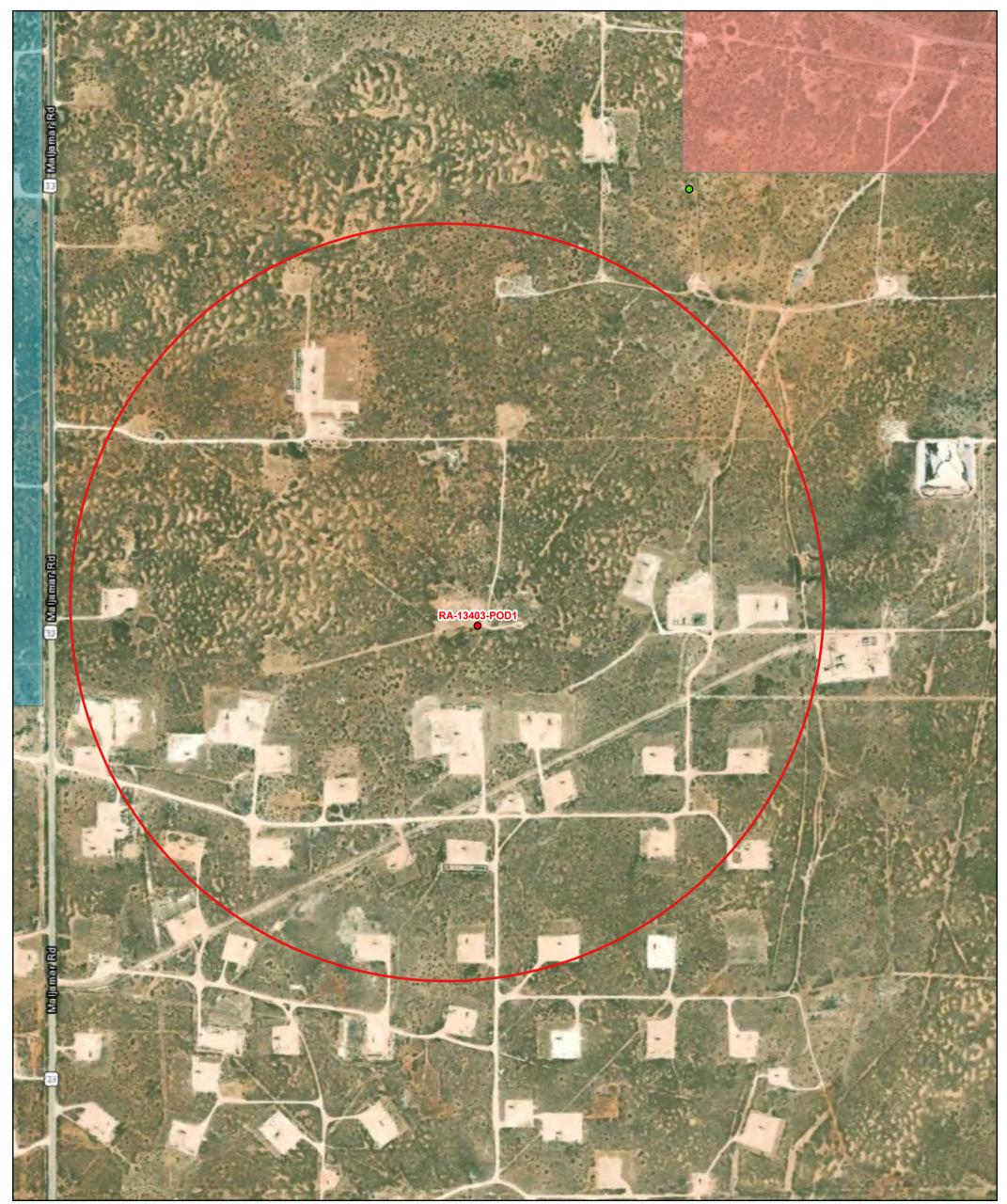


[&]quot;-" indicates not analyzed/assessed

APPENDIX A – Closure Criteria Research Documentation

	riteria Worksheet				
	e: Lynx Federal 1	V. C4 CCF0	V. 2522052		
•	dinates: 32.829409,-103.753719	X: 616650	Y: 3633063		
ite Spec	ific Conditions	Value	Unit		
	Depth to Groundwater (nearest reference)	>55	feet		
1	Distance between release and nearest DTGW reference	275	feet		
	Date of nearest DTGW reference measurement	0.05	miles 22, 2024		
			7 22, 2024		
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	8,431	feet		
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	6,088	feet		
4	Within 300 feet from an occupied residence, school, hospital, institution or church	5,931	feet		
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	7,772	feet		
	ii) Within 1000 feet of any fresh water well or spring	7,772	feet		
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)		
7	Within 300 feet of a wetland	6,890	feet		
	Within the area overlying a subsurface mine	No	(Y/N)		
8	Distance between release and nearest registered mine	87,500	feet		
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low		
	Distance between release and nearest High Karst	66,528	feet		
	Within a 100-year Floodplain	Undetermined	year		
10	Distance between release and nearest FEMA Zone A (100-year Floodplain)	21,034	feet		
11	Soil Type	Fine	e sand		
12	Ecological Classification	Deep	o sand		
13	Geology	Eolian and pie	edmont deposits		
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	51-100'	<50' 51-100' >100'		

OSE POD Location Map, Lynx Federal 1 0.5 Mile Radius, RA-13403-POD1



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Override 1 GIS WATERS PODs

Pending

Plugged

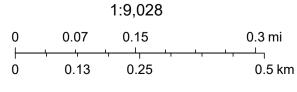
OSE District Boundary

Water Right Regulations

Critical Management Area - Guidelines

New Mexico State Trust Lands

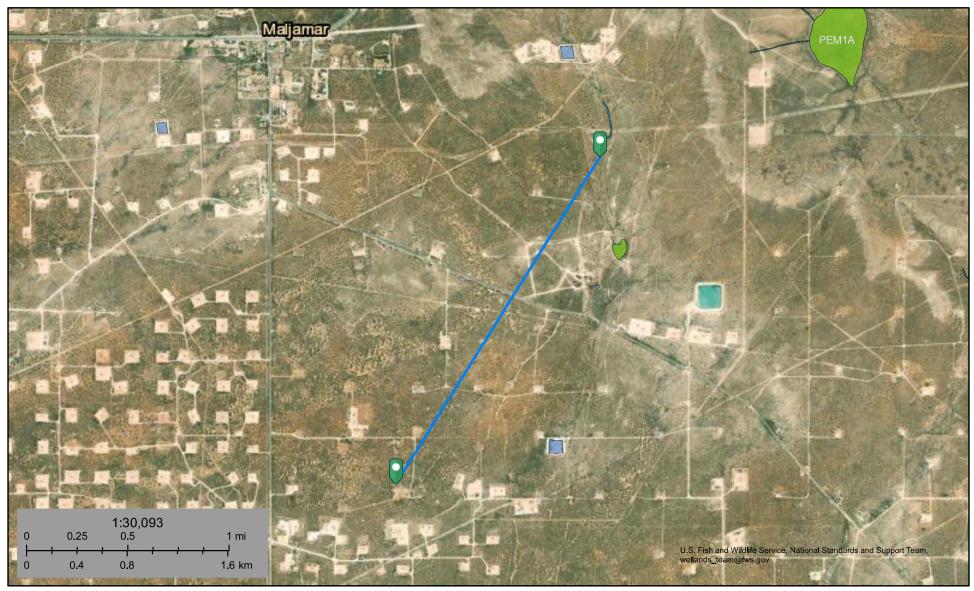
Both Estates



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



Intermittent Stream 8,431 feet



January 2, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond



Other

Riverine

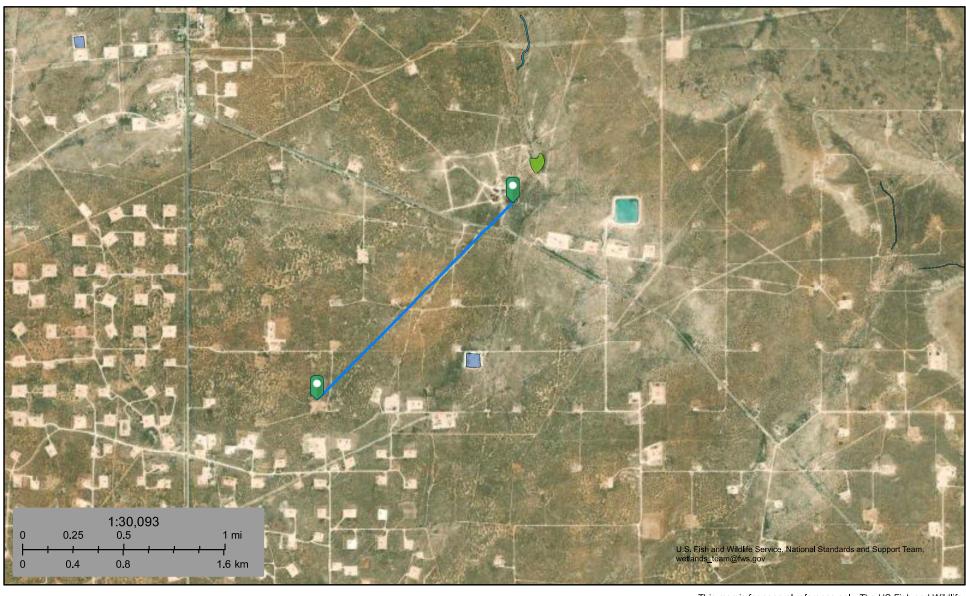


This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

U.S. Fish and Wildlife Service

National Wetlands Inventory

Pond 6,088 feet



January 2, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

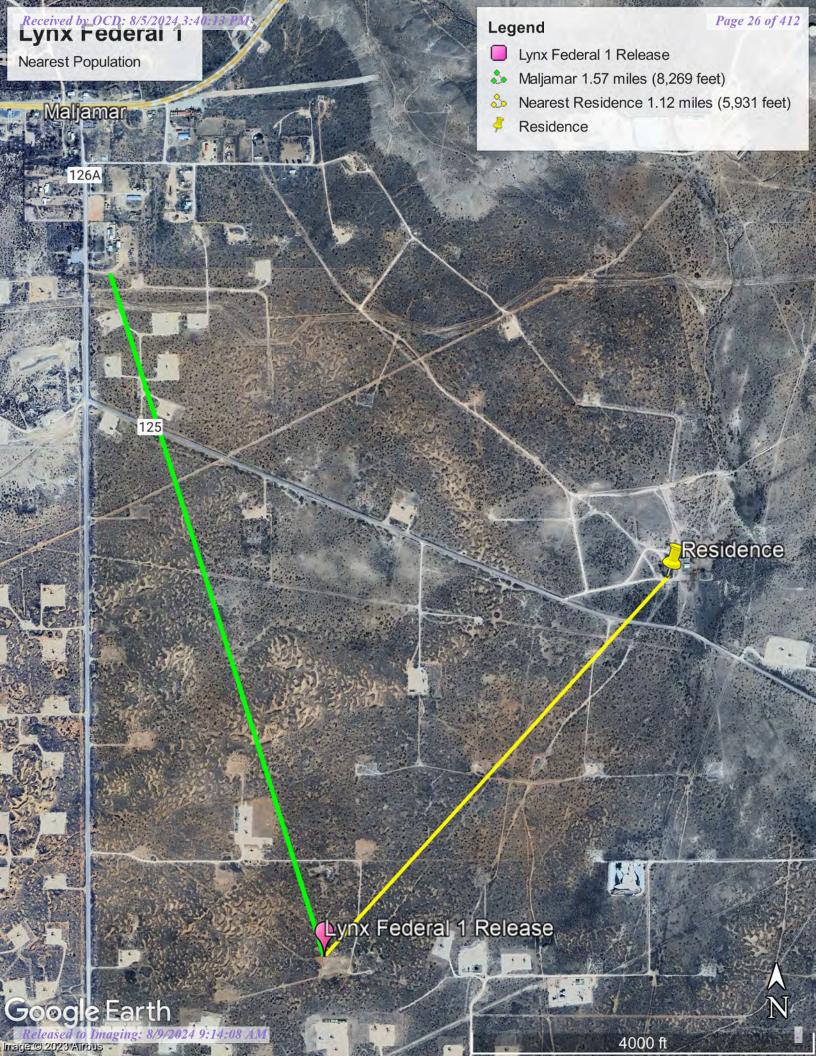
Freshwater Pond



Other

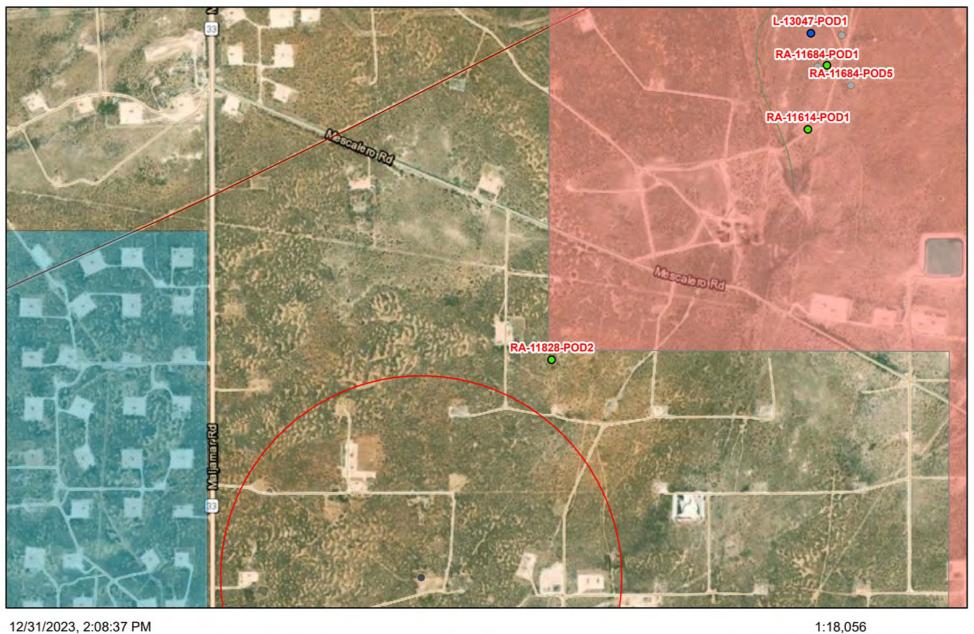


This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



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OSE Nearest Active POD





Pending

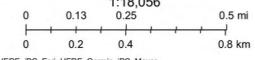
New Mexico State Trust Lands

Pipeline

Both Estates

Stream River

OSE District Boundary



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

		(acre ft pe	r annum)			(R=POD has been replaced and no longer serves this file, C=the file is closed)		rs are 1=N			=SW 4=SE)	SE) (NAD83 UTM in meters)				
	Sub					Well	c and me is dissea)	(4,000.00	qqq		·g	-50)				
WR File Nbr RA 13403	basi ı RA	use Div MON	version Owner 0 DEVON ENERGY RESOURCES	County LE	POD Number RA 13403 POD1	Tag NA	Code Grant	Source				-	X 616723	Y 3633007	Distance 92	
<u>RA 11828</u>	RA	MON	0 LINN ENERGY	LE	RA 11828 POD1				1 4 2	15	17S	32E	617164	3633940	1017	
				LE	RA 11828 POD2				1 4 2	15	17S	32E	617164	3633940	1017	
RA 12521	RA	MON	0 PHILLIPS 66	LE	RA 12521 POD1			Shallow	3 3 4	21	17S	32E	615126	3631271	2351	
RA 11614	RA	STK	0 HUDSON OIL COMPANY	LE	RA 11614 POD1				3 1 4	11	17S	32E	618180	3634871	2369	
RA 12020	RA	MON	0 PHILLIPS 66 COMPANY	LE	RA 12020 POD3			Shallow	2 1 2	28	17S	32E	615151	3631019	2533	
<u>RA 12042</u>	RA	MON	0 DARRELL CRASS DRILLING	LE	RA 12042 POD1				2 2 1	28	17S	32E	614891	3631181	2575	
<u>RA 12522</u>	RA	POL	0 PHILLIPS 66	LE	RA 12522 POD3			Shallow	4 4 3	28	17 S	32E	614980	3631093	2581	
				LE	RA 12522 POD1			Shallow	3 3 4	21	17S	32E	614940	3631122	2586	
<u>RA 11684</u>	RA	COM	443.3 HUDSON OIL COMPANY OF TEXAS	LE	RA 11684 POD1				1 1 4	11	17S	32E	618216	3635124	2588	
RA 12522	RA	POL	0 PHILLIPS 66	LE	RA 12522 POD2			Shallow	2 2 1	28	17S	32E	614949	3631098	2598	
<u>RA 11684</u>	RA	COM	443.3 HUDSON OIL COMPANY OF TEXAS	LE	RA 11684 POD5				3 1 4	11	17S	32E	618353	3635047	2614	
<u>RA 11612</u>	RA	STK	0 HUDSON OIL COMPANY	LE	RA 11612 POD1				1 1 4	11	17S	32E	618255	3635128	2615	
RA 12020	RA	MON	0 PHILLIPS 66 COMPANY	LE	RA 12020 POD2				3 1 2	28	17S	32E	615046	3630960	2644	
<u>RA 11911</u>	RA	EXP	0 LINN ENERGY	LE	RA 11911 POD1			Shallow	1 3 1	24	17S	32E	619191	3632296	2654	
<u>L 13044</u>	L	IND	60.2 CONTINENTAL OIL COMPANY	LE	<u>L 13044 POD1</u>					11	17S	32E	618187	3635254*	2676	
<u>L 13045</u>	L	IND	60.2 CONTINENTAL OIL COMPANY	LE	<u>L 13045 POD1</u>					11	17S	32E	618187	3635254*	2676	
<u>L 13046</u>	L	IND	60.2 CONTINENTAL OIL COMPANY	LE	<u>L 13046 POD1</u>					11	17S	32E	618187	3635254*	2676	
<u>L 13047</u>	L	IND	60.2 CONTINENTAL OIL COMPANY	LE	<u>L 13047 POD1</u>					11	17S	32E	618187	3635254*	2676	
RA 08855	RA	DOM	3 KENEMORE GEORGE A	LE	RA 08855				4 1 1	10	17S	32E	616061	3635742*	2742	
<u>RA 11684</u>	RA	COM	443.3 HUDSON OIL COMPANY OF TEXAS	LE	RA 11684 POD2				1 1 4	11	17S	32E	618313	3635248	2745	
<u>RA 10175</u>	RA	SAN	3 RELIANT PROCESSING FLO CO2	LE	RA 10175			Shallow	2 1	28	17S	32E	614814	3631005*	2757	
RA 12020	RA	MON	0 PHILLIPS 66 COMPANY	LE	RA 12020 POD1			Shallow	2 2 1	28	17S	32E	614827	3630954	2786	
<u>RA 11684</u>	RA	COM	443.3 HUDSON OIL COMPANY OF TEXAS		RA 11684 POD3				3 3 1				618262	3635371	2815	
<u>RA 11656</u>	RA	PRO	0 CONCHO OIL & GAS	LE	RA 11656 POD1				3 3 2	11	17S	32E	618262	3635371	2816	
<u>RA 11734</u>	RA	PDL	8 KRESSY E CARLILE	LE	RA 11734 POD1				2 2 1	10	17S	32E	616555	3635929	2868	

<u>RA 12436</u>	RA	DOL	3 KRESSY E. CARLILE	LE	RA 12436 POD1	,		Shallow	2 2 1	10	17S 3	32E 616555	3635929	2868
<u>RA 09505</u>	RA	PDL	40 BEN LINDSEY	LE	RA 09505			Shallow	2 2 1	10	17S 3	32E 616462	3635944	2888
<u>L 13050</u>	L	DOL	3 LARRY WOOTEN	LE	<u>L 13050 POD1</u>			Shallow	2 2 1	10	17S 3	32E 616463	3635945*	2888
RA 09505	RA	PDL	40 BEN LINDSEY	LE	<u>RA 09505 S</u>				2 2 1	10	17S 3	32E 616463	3635945*	2888
				LE	RA 09505 S-2				2 2 1	10	17S 3	32E 616463	3635945*	2888
<u>RA 11613</u>	RA	STK	0 HUDSON OIL COMPANY	LE	<u>RA 11613 POD1</u>				1 3 2	11	17S 3	32E 618276	3635535	2959
<u>RA 11767</u>	RA	EXP	0 HUDSON OIL COMPANY OF TEXAS	LE	<u>RA 11767 POD1</u>				1 3 2	11	17S 3	32E 618331	3635499	2959
<u>RA 11684</u>	RA	COM	443.3 HUDSON OIL COMPANY OF TEXAS	LE	<u>RA 11684 POD4</u>				1 3 2	11	17S 3	32E 618334	3635521	2979
RA 09126	RA	DOM	0 MANN CLIF	LE	RA 09126				2 2 2	09	17S 3	32E 615659	3635938*	3041
<u>RA 10846</u>	RA	DOL	0 MESCALERO PURE TRUST	LE	<u>RA 10846</u>			Shallow	2 2 2	09	17S 3	32E 615659	3635938*	3041
<u>L 03033</u>	L	MUN	5 GEORGE KENEMORE	LE	<u>L 03033</u>				3 3 4	03	17S 3	32E 616660	3636151*	3088
<u>RA 12721</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	RA 12721 POD2	NA		Shallow	1 1 4	28	17S 3	32E 615055	3630407	3097
				LE	RA 12721 POD5			Shallow	2 4 4	28	17S 3	32E 615649	3629961	3258
<u>RA 12574</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	RA 12574 POD1	NA			2 2 3	28	17S 3	32E 614992	3630233	3279
<u>RA 12721</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	RA 12721 POD3	NA		Shallow	2 3 4	28	17S 3	32E 615416	3629979	3320
<u>RA 12204</u>	RA	MON	0 CONOCO PHILLIPS	LE	RA 12204 POD1				3 1 4	28	17S 3	32E 615049	3630067	3396
<u>RA 12574</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	RA 12574 POD2	NA			1 3 4	28	17S 3	32E 615198	3629964	3421
<u>L 04020</u>	L	SRO	0 CONTINENTAL OIL COMPANY	LE	<u>L 04020</u>				3 3 4	02	17S 3	32E 618268	3636166*	3499
<u>RA 12574</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	RA 12574 POD4	NA			4 2 3	28	17S 3	32E 614868	3630046	3503
<u>RA 12721</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	RA 12721 POD1	NA			3 2 3	28	17S 3	32E 614644	3630141	3543
<u>RA 12574</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	<u>RA 12574 POD3</u>	NA			1 3 4	28	17S 3	32E 615052	3629845	3591
<u>L 04019</u>	L	SRO	0 CONTINENTAL OIL COMPANY	LE	<u>L 04019</u>				4 3 4	02	17S 3	32E 618468	3636166*	3596
<u>L 04021</u>	L	MUN	0 MESCALERO RIDGE COOP	LE	<u>L 04021 POD3</u>	NA		Shallow	1 1 4	03	17S 3	32E 616657	3636766	3703
				LE	<u>L 04021</u>		R		3 4 4	02	17S 3	32E 618670	3636170*	3705
<u>RA 12721</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	RA 12721 POD6	NA			1 2 2	33	17S 3	32E 615530	3629431	3800
<u>L 03980</u>	L	SRO	215 COMM OF PUBLIC LANDS POGO RESOURCES LLC	LE	<u>L 03980 S</u>			Shallow	4 4 4	02	17S 3	32E 618870	3636170*	3818
<u>RA 12721</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	RA 12721 POD4	NA			1 1 2	33	17S 3	32E 615054	3629589	3822
<u>L 04021</u>	L	MUN	0 MESCALERO RIDGE COOP	LE	<u>L 04021 POD4</u>	222E0		Shallow	4 3 2	03	17S 3	32E 616873	3637003	3946
				LE	<u>L 04021 S</u>			Shallow	4 3 2	03	17S 3	32E 616891	3637021	3965
<u>RA 12721</u>	RA	MON	0 CONOCOPHILLIPS COMPANY	LE	<u>RA 12721 POD8</u>	NA		Shallow	1 2 1	33	17S 3	32E 614640	3629463	4122
				LE	<u>RA 12721 POD7</u>				1 3 2	33	17S 3	32E 615063	3629198	4177
<u>L 12369</u>	L	DOL	0 LINDA GIDEON	LE	<u>L 12369 POD1</u>				2 3 2	12	17S 3	32E 620088	3635557	4247

Recgisited by 20CD 8/5/2024m3/f30:13. PM. nm.us/nmwrrs/ReportProxy?queryData=%7B"report"%3A"podByLocOwner"%2C%0A"PodNbrDiv"%3A"false"%2C%0A"WellTagDiv"%3A"false"%2C 80A false for the first of the firs
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1/20, 12.0111		111111111111111111111111111111111111111	o otato in inido/in inwino/i toporti Toxy : quoi	y Dan	a 707 B Topolt 7007 t pou	DyLocowner	7020 7007 () Odl (DIDIV 70	,,,,	idioc	/02	,,,,,,	, monia	JD1V /00	7 Taise 7020	7007 VI OGC
<u>RA 12550</u>	RA	MON	0 COG OPERATING	LE	RA 12550 POD1	NA			1 2 3	34	17S	32E	616435	3628725	4343
<u>L 03980</u>	L	SRO	215 COMM OF PUBLIC LANDS POGO RESOURCES LLC	LE	<u>L 03980 S2</u>		Shallo	ow	3 2 3	01	17S	32E	619470	3636581*	4508
<u>L 04079</u>	L	SRO	0 CHEVRON OIL COMPANY	LE	<u>L 03980 S2</u>		Shallo)W	3 2 3	01	17S	32E	619470	3636581*	4508
<u>L 12974</u>	L	MON	0 LINN ENERGY	LE	<u>L 12974 POD1</u>		Shallo	ow	3 4 3	18	17S	33E	621232	3632940	4584
<u>RA 11957</u>	RA	EXP	0 LINN ENERGY	LE	RA 11957 POD1		Shallo	ow	3 4 1	19	17S	33E	621177	3632200	4608
<u>RA 11936</u>	RA	EXP	0 LINN ENERGY	LE	RA 11936 POD1		Shallo	w	1 4 1	19	17S	33E	621245	3632321	4655
<u>RA 11937</u>	RA	EXP	0 LINN ENERGY	LE	RA 11937 POD1		Shallo	w	1 4 1	19	17S	33E	621243	3632281	4659
<u>L 02770</u>	L	MUN	20 CONTINENTAL OIL CO.	LE	<u>L 02770 S2</u>		Shallo	ow .	2 2 3	18	17S	33E	621338	3633583*	4716
				LE	<u>L 02770 S3</u>		Shallo	ow .	2 2 3	18	17S	33E	621338	3633583*	4716
<u>L 02772</u>	L	MUN	0 KEWANEE OIL COMPANY	LE	<u>L 02770 S2</u>		Shallo	ow .	2 2 3	18	17S	33E	621338	3633583*	4716
<u>L 02773</u>	L	MUN	0 KEWANEE OIL COMPANY	LE	<u>L 02770 S3</u>		Shallo	ow .	2 2 3	18	17S	33E	621338	3633583*	4716
<u>L 02946</u>	L	DOM	0 KEWANEE OIL COMPANY	LE	<u>L 02946</u>				2 2 3	18	17S	33E	621338	3633583*	4716
<u>L 05503</u>	L	PRO	0 GULF OIL CORPORATION	LE	<u>L 05503</u>				3 4 4	34	16S	32E	617043	3637766*	4719
<u>L 04122</u>	L	DOL	3 JULIA WILLIAMS	LE	<u>L 04122</u>		Shallo	ow	2 3	07	17S	33E	621216	3635093*	4996

Record Count: 72

UTMNAD83 Radius Search (in meters):

Easting (X): 616650 **Northing (Y):** 3633063 Radius: 5000

Sorted by: Distance

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

12/31/23 9:33 AM ACTIVE & INACTIVE POINTS OF DIVERSION

^{*}UTM location was derived from PLSS - see Help



New Mexico Office of the State Engineer

Point of Diversion Summary

17S 32E

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

RA 11614 POD1

X

X 618180

3634871

Driller License: 1044

Driller Company:

EADES WELL DRILLING & PUMP SERVICE

Driller Name:

Drill Start Date: Plug Date:
Log File Date: PCW Rcv Date: Source:

Pump Type:Pipe Discharge Size:Estimated Yield:Casing Size:Depth Well:Depth Water:

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12/31/23 1:43 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Water Right Summary

WR File Number: RA 11614

Subbasin: RA

Cross Reference:

Primary Purpose: STK

72-12-1 LIVESTOCK WATERING

Primary Status:

EXP EXPIRED

Total Acres:

Subfile:

Header: -

Total Diversion: 0 Cause/Case:

Owner: Contact: **HUDSON OIL COMPANY** RANDALL HUDSON

Documents on File

Status

From/

Doc Trn# File/Act

2 **Transaction Desc.** To

Diversion Consumptive Acres

2010-05-04

RA 11614

T

3

Current Points of Diversion

(NAD83 UTM in meters)

64Q16Q4Sec Tws Rng

Other Location Desc

POD Number RA 11614 POD1 Well Tag Source 3 1 4 11 17S 32E

618180 3634871

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WATER RIGHT SUMMARY 12/31/23 1:41 PM



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetland 6,890 feet



January 2, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond



Other

Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

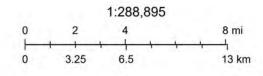
Mine 87,500 feet



12/31/2023, 2:56:34 PM

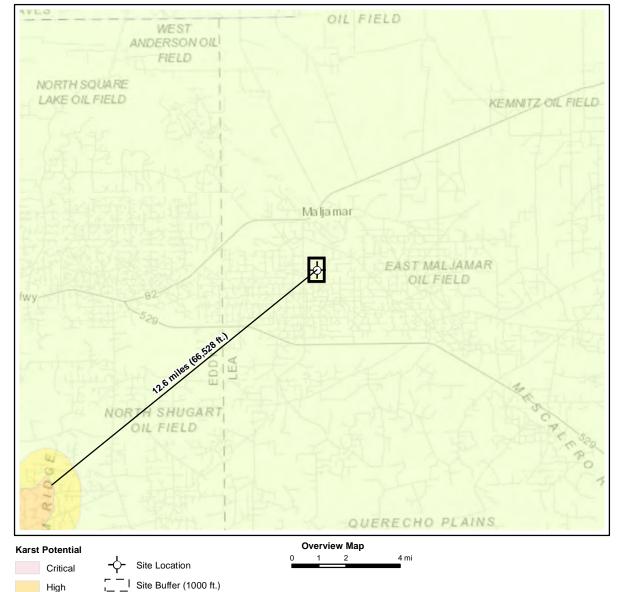
Registered Mines

- * Aggregate, Stone etc.
- Aggregate, Stone etc.
- * Aggregate, Stone etc.



Esri, NASA, NGA, USGS, New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA







0 150 300



Medium

Map Centre 32.8297, -103.7542

NAD 1983 UTM Zone 13N Date: Jan 08/24 \big| \big|

Karst Potential Map Lynx Federal 1 Figure:

X



ospatial data presented in this figure may be derived from external sources and Vertex does not assume any liabilty fo curacies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes. Note: Inset Map, Esri 2022; Overview Map: Esri World Topographic. Karst potential data sources from Roswell Field Office, Bureau of Land Mangement, 2020 or United States Department of the Interior, Bureau of Land Management, (2018). Karst Potential.

National Flood Hazard Layer FIRMette

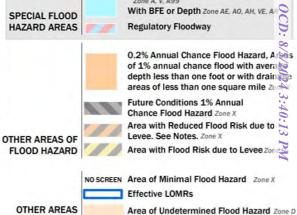




Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOU

Without Base Flood Elevation (BFE)



Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation Coastal Transect --- 513---- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary --- Coastal Transect Baseline

- - - Channel, Culvert, or Storm Sewer

STRUCTURES | IIIIII Levee, Dike, or Floodwall

OTHER

FEATURES

Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped

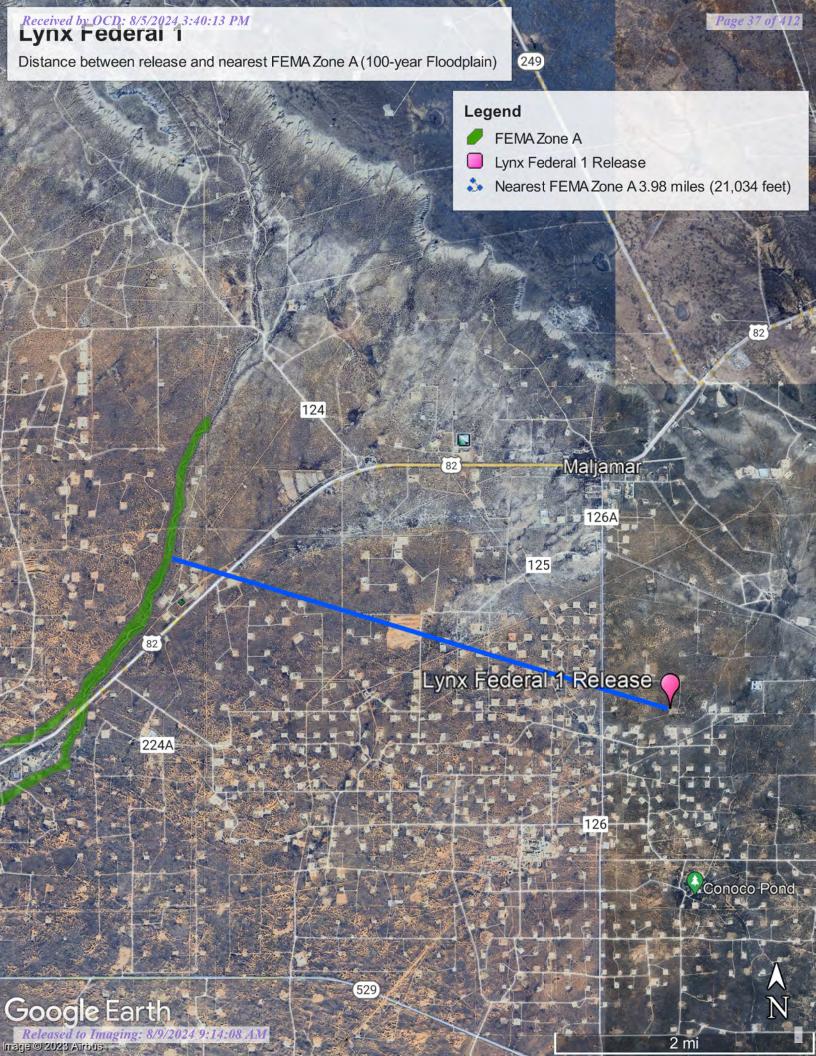
Profile Baseline

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/31/2023 at 5:05 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for 🍣 unmapped and unmodernized areas cannot be used for regulatory purposes.





NRCS

Natural Resources Conservation Service A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Lea County, New Mexico



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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References	

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



MAP LEGEND

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Water Features

Transportation

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Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

 \odot

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit **Gravelly Spot**

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water Perennial Water

Rock Outcrop

Saline Spot Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Maps from the Web Soil Survey are based on the Web Mercator

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KE	Kermit-Wink complex, 0 to 3 percent slopes	4.0	100.0%
Totals for Area of Interest		4.0	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An association is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Lea County, New Mexico

KE—Kermit-Wink complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmpw Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 70 percent Wink and similar soils: 20 percent Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Dunes

Landform position (two-dimensional): Shoulder, backslope, footslope

Landform position (three-dimensional): Side slope Down-slope shape: Concave, convex, linear

Across-slope shape: Convex

Parent material: Calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sand C - 8 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Description of Wink

Setting

Landform: Depressions

Landform position (two-dimensional): Toeslope Landform position (three-dimensional): Base slope

Down-slope shape: Concave Across-slope shape: Concave

Parent material: Calcareous sandy alluvium and/or calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: fine sand Bk - 12 to 23 inches: sandy loam BCk - 23 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00

in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 30 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 4.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Minor Components

Berino

Percent of map unit: 3 percent

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Palomas

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Dune land

Percent of map unit: 2 percent

Hydric soil rating: No

Pyote

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Maljamar

Percent of map unit: 1 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

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Ecological site R070BD005NM Deep Sand

Accessed: 12/31/2023

General information

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site occurs on terraces, Piedmonts, dunes fields, or upland plains. Parent material consists of eolian deposits and alluvium derived from sandstone. Slopes range from 0 to 15 percent, usually less than 5 percent. Low, stabilized hummocks or dunes frequently occur. Elevations range from 2,842 to 4,500 feet.

Table 2. Representative physiographic features

Landforms	(1) Dune(2) Parna dune(3) Terrace
Flooding frequency	None
Ponding frequency	None
Elevation	2,842–4,500 ft
Slope	0–15%
Aspect	Aspect is not a significant factor

Climatic features

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer.

The average frost-free season is 207 to 220 days. The last killing frost is in late March or early April, and the first killing frost is in late October or early November.

Both temperature and moisture favor warm season perennial plant growth. During years of abundant winter and early spring moisture, cool season growth and annual forbs, make up an important component of this site. Strong winds blow from the west from January through June, which accelerates soil drying during a critical period for cool

season plant growth.

Climate data was obtained from http://www.wrcc.sage.dri.edu/summary/climsmnm.html web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

Frost-free period (average)	221 days
Freeze-free period (average)	240 days
Precipitation total (average)	13 in

Influencing water features

This site is not influenced from water from wetlands or streams.

Soil features

Soils are deep or very deep. Surface textures are sand loam, fine sand or loamy fine sand, Underlying material textures are loamy fine sand, fine sand, sand or fine sandy loam. Because of the coarse textures and rapid drying of the surface, the soil, if unprotected by plant cover and organic residue, becomes windblown and low hummocks or dunes are formed around shrubs.

Characteristic soils are:

Anthony

Aguena

Kermit

Likes

Pintura

Bluepoint

Table 4. Representative soil features

Surface texture	(1) Sand (2) Fine sand (3) Loamy fine sand
Family particle size	(1) Sandy
Drainage class	Well drained to excessively drained
Permeability class	Moderate to very rapid
Soil depth	60–72 in
Surface fragment cover <=3"	0–5%
Surface fragment cover >3"	0%
Available water capacity (0-40in)	3–5 in
Calcium carbonate equivalent (0-40in)	5–15%
Electrical conductivity (0-40in)	0–4 mmhos/cm
Sodium adsorption ratio (0-40in)	0–2
Soil reaction (1:1 water) (0-40in)	6.6–7.8

Subsurface fragment volume <=3" (Depth not specified)	5–10%
Subsurface fragment volume >3" (Depth not specified)	0%

Ecological dynamics

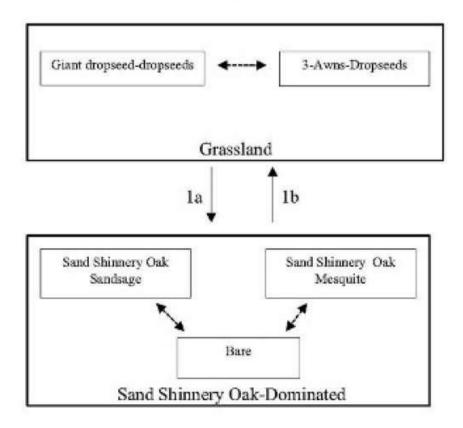
Overview

The Deep Sand site occurs adjacent to and/or intergraded with the Sandhills and Sandy sites (SD-3). The Deep Sand site can be distinguished by slopes less than eight percent (approximately five percent) and textural changes at depths greater than 40 inches. The Deep Sand site has well drained soils with a surface texture of sand or loamy fine sand. The Sandhills site has slopes greater than eight percent and textural depths greater than 60 inches. Conversely, the Sandy site has slopes less than five percent and depths to textural change commonly around 20 inches. The historic plant community of the Deep Sand site is dominated primarily by giant dropseed (*Sporobolus giganteus*) and other dropseeds (*S. flexuosus*, *S. contractus*, *S. cryptandrus*), with scattered shinnery oak (*Quercus havardii*) and soapweed yucca (*Yucca glauca*). Other herbaceous species include threeawns (Aristida spp.), bluestems (*Schizachyrium scoparium* and *Andropogon hallii*), and annual and perennial forbs distributed relative to precipitation occurrences. Bare ground and litter compose a significant proportion of ground cover while grasses are the remainder. Shinnery oak will increase with an associated decrease in dropseed and bluestem abundance possibly due to climatic change, fire suppression, interspecific competition, and excessive grazing. Continued grass cover loss may result in a transition to a shinnery oak dominated state with increases in sand sage (*Artemisia fillifolia*) and honey mesquite (*Prosopis glandulosa*). However, brush management may restore the grassland component and reverse the shinnery oak state back toward the historic plant community.

State and transition model

Plant Communities and Transitional Pathways (diagram)

MLRA-42, SD-3, Deep Sand



 a Climate, fire suppression, competition, over grazing

1.b Brush control, Prescribed grazing

State 1 Historic Climax Plant Community

Community 1.1 Historic Climax Plant Community

State Containing Historic Plant Community Grassland: The historic plant community is dominated by giant dropseed, other dropseeds, threeawns, and bluestems. Dominant woody plants include shinnery oak and soapweed yucca. Forb abundance and distribution varies and is dependent on annual rainfall. The Deep Sand site typically exists in sandy plains and dunes (Sosebee 1983). Grass dominance stabilizes the potentially erosive sandy soils. Historical fire suppression, however, may have contributed to increased woody plant abundance, which has reduced grass species. Further, drought conditions compounded with excessive grazing likely has driven most grass species out of competition with shrubs which has resulted in a shinnery oak dominated state with sand sage and mesquite (Young et al. 1948). Diagnosis: Grassland dominated by dropseeds, threeawns, and bluestems. Small shrubs, such as shinnery oak and soapweed yucca, and subshrubs are dispersed throughout the grassland. Other grasses that could appear on this site would include: flatsedge, almejita signalgrass, big bluestem, Indiangrass, fall witchgrass, hairy grama and red lovegrass Other shrubs include: fourwing saltbush, mesquite, ephedra and broom snakeweed. Other forbs include: wooly and scarlet gaura, wooly dalea, phlox heliotrope, scorpionweed, deerstongue, fleabane, nama, hoffmanseggia, lemon beebalm and stickleaf.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	396	858	1320
Shrub/Vine	108	234	360
Forb	96	208	320
Total	600	1300	2000

Table 6. Ground cover

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	15-20%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	35-40%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%
Bedrock	0%
Water	0%
Bare ground	35-40%

Figure 5. Plant community growth curve (percent production by month). NM2805, HCPC. SD-3 Deep Sand - Warm season plant community.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0	0	3	5	10	10	25	30	12	5	0	0

State 2
Shinnery Oak Dominated

Community 2.1 Shinnery Oak Dominated



Shinnery Oak Dominated: This state is dominated by shinnery oak with subdominants of sand sage or mesquite. Bare ground is a significant component in this state as well. shinnery oak is characterized by dense stands in sandy soils; however, as clay percentage increases, shinnery oak decreases. Shinnery oak abundance and distribution increase with disturbances, such as excessive grazing and fire, due to an aggressive rhizome system. As shinnery oak abundance increases, an associated increase of mesquite, sand sage, and soapweed yucca also occurs. Shinnery oak's extensive root system allows the oak to competitively exclude grasses and forbs. Sand sage, however, stabilizes light sandy soils from wind erosion and can co-exist with herbaceous species by protecting them in heavily grazed conditions (Davis and Bonham 1979). Shinnery oak has been found primarily in very deep, excessively drained, and rapidly permeable soils. Shinnery oak is associated with landforms which are gently undulating to rolling uplands, very gently sloping to moderately steep slopes, and upland plains, alluvial fans and valley sideslopes. Shinnery oak and sand sage can be controlled with herbicide if applied in the spring with a subsequent rest from grazing (Herbel et al. 1979, Pettit 1986). In addition, repetitive seasons of goat browsing can also reduce shinnery oak abundance. Patches should be maintained during brush control, however, to prevent erosion and to provide wildlife cover and forage. Further, as shinnery oak and other shrubs increase, bare patches and erosion will increase due to a lack of herbaceous ground cover. Diagnosis: Shinnery oak dominated with subdominant sand sage, honey mesquite, and soapweed yucca with increasing frequency and size of bare patches. Transition to Shinnery oak dominated state (1a): The historic plant community begins to shift toward the shinnery oak dominated state as drivers such as climate change, fire suppression, interspecific competition, and excessive grazing contribute to alterations in soil properties and herbaceous cover. Cover loss and surface soil erosion are initial indicators of transition followed by an increase of shrub species abundance and bare patch expansion. Key indicators of approach to transition: • Loss of grass and forb cover • Surface soil erosion • Bare patch expansion • Increased shrub species abundance and composition Transition to Historic Plant Community (1b): The shinnery oak dominated state may transition back toward the historic plant community as new drivers are introduced such as prescribed grazing, brush control, and discontinued drought conditions.

Additional community tables

Table 7. Community 1.1 plant community composition

				Annual Production	Foliar Cover
Group	Common Name	Symbol	Scientific Name	(Lb/Acre)	(%)

1	Warm Season			450–585	
	spike dropseed	SPCO4	Sporobolus contractus	450–585	
	sand dropseed	SPCR	Sporobolus cryptandrus	450–585	
	mesa dropseed	SPFL2	Sporobolus flexuosus	450–585	
	giant dropseed	SPGI	Sporobolus giganteus	450–585	
 2	Warm Season		1 ,	65–104	
	sand bluestem	ANHA	Andropogon hallii	65–104	
	little bluestem	SCSC	Schizachyrium scoparium	65–104	
3	Warm Season		, ,	39–91	
	threeawn	ARIST	Aristida	39–91	
4	Warm Season			13–39	
	thin paspalum	PASE5	Paspalum setaceum	13–39	
5	Warm Season		<u>'</u>	13–39	
	black grama	BOER4	Bouteloua eriopoda	13–39	
6	Warm Season			13–39	
	mat sandbur	CELO3	Cenchrus longispinus	13–39	
7	Warm Season			13–39	
	Havard's panicgrass	PAHA2	Panicum havardii	13–39	
 8	Warm Season			13–65	
	plains bristlegrass	SEVU2	Setaria vulpiseta	13–65	
9	Other Annual Grasses			13–65	
	Grass, annual	2GA	Grass, annual	13–65	
Shru	b/Vine		Oraco, armuar	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
10	Shrub			65–130	
	Havard oak	QUHA3	Quercus havardii	65–130	
11	Shrub		1 '	13–39	
	sand sagebrush	ARFI2	Artemisia filifolia	13–39	
12	Shrub			65–130	
	yucca	YUCCA	Yucca	65–130	
13	Shrub	1.000.	1,5555	13–39	
	rabbitbrush	CHRYS9	Chrysothamnus	13–39	
14	Other Shrubs		1 ,	13–39	
	Shrub (>.5m)	2SHRUB	Shrub (>.5m)	13–39	
Forb		1-311113-			
15	Forb			39–91	
	croton	CROTO	Croton	39–91	
	Indian blanket	GAPU	Gaillardia pulchella	39–91	
16	Forb	1	, ,	39–91	
	aster	ASTER	Aster	39–91	
	whitest evening primrose	OEAL	Oenothera albicaulis	39–91	
	beardtongue	PENST	Penstemon	39–91	

		ı	o.pooa.pao		
	buckwheat ERIOG En		Eriogonum	39–91	_
	sunflower HELI.		Helianthus	39–91	-
	spiny false fiddleleaf HYSP		Hydrolea spinosa	39–91	_
	threadleaf ragwort	SEFLF	Senecio flaccidus var. flaccidus	39–91	_
18	Other Forbs			13–65	
	Forb (herbaceous, not grass nor grass-like)	2FORB	Forb (herbaceous, not grass nor grass-like)	13–65	_

Animal community

This site provides habitat which supports a resident animal population characterized by pronghorn, antelope, black-tailed jackrabbit, spotted ground squirrel, Ord's kangaroo rat, northern grasshopper mouse, southern plains woodrat, badger, meadowlark, roadrunner, white-necked raven, cactus wren, lesser prairie chicken, morning dove, scaled quail, Harris hawk, side blotched lizard, marbled whiptail, Texas horned lizard, western diamondback rattlesnake and ornate box turtle. In the area called Mescalero Sands, there are white-tailed and mule deer.

Hydrological functions

The runoff curve numbers are determined by field investigations using hydraulic cover conditions and hydrologic soil groups.

Hydrologic Interpretations Soil Series Hydrologic Group Anthony B

Bluepoint A

Kermit A

Aguena A

Likes A

Pintura A

Recreational uses

This site offers limited recreation potential for hiking, horseback riding, nature observation and photography; game bird, predator, antelope, and deer hunting.

Wood products

This site has no potential for wood products.

Other products

This site is suitable for grazing by all kinds and classes of livestock during all seasons of the year. Shinnery oak is toxic in the late bud or early leaf stage. Shinnery oak will increase, as will sand sagebrush following drought. Changes in the fire return interval have also favored an increase in shrub cover. The dropseeds and bluestem will decrease. This site responds very well to brush manangement and deferment. This site is well suited to a grazing system that rotates the season of use. Nesting habitat for lesser prairie chicken can be improved by providing residual cover that is at least 14 inches high.

Other information

Guide to Suggested Initial Stocking Rate Acres per Animal Unit Month

Similarity Index Ac/AUM 100 - 76 2.0 - 3.8 75 - 51 3.0 - 6.0 50 – 26 5.0 – 10.0 25 – 0 10.1 +

Inventory data references

Other References:

Data collection for this site was done in conjunction with the progressive soil surveys within the Southern Desertic Basins, Plains and Mountains, Major Land Resource Areas of New Mexico. This site has been mapped and correlated with soils in the following soil surveys. Eddy County, Lea County, and Chaves County.

Other references

Literature Cited

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Herbel, C. H, Steger, R, Gould, W. L. 1974. Managing semidesert ranges of the Southwest. Circular 456. Las Cruces, NM: New Mexico State University, Cooperative Extension Service. 48 p.

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Sosebee, Ronald E. 1983. Physiological, phenological, and environmental considerations in brush and weed control. In: McDaniel, Kirk C., ed. Proceedings--brush management symposium; 1983 February 16; Albuquerque, NM. Denver, CO: Society for Range Management: 27-43.

Young, Vernon A., Anderwald, Frank R., McCully, Wayne G. 1948. Brush problems on Texas ranges. Miscellaneous Publication 21. College Station, TX: Texas Agricultural Experiment Station. 19 p.

Contributors

Don Sylvester Quinn Hodgson

Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

Author(s)/participant(s)	
Contact for lead author	
Date	
Approved by	
Approval date	
Composition (Indicators 10 and 12) based on	Annual Production

Indicators

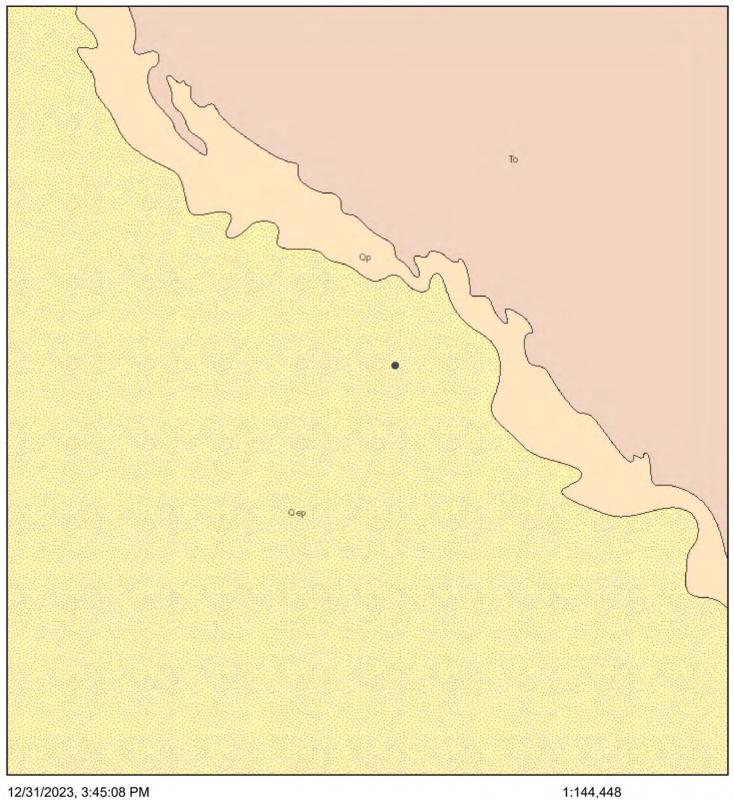
1. Number and extent of rills:

2.	Presence of water flow patterns:					
3.	Number and height of erosional pedestals or terracettes:					
4.	Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground):					
5.	Number of gullies and erosion associated with gullies:					
6.	Extent of wind scoured, blowouts and/or depositional areas:					
7.	Amount of litter movement (describe size and distance expected to travel):					
8.	Soil surface (top few mm) resistance to erosion (stability values are averages - most sites will show a range of values):					
9.	Soil surface structure and SOM content (include type of structure and A-horizon color and thickness):					
10.	Effect of community phase composition (relative proportion of different functional groups) and spatial distribution on infiltration and runoff:					
11.	Presence and thickness of compaction layer (usually none; describe soil profile features which may be mistaken for compaction on this site):					
12.	Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live foliar cover using symbols: >>, >, = to indicate much greater than, greater than, and equal to):					
	Dominant:					
	Sub-dominant:					
	Other:					
	Additional:					

13. Amount of plant mortality and decadence (include which functional groups are expected to show mortality or

decadence):
Average percent litter cover (%) and depth (in):
Expected annual annual-production (this is TOTAL above-ground annual-production, not just forage annual-production):
Potential invasive (including noxious) species (native and non-native). List species which BOTH characterize degraded states and have the potential to become a dominant or co-dominant species on the ecological site if their future establishment and growth is not actively controlled by management interventions. Species that become dominant for only one to several years (e.g., short-term response to drought or wildfire) are not invasive plants. Note that unlike other indicators, we are describing what is NOT expected in the reference state for the ecological site:

Geology





Esri, NASA, NGA, USGS, NMBGMR, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS

APPENDIX B – Daily Field and Sampling Reports



Client:	Devon Energy Corporation	Inspection Date:	11/9/2023					
Site Location Name:	Lynx Federal 1 Dale Woodall 405-318-4697	Report Run Date: API #: Project Owner:	11/11/2023 11:20 PM					
Client Contact Name:			30-025-27861					
Client Contact Phone #:								
Unique Project ID								
Project Reference #		Project Manager:						
Summary of Times								
Arrived at Site	11/9/2023 9:00 AM							
Departed Site	11/9/2023 3:30 PM							

Field Notes

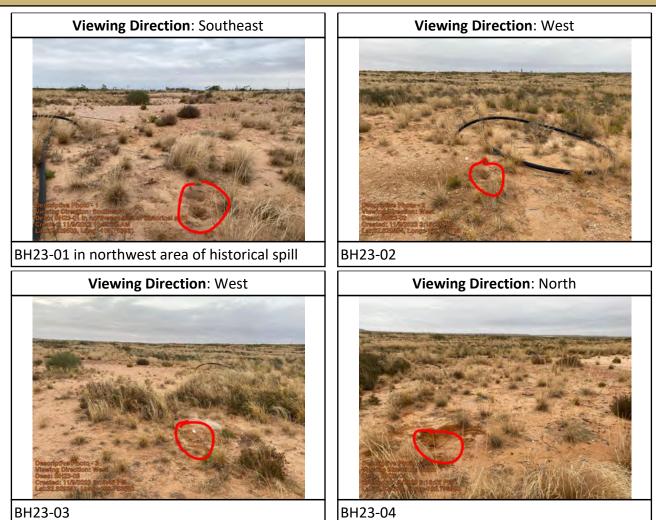
- 15:20 Completed safety paperwork and initial line locate upon arrival to site
- 15:21 Beginning exploratory delineation sampling on historical release
- 15:22 Using older satellite imagery to determine where old tank battery and equipment were located to ultimately place sample points
- **15:22** Obtained BH23-01 to 09 all at 0 and 2' depths. BH23-05 taken to 4' for vertical representation.

Next Steps & Recommendations

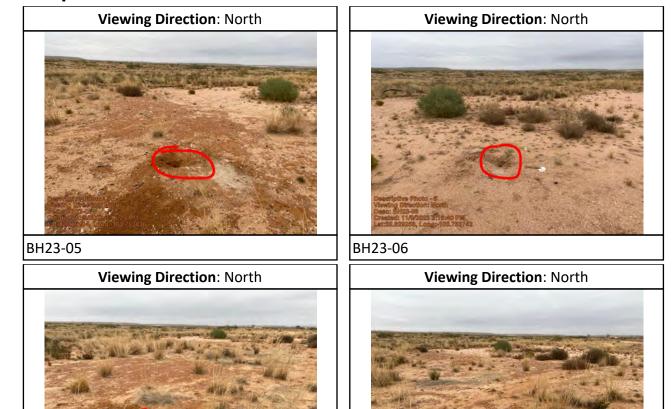
1 Continue delineation sampling as some samples were high in closure criteria. Step outs needed.



Site Photos



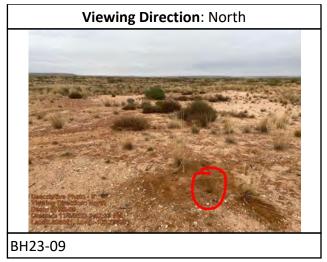




BH23-08

BH23-07







Daily Site Visit Signature

Inspector: Austin Harris

Signature:



Client:	Devon Energy Corporation	Inspection Date:	4/15/2024
Site Location Name:	Lynx Federal 1	Report Run Date:	4/16/2024 2:48 AM
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	4/15/2024 8:30 AM		
Departed Site			

Field Notes

- 9:40 On site assessed area for hazards at 8:45
- 9:41 Continued delineation revaluation area.
- 9:41 Began field screen samples collected via EC and TPH analyzer
- **10:54** All samples BH24-23,24,26,27 were all below criteria via EC. BH24-23&24 were above criteria on TPH and BH24-26&27 were below criteria on TPH
- 20:40 BH24-26,27,23& 24 were field screened on site via TPH analyzer and EC meter. BH24-23&24 were above criteria on TPH.
- **20:41** BH24-28 through 34 were field screened onsite via TPH analyzer. BH24-34 at both surface and 2ft bgs were below criteria. All other samples were above criteria.
- 20:41 BH24-28-34 were tested via EC at the office due to high winds and office meeting. All samples were below criteria via EC.
- **20:42** BH24-24-29&34 were jarred at the office.
- 20:43 Before leaving the site I flagged down the road to expand the 811 call. To further delineate.

Next Steps & Recommendations

1

Run on 4/16/2024 2:48 AM UTC Powered by www.krinkleldar.com Page 1 of 5





Site Photos





BH24-27 sampled to 2ft bgs

Viewing Direction: North



BH24-28 was sampled to 2ft bgs and was stepped out from BH24-24

Viewing Direction: Southeast



BH24-26 sampled to 2ft bgs

Viewing Direction: Northwest



BH24-29 was sampled to 2ft bgs

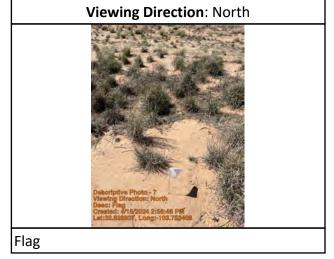




BH24-30 was sampled to 2ft bgs



BH24-33 samples 2ft bgs





Run on 4/16/2024 2:48 AM UTC Powered by www.krinkleldar.com Page 4 of 5



Daily Site Visit Signature

Inspector: Wyatt Wadleigh

Signature:

Arrived at Site

Departed Site

Daily Site Visit Report



Client:	Devon Energy Corporation	Inspection Date:	4/19/2024
Site Location Name:	Lynx Federal 1	Report Run Date:	4/19/2024 11:26 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

Field Notes

- 14:01 Arrived on site completed safety paperwork and initial line locate. On site to continue delineation and grab vertical samples.
- 14:01 Magnetic line locator was used in the areas of planned ground disturbance during site walk through.
- 14:04 Obtained sample BH24-22, 28 and 31 at 4' bgs, BH24-32 at 2' and 4 bgs. BH24-33 at 0', 2', and 4' bgs.
- **14:05** All samples were screened for TPH with the petroflag, chlorides using an electrical conductivity meter and silver nitrate titration, and VOC's.
- 17:20 Samples BH24-22, 23, 32, and 33 were all exceeded criteria for chlorides and TPH.
- 17:21 Samples were not jarred to be sent to the lab

4/19/2024 9:30 AM 4/19/2024 3:00 PM

Next Steps & Recommendations

1 Proceed with excavation



Site Photos





BH24-33 at 4'. Samples were taken at 0', 2', and 4' bgs.

Viewing Direction: Northeast



BH24-32 at 4'. Samples were taken at 2', and 4' bgs.

Viewing Direction: West



BH24-22 at 4'. at 4'. Samples were taken 4' bgs.

Viewing Direction: North



BH24-28 at 4'. Samples were taken at 4' bgs.





BH24-31 at 4'. Samples were taken at 4' bgs.



Sampling area on the reclaimed pad facing south.



Daily Site Visit Signature

Inspector: John Rewis

Signature:



Client:	Devon Energy Corporation	Inspection Date:	4/30/2024
Site Location Name:	Lynx Federal 1	Report Run Date:	4/30/2024 10:52 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	4/30/2024 7:50 AM		
Departed Site	4/30/2024 3:40 PM		

Field Notes

- **9:24** Arrived on site and completed safety assessment for job and documents. Met with Devon contractors, Centrex, Devon Construction representative, Brice Blaylock, discussing work plan for the day and safety and signing safety documents. Marked out target areas for excavation.
- **9:26** Met with Holly line locator, Waylon with Sinclair, Blue Star Services for hydrovac. Trackhoe arrived and loader was on site.
- **11:18** Collected 5-point composite samples from sandy backfill and caliche backfill from backfill pit nearby site and field screened for chlorides with titration and TPH with Dexsil Petroflag. All samples screened clean.
- **14:59** Excavation to 4 feet began at the north end.

 Collection of 5-point composite samples along walls and base to confirm clean areas was conducted and field screening of chlorides with EC meter and of TPH with Dexsil Petroflag.
- **15:01** Abandoned electrical lines were uncovered and work was stopped.
- 15:08 Work was completed for the day and plans for follow day discussed. Samples for backfill prepared for lab and preserved on ice.

Next Steps & Recommendations

1 Meet with one call locators and electrician for line





Site Photos



Hydrovac one site around line.



Viewing Direction: East

Dissiplying Protein

Protein Pro

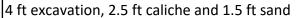
Backfill 5 point composite samples

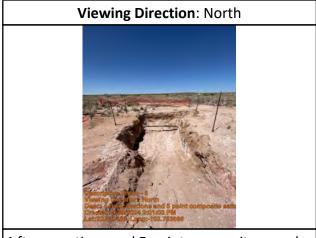


North excavation to 4 feet





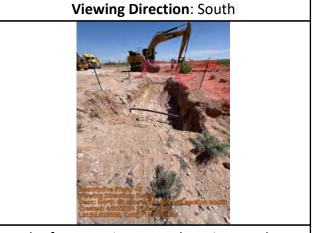




4 ft excavations and 5 point composite samples



North side of 4 ft excavation



North 4ft excavation second section south



Daily Site Visit Signature

Inspector: Stephanie McCartyM

McCartyM

Signature:



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



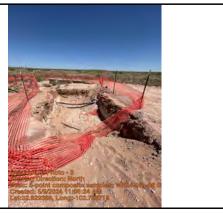
Site Photos

Viewing Direction: Northwest



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

Viewing Direction: North



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

Viewing Direction: Southeast



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

Viewing Direction: West



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





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



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



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



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

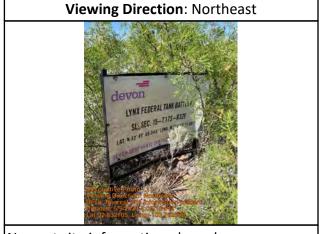




North half of excavation



South half of excavation



Nearest site information placard



Daily Site Visit Signature

Inspector: Stephanie McCartyM

Signature:



Devon Energy Corporation	Inspection Date:	5/15/2024
Lynx Federal 1	Report Run Date:	5/15/2024 9:36 PM
Dale Woodall	API #:	30-025-27861
405-318-4697	_	
	Project Owner:	
	Project Manager:	
	Summary of	Times
5/15/2024 9:50 AM		
	Corporation Lynx Federal 1 Dale Woodall 405-318-4697	Corporation Lynx Federal 1 Report Run Date: Dale Woodall API #: 405-318-4697 Project Owner: Project Manager:

Field Notes

10:37 Arrived on site, examined site for hazards and completed safety assessment for job and documents. Located BH24-33 and began delineating depth impact.

5/15/2024 11:45 AM

- **11:08** Collected BH24-33 at 6 ft and 7 ft bgs. Field screened for TPH with Dexsil Petroflag and chlorides with EC meter. Both screened clean at similar levels.
- 11:39 Prepared sample for lab and preserved on ice.

 Sample collected to delineate vertically in this area following excavation sampling results were below closure criteria but above delineating criteria.

Next Steps & Recommendations

1 Lab results

Departed Site



Site Photos

Viewing Direction: East



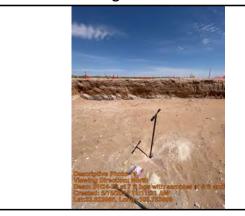
BH24-33 at 7 ft bgs with samples at 6 ft and 7 ft in 5 ft bgs excavation.

Viewing Direction: Northwest



BH24-33 at 7 ft bgs with samples at 6 ft and 7 ft in 5 ft bgs excavation. Photo from outside of excavation.

Viewing Direction: North



BH24-33 at 7 ft bgs with samples at 6 ft and 7 ft in 5 ft bgs excavation.

Viewing Direction: Northeast



Nearest site information placard



Daily Site Visit Signature

Inspector: Stephanie McCartyM

Signature:

APPENDIX C – Notifications

Searches

Operator Data

Hearing Fee Application

OCD Permitting

Home

Operator Data

Action Status

Action Search Results

Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:

341559

Districts:

Hobbs

Operator:

[6137] DEVON ENERGY PRODUCTION COMPANY, LP

Counties:

Lea

Description:

DEVON ENERGY PRODUCTION COMPANY, LP [6137]

, LYNX FEDERAL 1

, nKL1626529955

Status:

APPROVED

Status Date:

05/07/2024

References (2):

30-025-27861, nKL1626529955

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)

nKL1626529955

Incident Name

NKL1626529955 LYNX FEDERAL 1 @ 30-025-27861

Incident Type

Produced Water Release

Incident Status
Incident Well

Remediation Closure Report Received [30-025-27861] LYNX FEDERAL #001

Location of Release Source

Site Name

Surface Owner

LYNX FEDERAL 1

Date Release Discovered

07/15/2016 Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

6,500

What is the estimated number of samples that will be gathered

60 05/09/2024

19.15.29.12 NMAC

Time sampling will commence

NMAC

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

09:00 AM

Please provide any information necessary for observers to contact samplers

Kent Stallings P.G. Vertex Resource Services Inc. P 575.725.5001 ext 706 KStallings@vertex.ca

Please provide any information necessary for navigation to sampling site

Site Coordinates: 32.8292618,-103.7532425 From the intersection of US-HWY 180E/US-Hwy 62E and NM-24 Head north on NM-243/State Hwy 176 3.8 mi; Turn left onto County Road 126A 19 mi; Turn right 0.6 mi

		Searches	Operator Data	Hearing Fee Application
Comments				
No comments found for	this submission.			
Conditions				
Summary:	wdale (5/7/2024), Failure to notify the OCD of sampling events including any changes in remediation closure samples not being accepted.	date/time per the req	uirements of 19.15.29.12.D	O.(1).(a) NMAC, may result in the
Reasons				
No reasons found for thi	is submission.			
Go Back				

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EMNRD Home OCD Main Page OCD Rules

Searches **Operator Data Hearing Fee Application**

Hobbs

Lea

OCD Permitting

Operator Data

Operator:

Status:

Action Search Results

Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:

347359

[6137] DEVON ENERGY PRODUCTION COMPANY, LP

Description: DEVON ENERGY PRODUCTION COMPANY, LP [6137]

, LYNX FEDERAL 1

, nKL1626529955

APPROVED

05/23/2024 Status Date:

References (2): 30-025-27861, nKL1626529955

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)

nKL1626529955

Incident Name

NKL1626529955 LYNX FEDERAL 1 @ 30-025-27861

Districts:

Counties:

Incident Type

Produced Water Release

Incident Status Incident Well

Remediation Closure Report Received [30-025-27861] LYNX FEDERAL #001

Location of Release Source

Site Name Date Release Discovered LYNX FEDERAL 1 07/15/2016

Surface Owner

Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

400

What is the estimated number of samples that will be gathered

05/30/2024

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC

09:00 AM

Time sampling will commence

Kent stallings Vertex 575-725-5001

Please provide any information necessary for observers to contact samplers Please provide any information necessary for navigation to sampling site

Site Coordinates: 32.8292618,-103.7532425 From the intersection of US-HWY 180E/US-Hwy 62E and NM-24 Head north on NM-243/State Hwy 176 3.8 mi; Turn left onto County Road 126A 19 mi; Turn right 0.6 mi

					Searches	Operator Data	Hearing Fee Application
Comments							
No comments found	d for this su	bmission.					
Conditions							
Summary:			to notify the OCD of sampl	ling events including any ch	anges in date/time per the red	quirements of 19.15.29.12	D.(1).(a) NMAC, may result in the
Reasons							
No reasons found for	or this subr	nission.					
Go Back							

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APPENDIX D – Laboratory Data Reports and Chain of Custody Forms



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

November 29, 2023

Kent Stallings Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040

FAX:

RE: Lynx Federal 1 OrderNo.: 2311612

Dear Kent Stallings:

Eurofins Environment Testing South Central, LLC received 19 sample(s) on 11/11/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-01 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 9:00:00 AM

 Lab ID:
 2311612-001
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	11/20/2023 1:30:20 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/20/2023 1:30:20 PM
Surr: DNOP	91.1	69-147	%Rec	1	11/20/2023 1:30:20 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/17/2023 1:16:00 PM
Surr: BFB	107	15-244	%Rec	1	11/17/2023 1:16:00 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.023	mg/Kg	1	11/17/2023 1:16:00 PM
Toluene	ND	0.047	mg/Kg	1	11/17/2023 1:16:00 PM
Ethylbenzene	ND	0.047	mg/Kg	1	11/17/2023 1:16:00 PM
Xylenes, Total	ND	0.094	mg/Kg	1	11/17/2023 1:16:00 PM
Surr: 4-Bromofluorobenzene	97.4	39.1-146	%Rec	1	11/17/2023 1:16:00 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 9:54:36 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 23

Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-01 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 9:10:00 AM

 Lab ID:
 2311612-002
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	11/16/2023 1:41:54 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	11/16/2023 1:41:54 PM
Surr: DNOP	96.1	69-147	%Rec	1	11/16/2023 1:41:54 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/18/2023 1:22:00 AM
Surr: BFB	106	15-244	%Rec	1	11/18/2023 1:22:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/18/2023 1:22:00 AM
Toluene	ND	0.049	mg/Kg	1	11/18/2023 1:22:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/18/2023 1:22:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/18/2023 1:22:00 AM
Surr: 4-Bromofluorobenzene	102	39.1-146	%Rec	1	11/18/2023 1:22:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 10:31:50 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-02 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 9:20:00 AM

 Lab ID:
 2311612-003
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL (Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst: PRD
Diesel Range Organics (DRO)	440	180		mg/Kg	20	11/16/2023 2:06:54 PM
Motor Oil Range Organics (MRO)	920	910		mg/Kg	20	11/16/2023 2:06:54 PM
Surr: DNOP	0	69-147	S	%Rec	20	11/16/2023 2:06:54 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/18/2023 1:44:00 AM
Surr: BFB	108	15-244		%Rec	1	11/18/2023 1:44:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	11/18/2023 1:44:00 AM
Toluene	ND	0.046		mg/Kg	1	11/18/2023 1:44:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	11/18/2023 1:44:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	11/18/2023 1:44:00 AM
Surr: 4-Bromofluorobenzene	100	39.1-146		%Rec	1	11/18/2023 1:44:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	96	60		mg/Kg	20	11/17/2023 11:33:53 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-02 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 9:30:00 AM

 Lab ID:
 2311612-004
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: PRD
Diesel Range Organics (DRO)	240	9.3	mg/Kg	1	11/20/2023 1:41:08 PM
Motor Oil Range Organics (MRO)	760	47	mg/Kg	1	11/20/2023 1:41:08 PM
Surr: DNOP	91.4	69-147	%Rec	1	11/20/2023 1:41:08 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/18/2023 2:06:00 AM
Surr: BFB	108	15-244	%Rec	1	11/18/2023 2:06:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/18/2023 2:06:00 AM
Toluene	ND	0.050	mg/Kg	1	11/18/2023 2:06:00 AM
Ethylbenzene	ND	0.050	mg/Kg	1	11/18/2023 2:06:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/18/2023 2:06:00 AM
Surr: 4-Bromofluorobenzene	99.4	39.1-146	%Rec	1	11/18/2023 2:06:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 11:46:18 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-03 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 9:40:00 AM

 Lab ID:
 2311612-005
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	11/16/2023 3:22:10 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/16/2023 3:22:10 PM
Surr: DNOP	101	69-147	%Rec	1	11/16/2023 3:22:10 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/18/2023 2:28:00 AM
Surr: BFB	104	15-244	%Rec	1	11/18/2023 2:28:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/18/2023 2:28:00 AM
Toluene	ND	0.049	mg/Kg	1	11/18/2023 2:28:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/18/2023 2:28:00 AM
Xylenes, Total	ND	0.097	mg/Kg	1	11/18/2023 2:28:00 AM
Surr: 4-Bromofluorobenzene	101	39.1-146	%Rec	1	11/18/2023 2:28:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 11:58:42 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 5 of 23

Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-03 2'

Project: Lynx Federal 1 **Collection Date:** 11/9/2023 9:50:00 AM 2311612-006 Matrix: SOIL Lab ID: Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/16/2023 3:47:13 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/16/2023 3:47:13 PM
Surr: DNOP	96.2	69-147	%Rec	1	11/16/2023 3:47:13 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/18/2023 2:50:00 AM
Surr: BFB	107	15-244	%Rec	1	11/18/2023 2:50:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/18/2023 2:50:00 AM
Toluene	ND	0.048	mg/Kg	1	11/18/2023 2:50:00 AM
Ethylbenzene	ND	0.048	mg/Kg	1	11/18/2023 2:50:00 AM
Xylenes, Total	ND	0.095	mg/Kg	1	11/18/2023 2:50:00 AM
Surr: 4-Bromofluorobenzene	104	39.1-146	%Rec	1	11/18/2023 2:50:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 1:43:39 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value Ε
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 6 of 23

Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-04 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 10:00:00 AM

 Lab ID:
 2311612-007
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	11/20/2023 2:35:08 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/20/2023 2:35:08 PM
Surr: DNOP	104	69-147	%Rec	1	11/20/2023 2:35:08 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/18/2023 3:12:00 AM
Surr: BFB	109	15-244	%Rec	1	11/18/2023 3:12:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/18/2023 3:12:00 AM
Toluene	ND	0.048	mg/Kg	1	11/18/2023 3:12:00 AM
Ethylbenzene	ND	0.048	mg/Kg	1	11/18/2023 3:12:00 AM
Xylenes, Total	ND	0.096	mg/Kg	1	11/18/2023 3:12:00 AM
Surr: 4-Bromofluorobenzene	104	39.1-146	%Rec	1	11/18/2023 3:12:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 1:56:04 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-04 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 10:10:00 AM

 Lab ID:
 2311612-008
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF		Analyst: PRD			
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/16/2023 4:37:18 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/16/2023 4:37:18 PM
Surr: DNOP	79.0	69-147	%Rec	1	11/16/2023 4:37:18 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/18/2023 3:34:00 AM
Surr: BFB	107	15-244	%Rec	1	11/18/2023 3:34:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/18/2023 3:34:00 AM
Toluene	ND	0.049	mg/Kg	1	11/18/2023 3:34:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/18/2023 3:34:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/18/2023 3:34:00 AM
Surr: 4-Bromofluorobenzene	103	39.1-146	%Rec	1	11/18/2023 3:34:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 2:08:29 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-05 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 10:20:00 AM

 Lab ID:
 2311612-009
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	Analyst: PRD				
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/16/2023 5:27:02 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/16/2023 5:27:02 PM
Surr: DNOP	88.6	69-147	%Rec	1	11/16/2023 5:27:02 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	11/18/2023 3:56:00 AM
Surr: BFB	106	15-244	%Rec	1	11/18/2023 3:56:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.023	mg/Kg	1	11/18/2023 3:56:00 AM
Toluene	ND	0.046	mg/Kg	1	11/18/2023 3:56:00 AM
Ethylbenzene	ND	0.046	mg/Kg	1	11/18/2023 3:56:00 AM
Xylenes, Total	ND	0.092	mg/Kg	1	11/18/2023 3:56:00 AM
Surr: 4-Bromofluorobenzene	103	39.1-146	%Rec	1	11/18/2023 3:56:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 2:20:54 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-05 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 10:30:00 AM

 Lab ID:
 2311612-010
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	Analyst: PRD				
Diesel Range Organics (DRO)	62	9.9	mg/Kg	1	11/20/2023 2:45:42 PM
Motor Oil Range Organics (MRO)	160	50	mg/Kg	1	11/20/2023 2:45:42 PM
Surr: DNOP	98.8	69-147	%Rec	1	11/20/2023 2:45:42 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/18/2023 4:40:00 AM
Surr: BFB	106	15-244	%Rec	1	11/18/2023 4:40:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/18/2023 4:40:00 AM
Toluene	ND	0.048	mg/Kg	1	11/18/2023 4:40:00 AM
Ethylbenzene	ND	0.048	mg/Kg	1	11/18/2023 4:40:00 AM
Xylenes, Total	ND	0.096	mg/Kg	1	11/18/2023 4:40:00 AM
Surr: 4-Bromofluorobenzene	102	39.1-146	%Rec	1	11/18/2023 4:40:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 2:33:18 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-05 4'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 10:40:00 AM

 Lab ID:
 2311612-011
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL (Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	1900	190		mg/Kg	20	11/16/2023 6:16:53 PM
Motor Oil Range Organics (MRO)	1800	930		mg/Kg	20	11/16/2023 6:16:53 PM
Surr: DNOP	0	69-147	S	%Rec	20	11/16/2023 6:16:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/18/2023 5:02:00 AM
Surr: BFB	104	15-244		%Rec	1	11/18/2023 5:02:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	11/18/2023 5:02:00 AM
Toluene	ND	0.047		mg/Kg	1	11/18/2023 5:02:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	11/18/2023 5:02:00 AM
Xylenes, Total	ND	0.095		mg/Kg	1	11/18/2023 5:02:00 AM
Surr: 4-Bromofluorobenzene	100	39.1-146		%Rec	1	11/18/2023 5:02:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	190	60		mg/Kg	20	11/17/2023 3:10:32 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-06 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 10:50:00 AM

 Lab ID:
 2311612-012
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	Analyst: PRD				
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	11/16/2023 6:41:49 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	11/16/2023 6:41:49 PM
Surr: DNOP	98.3	69-147	%Rec	1	11/16/2023 6:41:49 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/18/2023 5:24:00 AM
Surr: BFB	109	15-244	%Rec	1	11/18/2023 5:24:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/18/2023 5:24:00 AM
Toluene	ND	0.049	mg/Kg	1	11/18/2023 5:24:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/18/2023 5:24:00 AM
Xylenes, Total	ND	0.097	mg/Kg	1	11/18/2023 5:24:00 AM
Surr: 4-Bromofluorobenzene	103	39.1-146	%Rec	1	11/18/2023 5:24:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	100	60	mg/Kg	20	11/17/2023 3:22:57 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-06 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 11:00:00 AM

 Lab ID:
 2311612-013
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	Analyst: PRD				
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/16/2023 7:06:42 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/16/2023 7:06:42 PM
Surr: DNOP	90.0	69-147	%Rec	1	11/16/2023 7:06:42 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/18/2023 5:46:00 AM
Surr: BFB	110	15-244	%Rec	1	11/18/2023 5:46:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/18/2023 5:46:00 AM
Toluene	ND	0.049	mg/Kg	1	11/18/2023 5:46:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/18/2023 5:46:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/18/2023 5:46:00 AM
Surr: 4-Bromofluorobenzene	101	39.1-146	%Rec	1	11/18/2023 5:46:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	860	60	mg/Kg	20	11/17/2023 3:35:22 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-07 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 11:10:00 AM

 Lab ID:
 2311612-014
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR		Analyst: PRD			
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	11/16/2023 7:31:34 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	11/16/2023 7:31:34 PM
Surr: DNOP	87.0	69-147	%Rec	1	11/16/2023 7:31:34 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/18/2023 6:08:00 AM
Surr: BFB	108	15-244	%Rec	1	11/18/2023 6:08:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/18/2023 6:08:00 AM
Toluene	ND	0.049	mg/Kg	1	11/18/2023 6:08:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/18/2023 6:08:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/18/2023 6:08:00 AM
Surr: 4-Bromofluorobenzene	104	39.1-146	%Rec	1	11/18/2023 6:08:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 3:47:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-07 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 11:20:00 AM

 Lab ID:
 2311612-015
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	Analyst: PRD				
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	11/20/2023 3:17:53 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/20/2023 3:17:53 PM
Surr: DNOP	115	69-147	%Rec	1	11/20/2023 3:17:53 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/18/2023 6:30:00 AM
Surr: BFB	105	15-244	%Rec	1	11/18/2023 6:30:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/18/2023 6:30:00 AM
Toluene	ND	0.047	mg/Kg	1	11/18/2023 6:30:00 AM
Ethylbenzene	ND	0.047	mg/Kg	1	11/18/2023 6:30:00 AM
Xylenes, Total	ND	0.094	mg/Kg	1	11/18/2023 6:30:00 AM
Surr: 4-Bromofluorobenzene	101	39.1-146	%Rec	1	11/18/2023 6:30:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	130	60	mg/Kg	20	11/17/2023 4:00:10 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-08 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 11:30:00 AM

 Lab ID:
 2311612-016
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	Analyst: PRD				
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	11/16/2023 8:21:16 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	11/16/2023 8:21:16 PM
Surr: DNOP	86.6	69-147	%Rec	1	11/16/2023 8:21:16 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	11/18/2023 6:52:00 AM
Surr: BFB	108	15-244	%Rec	1	11/18/2023 6:52:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.023	mg/Kg	1	11/18/2023 6:52:00 AM
Toluene	ND	0.046	mg/Kg	1	11/18/2023 6:52:00 AM
Ethylbenzene	ND	0.046	mg/Kg	1	11/18/2023 6:52:00 AM
Xylenes, Total	ND	0.092	mg/Kg	1	11/18/2023 6:52:00 AM
Surr: 4-Bromofluorobenzene	102	39.1-146	%Rec	1	11/18/2023 6:52:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 4:12:35 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-08 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 11:40:00 AM

 Lab ID:
 2311612-017
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR		Analyst: PRD			
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	11/16/2023 8:46:04 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/16/2023 8:46:04 PM
Surr: DNOP	87.1	69-147	%Rec	1	11/16/2023 8:46:04 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/18/2023 7:14:00 AM
Surr: BFB	106	15-244	%Rec	1	11/18/2023 7:14:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/18/2023 7:14:00 AM
Toluene	ND	0.048	mg/Kg	1	11/18/2023 7:14:00 AM
Ethylbenzene	ND	0.048	mg/Kg	1	11/18/2023 7:14:00 AM
Xylenes, Total	ND	0.096	mg/Kg	1	11/18/2023 7:14:00 AM
Surr: 4-Bromofluorobenzene	101	39.1-146	%Rec	1	11/18/2023 7:14:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 4:24:59 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-09 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 11:50:00 AM

 Lab ID:
 2311612-018
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O		Analyst: PRD			
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	11/16/2023 9:10:53 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	11/16/2023 9:10:53 PM
Surr: DNOP	97.6	69-147	%Rec	1	11/16/2023 9:10:53 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/18/2023 7:36:00 AM
Surr: BFB	104	15-244	%Rec	1	11/18/2023 7:36:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/18/2023 7:36:00 AM
Toluene	ND	0.049	mg/Kg	1	11/18/2023 7:36:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/18/2023 7:36:00 AM
Xylenes, Total	ND	0.098	mg/Kg	1	11/18/2023 7:36:00 AM
Surr: 4-Bromofluorobenzene	99.3	39.1-146	%Rec	1	11/18/2023 7:36:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	11/17/2023 11:59:11 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ple pH Not In Range Page 18 of 23

Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-09 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/9/2023 12:00:00 PM

 Lab ID:
 2311612-019
 Matrix: SOIL
 Received Date: 11/11/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O		Analyst: PRD			
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	11/16/2023 9:35:37 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/16/2023 9:35:37 PM
Surr: DNOP	104	69-147	%Rec	1	11/16/2023 9:35:37 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	11/18/2023 7:58:00 AM
Surr: BFB	106	15-244	%Rec	1	11/18/2023 7:58:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.023	mg/Kg	1	11/18/2023 7:58:00 AM
Toluene	ND	0.046	mg/Kg	1	11/18/2023 7:58:00 AM
Ethylbenzene	ND	0.046	mg/Kg	1	11/18/2023 7:58:00 AM
Xylenes, Total	ND	0.092	mg/Kg	1	11/18/2023 7:58:00 AM
Surr: 4-Bromofluorobenzene	102	39.1-146	%Rec	1	11/18/2023 7:58:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	64	60	mg/Kg	20	11/17/2023 12:44:38 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

14

WO#: **2311612**

Qual

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: MB-78867 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 78867 RunNo: 101284

1.5

Prep Date: 11/17/2023 Analysis Date: 11/17/2023 SeqNo: 3724727 Units: mq/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

 Sample ID:
 LCS-78867
 SampType:
 LCS
 TestCode:
 EPA Method 300.0:
 Anions

 Client ID:
 LCSS
 Batch ID:
 78867
 RunNo:
 101284

 Prep Date:
 11/17/2023
 Analysis Date:
 11/17/2023
 SeqNo:
 3724728
 Units:
 mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

15.00

 Sample ID:
 MB-78860
 SampType:
 MBLK
 TestCode:
 EPA Method 300.0:
 Anions

 Client ID:
 PBS
 Batch ID:
 78860
 RunNo:
 101286

 Prep Date:
 11/16/2023
 Analysis Date:
 11/17/2023
 SeqNo:
 3724836
 Units:
 mg/Kg

928

110

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-78860 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 78860 RunNo: 101286

Prep Date: 11/16/2023 Analysis Date: 11/17/2023 SeqNo: 3724837 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.0 90 110

Qualifiers:

Chloride

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Result

49

4.3

PQL

9.3

WO#: **2311612 29-Nov-23**

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: MB-78826	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch	ID: 788	326	F	RunNo: 1	01255				
Prep Date: 11/15/2023	Analysis D	ate: 11	/16/2023	5	SeqNo: 3	722614	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		103	69	147			
Sample ID: LCS-78826	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 78 8	326	F	RunNo: 1	01255				
Client ID: LCSS Prep Date: 11/15/2023	Batch Analysis D				RunNo: 10 SeqNo: 3		Units: mg/K	g		
							Units: mg/K HighLimit	'g %RPD	RPDLimit	Qual
Prep Date: 11/15/2023	Analysis D	ate: 11	/16/2023	5	SeqNo: 3	722615	· ·	•	RPDLimit	Qual
Prep Date: 11/15/2023 Analyte	Analysis D Result	ate: 11	/16/2023 SPK value	SPK Ref Val	SeqNo: 3	722615 LowLimit	HighLimit	•	RPDLimit	Qual
Prep Date: 11/15/2023 Analyte Diesel Range Organics (DRO)	Analysis D Result 56 4.5	ate: 11	/16/2023 SPK value 50.00 5.000	SPK Ref Val 0	SeqNo: 3 %REC 112 89.3	722615 LowLimit 61.9 69	HighLimit	%RPD		Qual
Prep Date: 11/15/2023 Analyte Diesel Range Organics (DRO) Surr: DNOP	Analysis D Result 56 4.5 SampT	ate: 11 PQL 10	50.00 5.000	SPK Ref Val 0	SeqNo: 3 %REC 112 89.3	722615 LowLimit 61.9 69 PA Method	HighLimit 130 147	%RPD		Qual

Sample ID:	2311612-019AMSD	SampT	уре: МЅ	D	Tes	tCode: EF	PA Method	od 8015M/D: Diesel Range Organics								
Client ID:	BH23-09 2'	Batch	ID: 788	326	F	RunNo: 10	01255									
Prep Date:	11/15/2023	Analysis D	ate: 11	/16/2023	9	SeqNo: 37	722650	Units: mg/Kg								
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual					
Diesel Range (Organics (DRO)	47	9.6	48.03	0	98.5	54.2	135	3.05	29.2						
Surr: DNOP		3.9		4 803		81.5	69	147	0	0						

0

%REC

104

91.8

LowLimit

54.2

69

HighLimit

135

147

%RPD

RPDLimit

Qual

SPK value SPK Ref Val

46.73

4.673

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

Diesel Range Organics (DRO)

Surr: DNOP

- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2311612**

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: Ics-78820	Samp	Гуре: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range)	
Client ID: LCSS	Batc	h ID: 78 8	320							
Prep Date: 11/15/2023	Analysis [Date: 11	/17/2023	5	SeqNo: 37	725415	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.5	70	130			
Surr: BFB	2200		1000		220	15	244			

Sample ID: mb-78820	SampT	уре: МВ	BLK	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch	n ID: 788	320	F	RunNo: 10	01297					
Prep Date: 11/15/2023	Analysis D	ate: 11	/17/2023	9	SeqNo: 37	725416	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0		•	-		•				
Surr: BFB	1000		1000		104	15	244				

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2311612**

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: 2311612-001ams	Samp	Гуре: МЅ		Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH23-01 0'	Batcl	h ID: 788	320	F	RunNo: 10	01297				
Prep Date: 11/15/2023	Analysis [Date: 11	/18/2023	5	SeqNo: 37	725445	Units: mg/K	g		
Analyte	te Result PQL SPK value SPK Ref Val %REC LowLimi						HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.023	0.9398	0	84.3	70	130			
Toluene	0.83	0.047	0.9398	0	88.2	70	130			
Ethylbenzene	0.87	0.047	0.9398	0	92.5	70	130			
Xylenes, Total	2.6 0.094 2.820 0 91.9 70									
Surr: 4-Bromofluorobenzene	0.93		0.9398		99.3	39.1	146			

Sample ID: 2311612-001amsd	SampT	ype: MS	SD .	Tes	tCode: Ef	les				
Client ID: BH23-01 0'	Batch	n ID: 788	320	F	RunNo: 10	01297				
Prep Date: 11/15/2023	Analysis D)ate: 11	/18/2023	5	SeqNo: 37	725446	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.024	0.9407	0	88.4	70	130	4.77	20	
Toluene	0.84	0.047	0.9407	0	89.6	70	130	1.69	20	
Ethylbenzene	0.88	0.047	0.9407	0	93.6	70	130	1.24	20	
Xylenes, Total	2.6	0.094	2.822	0	93.6	20				
Surr: 4-Bromofluorobenzene	0.94		0.9407	407 99.4 39.1 146 0 0						

Sample ID: Ics-78820	SampT	Гуре: LC	S	Tes	tCode: EF	les				
Client ID: LCSS	Batcl	h ID: 788	320	F	RunNo: 10	01297				
Prep Date: 11/15/2023	Analysis D	Date: 11	/17/2023	9	SeqNo: 37	725925	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	83.7	70	130			
Toluene	0.84	0.050	1.000	0	84.0	70	130			
Ethylbenzene	0.87	0.050	1.000	0	86.8	70	130			
Xylenes, Total	2.6	0.10	3.000	0	86.3	70	130			
Surr: 4-Bromofluorobenzene	0.98		1.000		97.7	39.1	146			

Sample ID: mb-78820	SampT	уре: МЕ	BLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch	n ID: 788	320	F	RunNo: 10	01297						
Prep Date: 11/15/2023	Analysis D)ate: 11	/17/2023	5	SeqNo: 37	725926	Units: mg/K	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 4-Bromofluorobenzene	1.0		1.000		99.8	39.1	146					

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Released to Imaging: 8/9/2024 9:14:08 AM

Client Name: \	/ertex Reso	urces	Work	Order Num	ber: 2311612		RcptNo:	1
Received By:	Juan Rojas	i	11/11/20	23 7:30:00	O AM	Heaving		
Completed By:	Juan P	what	11/10	73 7:	45			
Reviewed By:		1	11/11/23	5				
Chain of Custo	ody							
1. Is Chain of Cus	tody comple	ete?			Yes 🗌	No 🗹	Not Present L	
2. How was the sa	ample delive	red?			<u>Courier</u>			
<u>Log In</u> 3. Was an attemp	t made to co	ool the sample	es?		Yes 🗹	No 🗆	na 🗆	
4. Were all sample	es received :	at a temperat	ure of >0°C t	o 6.0°C	Yes ✓	No 🗌	na 🗆	
5. Sample(s) in pr					Yes ⊻	No 🗌		
6. Sufficient samp			st(s)?		Yes 🗹	No 🗌		
7. Are samples (ex				d?	Yes 🗹	No 🗌		
3. Was preservativ			, p		Yes	No 🔽	NA 🗆	
9. Received at lea	st 1 vial with	headspace <	:1/4" for AQ V	OA?	Yes 🗌	No 🗆	NA 🗹	
0. Were any samp	ole containe	rs received br	oken?		Yes 🗌	No 🗹	# of preserved bottles checked	
1. Does paperwork (Note discrepan					Yes 🗹	No 🗆		>12 unless noted)
2. Are matrices co	rrectly ident	ified on Chair	of Custody?		Yes 🗹	No 🗌	Adjusted?	
3. Is it clear what a			•		Yes 🗹	No 🗌	Charled by:	Jun while
4. Were all holding (If no, notify cus	-				Yes 🗹	No 📙	Thecked by.	100 (11
pecial Handlin	ng (if app	licable)						
15.Was client noti	fied of all dis	screpancies v	rith this order?	,	Yes 🗌	No 🗌	NA 🗹	
Person N	lotified:			Date				
By Whon	n: j			Via:	eMail	Phone [] Fax	In Person	
Regardin	g: [······································		
Client Ins	structions: [MACAME I			
16. Additional rem	arks:							
Client mi	ssing mailin	g address,ph	one number a	nd email ac	ddress on COC.	JR 11/11/23		
7. Cooler Inform	1			1		*		
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By		
1	1.0	Good	No	Yogi	1			

C	hain-	of-Cu	stody Reco	rd	Turn-A	\round -	Time:		HALL ENVIRONMENTA ANALYSIS LABORATOR													
Client:	lerte	x C	Deron			andard	₩ Rus	sh <u>5 Day</u>	-											LAT	OR	Y
					Projec	t Name	. – .		-				www	ı.hall	envi	ronn	nenta	al.co	m			
Mailing	Address:	on fi	10			Lyr	x Fed	eral	_	49	01 H	awki	ns N	IE -					1 8710	09		
		1			Projec	:t #: '	2201			Te	el. 50)5-34	5-39					A	4107			V-1015
Phone #	+-		/		23	F(1296)		435				A		sis	Requ	uest				
email or		V			Projec	ct Mana	ger:		[12]	RO)	· · ·		(0)	uk u	SO ₄			sent)				
QA/QC F	Package: dard		□ Level 4 (Full Val	idation)	K	ent	Sta		TMB's (8021)	(PH)\$015D(GRO / DRO / MRO)	2 PCB's		8270SIMS		2, PO ₄ ,			Total Coliform (Present/Absent)				
Accredi		□ Az Co	mpliance	30	Samp	ler: Za	ach Ex	PeberT	ĪĒ	□	308;	[-	82		NO ₂ ,	ar s		res				
□ NEL		☐ Other		-	On Ice		☐ Yes `	□ No		S.	es/8	20	0 or	SIS	- 1	4	8270 (Semi-VOA)	<u>n</u>		- 7	1 1	
□ EDD					# of C	coolers:	1	yogc (80)		9	licid	hod	831	Meta	©F, Br, NO₃,	3	Ę	form				
					Coole	r Temp	(including CF):	0.9+0.7=1.0 (°C)	13	015	-sec	Met	þ	8	Ä,	2	(Se	3	7,1			
					Conta	ainer	Preservati	ve HEAL No.	M M	BTEX MTBE / TMB (PH;8015D(GRO / DR 8081 Pesticides/8082 EDB (Method 504.1) PAHs by 8310 or 827 RCRA 8 Metals				<u>ب</u>	8260 (VOA)	0/2	otal					
Date	Time	Matrix	Sample Name			and #	Туре	2311612					\bigcirc	82	82	Ĕ	-		-			
11-9-23	900	soil	BH23-01	0′	Li	ur	ice	-001	11	$\perp \downarrow$			_		\perp				_	_		
1	910		BH23-01	2	,		100	-002	4	11	_		_		+					fact town	1	
	926		BH23-02	0			19	-003	1	\sqcup				HE L	4		1 1				-	
	130		BH23-02	2				-004		\sqcup	_			100		200.00		12 m 1		PUNIT OF THE	4	
	940		BH23-03	0'				-005	$\perp \perp$	\sqcup	_	- 1	200	1111				l) i i i		6-93	 	
1	950		BH23-03	2′				-006	$\bot \bot$	\sqcup	_	_	1	pare -	-	pro (1)	rote-1	li presi		16.71 171.9	-	
	1000		B H23 - 04	0'			To the second	-007			<u> </u>	<u> </u>	-	_		4.251	1000	10.0			o (100)	\vdash
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	1020		BH23-05	0'				-009		\sqcup	_	-	-	Provey						11 1 10 1	-	
	1030		BH23-05	2'				-010	\dashv		 	1	-	-	1	10.00	_	100		-	-	+-
	1040	11 1	BH23-05	94				-011		-		-			1	4	a myster	-				++
V	1050	V	BH23 06	0		V	V	-012														
Date:	Time:	Relinquis			Recei	ved by:	Via:	Date Ťime	Remarks: Direct Will to Devon													
Data	Time:	Relinquis	shed hy:			WWW ived by:/	WWY Via:	Date Time				*										
Date:		A-4				M	(ouri	er 11/1/23 713	0													
			ubmitted to Hall Environmen	tal may be su	bcontract	ed to other	accredited labo	ratories. This serves as notice of	this po	ssibilit	/. Any	sub-c	ontrac	ted dat	a will i	be clea	arly no	tated o	n the ar	nalytical r	eport.	l of ?
Keleased	to Imagii	ng: 8/9/2	024~9:14:08~AM																			, 0,0

Ch	ain-	of-Cu	stody Reco	rd	Turn-Around	Time:	15 mil - 11 137 - 116,450 ye go ye Oglori	HALL ENVIRONMENTAL ANALYSIS LABORATORY					NL									
Client: \	lerte	X CD	eron)				<u> 50ay</u>				A	N	AL'	YS	IS	L	AB	OF	SA.	ГО	RY	
					Project Name	e:		1000		MINNS.	v	vww	.hall	envi	ronn	nent	al.co	m				
Mailing Ad	ddress:	On	file		Lynx	Federal			490)1 H	awkir	ns N	E -	Alb	uque	erque	e, NN	<i>l</i> l 871	09			
		1			Project #:	0041	<i>,</i>		Те	1. 50	5-34	5-39		_	_		345-					
Phone #:	1-21	-	/		235	-0296	5						Aı	-	sis I	Req	uest	4		17.0		
email or F	ax#:	V			Project Mana	ager:		5	8	,,				SO ₄		-	sent					
QA/QC Pa	-				Kent	Stalling	S	TMB's (8021)	TPH/8015D(GRO / DRO / MRO)	PCB's		8270SIMS	4	PO4,			Total Coliform (Present/Absent)					
☐ Standa			☐ Level 4 (Full Vali	idation)	I			l š	NA NA	82	=	270		NO ₂ ,			seu					
Accredita		☐ Az Co☐ Other	mpliance		On Ice:	Pech En	AL NO		õ	Pesticides/8082	8	5	S	Z	- 1	(F)	Pre		31			
□ NELAC		□ Other			# of Coolers:	1	40gi	BTEX) MTBE	9	cide	po	PAHs by 8310	RCRA 8 Metals	CI, F, Br, NO ₃ ,	7	8270 (Semi-VOA)	or m		-			
	<u> </u>			·	Cooler Temp	O(Including CF): 60.0	1+0.1=1.0 (°C)	7	155	esti	Meth	by 8	8	표,	8260 (VOA)	Sen	jij S					
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Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

November 29, 2023

Kent Stallings
Vertex Resources Services, Inc.
3101 Boyd Drive
Carlsbad, NM 88220
TEL:
FAX:

RE: Lynx Federal 1 OrderNo.: 2311677

Dear Kent Stallings:

Eurofins Environment Testing South Central, LLC received 11 sample(s) on 11/14/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order **2311677**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-05 5'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 9:00:00 AM

 Lab ID:
 2311677-001
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	ses Result RL Qual Un				
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	18	9.2	mg/Kg	1	11/17/2023 12:12:19 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	11/17/2023 12:12:19 PM
Surr: DNOP	109	69-147	%Rec	1	11/17/2023 12:12:19 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/21/2023 3:26:47 AM
Surr: BFB	94.2	15-244	%Rec	1	11/21/2023 3:26:47 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.023	mg/Kg	1	11/21/2023 3:26:47 AM
Toluene	ND	0.047	mg/Kg	1	11/21/2023 3:26:47 AM
Ethylbenzene	ND	0.047	mg/Kg	1	11/21/2023 3:26:47 AM
Xylenes, Total	ND	0.094	mg/Kg	1	11/21/2023 3:26:47 AM
Surr: 4-Bromofluorobenzene	97.9	39.1-146	%Rec	1	11/21/2023 3:26:47 AM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	120	60	mg/Kg	20	11/19/2023 6:58:19 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 17

Lab Order **2311677**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-10 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 9:10:00 AM

 Lab ID:
 2311677-002
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/17/2023 12:22:57 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/17/2023 12:22:57 PM
Surr: DNOP	116	69-147	%Rec	1	11/17/2023 12:22:57 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/21/2023 3:50:02 AM
Surr: BFB	89.8	15-244	%Rec	1	11/21/2023 3:50:02 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	11/21/2023 3:50:02 AM
Toluene	ND	0.048	mg/Kg	1	11/21/2023 3:50:02 AM
Ethylbenzene	ND	0.048	mg/Kg	1	11/21/2023 3:50:02 AM
Xylenes, Total	ND	0.096	mg/Kg	1	11/21/2023 3:50:02 AM
Surr: 4-Bromofluorobenzene	93.8	39.1-146	%Rec	1	11/21/2023 3:50:02 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	ND	60	mg/Kg	20	11/20/2023 1:05:47 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 17

Lab Order **2311677**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-10 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 9:20:00 AM

 Lab ID:
 2311677-003
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	32	9.5	mg/Kg	1	11/17/2023 1:46:07 PM
Motor Oil Range Organics (MRO)	79	48	mg/Kg	1	11/17/2023 1:46:07 PM
Surr: DNOP	76.6	69-147	%Rec	1	11/17/2023 1:46:07 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/21/2023 4:13:16 AM
Surr: BFB	88.9	15-244	%Rec	1	11/21/2023 4:13:16 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	11/21/2023 4:13:16 AM
Toluene	ND	0.049	mg/Kg	1	11/21/2023 4:13:16 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/21/2023 4:13:16 AM
Xylenes, Total	ND	0.098	mg/Kg	1	11/21/2023 4:13:16 AM
Surr: 4-Bromofluorobenzene	92.9	39.1-146	%Rec	1	11/21/2023 4:13:16 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	ND	60	mg/Kg	20	11/20/2023 1:42:59 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Limit Page 3 of 17

Lab Order **2311677**Date Reported: **11/29/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-11 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 9:30:00 AM

 Lab ID:
 2311677-004
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	11/17/2023 12:33:37 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/17/2023 12:33:37 PM
Surr: DNOP	124	69-147	%Rec	1	11/17/2023 12:33:37 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/21/2023 4:36:29 AM
Surr: BFB	88.5	15-244	%Rec	1	11/21/2023 4:36:29 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.023	mg/Kg	1	11/21/2023 4:36:29 AM
Toluene	ND	0.047	mg/Kg	1	11/21/2023 4:36:29 AM
Ethylbenzene	ND	0.047	mg/Kg	1	11/21/2023 4:36:29 AM
Xylenes, Total	ND	0.093	mg/Kg	1	11/21/2023 4:36:29 AM
Surr: 4-Bromofluorobenzene	94.4	39.1-146	%Rec	1	11/21/2023 4:36:29 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	ND	60	mg/Kg	20	11/20/2023 2:20:12 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 17

Lab Order **2311677**Date Reported: **11/29/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-11 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 9:40:00 AM

 Lab ID:
 2311677-005
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	25	9.4	mg/Kg	1	11/17/2023 1:56:45 PM
Motor Oil Range Organics (MRO)	86	47	mg/Kg	1	11/17/2023 1:56:45 PM
Surr: DNOP	114	69-147	%Rec	1	11/17/2023 1:56:45 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/21/2023 4:59:41 AM
Surr: BFB	87.5	15-244	%Rec	1	11/21/2023 4:59:41 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	11/21/2023 4:59:41 AM
Toluene	ND	0.048	mg/Kg	1	11/21/2023 4:59:41 AM
Ethylbenzene	ND	0.048	mg/Kg	1	11/21/2023 4:59:41 AM
Xylenes, Total	ND	0.097	mg/Kg	1	11/21/2023 4:59:41 AM
Surr: 4-Bromofluorobenzene	92.1	39.1-146	%Rec	1	11/21/2023 4:59:41 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	420	60	mg/Kg	20	11/20/2023 2:57:25 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2311677**Date Reported: **11/29/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-12 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 9:50:00 AM

 Lab ID:
 2311677-006
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	11/17/2023 12:44:15 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	11/17/2023 12:44:15 PM
Surr: DNOP	114	69-147	%Rec	1	11/17/2023 12:44:15 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/21/2023 5:22:56 AM
Surr: BFB	93.8	15-244	%Rec	1	11/21/2023 5:22:56 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	11/21/2023 5:22:56 AM
Toluene	ND	0.050	mg/Kg	1	11/21/2023 5:22:56 AM
Ethylbenzene	ND	0.050	mg/Kg	1	11/21/2023 5:22:56 AM
Xylenes, Total	ND	0.10	mg/Kg	1	11/21/2023 5:22:56 AM
Surr: 4-Bromofluorobenzene	97.3	39.1-146	%Rec	1	11/21/2023 5:22:56 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	ND	60	mg/Kg	20	11/20/2023 3:09:51 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ple pH Not In Range Page 6 of 17

Lab Order **2311677**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-12 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 10:00:00 AM

 Lab ID:
 2311677-007
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	8.4	mg/Kg	1	11/20/2023 8:47:06 PM
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	11/20/2023 8:47:06 PM
Surr: DNOP	80.5	69-147	%Rec	1	11/20/2023 8:47:06 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/20/2023 11:08:00 PM
Surr: BFB	100	15-244	%Rec	1	11/20/2023 11:08:00 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/20/2023 11:08:00 PM
Toluene	ND	0.048	mg/Kg	1	11/20/2023 11:08:00 PM
Ethylbenzene	ND	0.048	mg/Kg	1	11/20/2023 11:08:00 PM
Xylenes, Total	ND	0.096	mg/Kg	1	11/20/2023 11:08:00 PM
Surr: 4-Bromofluorobenzene	94.8	39.1-146	%Rec	1	11/20/2023 11:08:00 PM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	ND	60	mg/Kg	20	11/20/2023 3:22:15 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 17

Lab Order **2311677**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-13 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 10:10:00 AM

 Lab ID:
 2311677-008
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/21/2023 9:57:36 AM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/21/2023 9:57:36 AM
Surr: DNOP	102	69-147	%Rec	1	11/21/2023 9:57:36 AM
EPA METHOD 8015D: GASOLINE RANGE Gasoline Range Organics (GRO) ND Surr. BER					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/21/2023 12:14:00 AM
Surr: BFB	99.7	15-244	%Rec	1	11/21/2023 12:14:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/21/2023 12:14:00 AM
Toluene	ND	0.049	mg/Kg	1	11/21/2023 12:14:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/21/2023 12:14:00 AM
Xylenes, Total	ND	0.097	mg/Kg	1	11/21/2023 12:14:00 AM
Surr: 4-Bromofluorobenzene	94.4	39.1-146	%Rec	1	11/21/2023 12:14:00 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	ND	60	mg/Kg	20	11/20/2023 3:34:40 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 8 of 17

Lab Order **2311677**Date Reported: **11/29/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-13 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 10:20:00 AM

 Lab ID:
 2311677-009
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	11/20/2023 9:07:53 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/20/2023 9:07:53 PM
Surr: DNOP	101	69-147	%Rec	1	11/20/2023 9:07:53 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/21/2023 1:19:00 AM
Surr: BFB	98.9	15-244	%Rec	1	11/21/2023 1:19:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/21/2023 1:19:00 AM
Toluene	ND	0.049	mg/Kg	1	11/21/2023 1:19:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/21/2023 1:19:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/21/2023 1:19:00 AM
Surr: 4-Bromofluorobenzene	94.0	39.1-146	%Rec	1	11/21/2023 1:19:00 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	820	60	mg/Kg	20	11/20/2023 3:47:05 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order 2311677

Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-14 0'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 10:30:00 AM

 Lab ID:
 2311677-010
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	11/21/2023 10:07:58 AM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/21/2023 10:07:58 AM
Surr: DNOP	113	69-147	%Rec	1	11/21/2023 10:07:58 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/21/2023 1:40:00 AM
Surr: BFB	95.1	15-244	%Rec	1	11/21/2023 1:40:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/21/2023 1:40:00 AM
Toluene	ND	0.050	mg/Kg	1	11/21/2023 1:40:00 AM
Ethylbenzene	ND	0.050	mg/Kg	1	11/21/2023 1:40:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/21/2023 1:40:00 AM
Surr: 4-Bromofluorobenzene	92.8	39.1-146	%Rec	1	11/21/2023 1:40:00 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	ND	60	mg/Kg	20	11/20/2023 3:59:30 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2311677**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-14 2'

 Project:
 Lynx Federal 1
 Collection Date: 11/10/2023 10:40:00 AM

 Lab ID:
 2311677-011
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB
Diesel Range Organics (DRO)	15	9.6	mg/Kg	1	11/21/2023 10:18:20 AM
Motor Oil Range Organics (MRO)	57	48	mg/Kg	1	11/21/2023 10:18:20 AM
Surr: DNOP	109	69-147	%Rec	1	11/21/2023 10:18:20 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/21/2023 2:02:00 AM
Surr: BFB	95.6	15-244	%Rec	1	11/21/2023 2:02:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/21/2023 2:02:00 AM
Toluene	ND	0.050	mg/Kg	1	11/21/2023 2:02:00 AM
Ethylbenzene	ND	0.050	mg/Kg	1	11/21/2023 2:02:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/21/2023 2:02:00 AM
Surr: 4-Bromofluorobenzene	92.0	39.1-146	%Rec	1	11/21/2023 2:02:00 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	120	60	mg/Kg	20	11/20/2023 4:11:54 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

14

2311677 29-Nov-23

WO#:

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Chloride

Sample ID: LCS-78893 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 78893 RunNo: 101309

Prep Date: 11/19/2023 Analysis Date: 11/19/2023 SeqNo: 3726157 Units: mq/Kq

15.00

SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL SPK value LowLimit Qual n

91.3

90

110

Sample ID: MB-78893 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 78893 RunNo: 101309

1.5

Prep Date: 11/19/2023 Analysis Date: 11/19/2023 SeqNo: 3726158 Units: mg/Kg

RPDLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

Chloride ND 1.5

Sample ID: MB-78898 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: 78898 RunNo: 101333

Prep Date: Analysis Date: 11/20/2023 SeqNo: 3727442 Units: mg/Kg 11/20/2023

Analyte Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual I owl imit

Chloride

Sample ID: LCS-78898 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: Batch ID: 78898 LCSS RunNo: 101333

Prep Date: Analysis Date: 11/20/2023 SeqNo: 3727443 11/20/2023 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte LowLimit

Chloride 14 1.5 15.00 n 91.1 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 12 of 17

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311677

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Fe	deral 1									
Sample ID: LCS-78851	SampType:	LCS	Tes	tCode: EPA Method	8015M/D: Diesel F	Range Organics				
Client ID: LCSS	Batch ID:	78851	F	RunNo: 101270						
Prep Date: 11/16/2023	Analysis Date:	11/17/2023	9	SeqNo: 3724368	Units: mg/Kg					
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC LowLimit	HighLimit %l	RPD RPDLimit	Qual			
Diesel Range Organics (DRO)	53	0 50.00	0	107 61.9	130					
Surr: DNOP	5.4	5.000		109 69	147					
Sample ID: MB-78851	SampType:	MBLK	Tes	tCode: EPA Method	8015M/D: Diesel F	Range Organics				
Client ID: PBS	Batch ID:	78851	F	RunNo: 101270						
Prep Date: 11/16/2023	Analysis Date:	11/17/2023	S	SeqNo: 3724369	Units: mg/Kg					
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC LowLimit	HighLimit %l	RPD RPDLimit	Qual			
Diesel Range Organics (DRO)	ND 1	10								
Motor Oil Range Organics (MRO)	ND 5	50								
Surr: DNOP	11	10.00		110 69	147					
Sample ID: LCS-78874	SampType:	LCS	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID:	78874	F	RunNo: 101310						
Prep Date: 11/17/2023	Analysis Date:	11/20/2023	8	SeqNo: 3726861	Units: mg/Kg					
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC LowLimit	HighLimit %l	RPD RPDLimit	Qual			
Diesel Range Organics (DRO)	45 1	50.00	0	89.5 61.9	130					
Surr: DNOP	4.8	5.000		96.1 69	147					
Sample ID: MB-78874	SampType:	MBLK	Tes	tCode: EPA Method	8015M/D: Diesel F	Range Organics				
Client ID: PBS	Batch ID:	78874	F	RunNo: 101310						
Prep Date: 11/17/2023	Analysis Date:	11/20/2023	8	SeqNo: 3726865	Units: mg/Kg					
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC LowLimit	HighLimit %l	RPD RPDLimit	Qual			
Diesel Range Organics (DRO)	ND 1	10								
Motor Oil Range Organics (MRO)	ND 5	50								
Surr: DNOP	9.4	10.00		94.4 69	147					

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2311677 29-Nov-23**

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Project:	Lynx Fede	eral I									
Sample ID:	lcs-78842	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	!	
Client ID:	LCSS	Batch	ID: 78 8	342	F	RunNo: 10	01265				
Prep Date:	11/16/2023	Analysis D	ate: 11	/17/2023	9	SeqNo: 37	723385	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	je Organics (GRO)	23 2000	5.0	25.00 1000	0	92.2 197	70 15	130 244			
	mb-78842		уре: МЕ		Tes			8015D: Gaso	line Pange		
Client ID:	PBS		ype. W. i ID: 78 8			RunNo: 10		0013D. Gaso	ille Kalige		
Prep Date:	11/16/2023		Analysis Date: 11/17/2023			SeqNo: 37		Units: mg/K	(a		
•	11/10/2023	•				•		•	•	DDD1: ''	0 1
Analyte	ge Organics (GRO)	Result ND	PQL 5.0	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	ge Organics (GNO)	930	5.0	1000		93.2	15	244			
Sample ID:	lcs-78846	SampT	SampType: LCS TestCode: EPA				PA Method	8015D: Gaso	line Range	1	
Client ID:	LCSS	Batch	Batch ID: 78846			RunNo: 10	01307				
Prep Date:	11/16/2023	Analysis D	ate: 11	/20/2023	S	SeqNo: 37	726718	Units: mg/K	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	25	5.0	25.00	0	100	70	130			
Surr: BFB		2200		1000		220	15	244			
Sample ID:	mb-78846	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	PBS	Batch	ID: 78 8	346	F	RunNo: 10	01307				
Prep Date:	11/16/2023	Analysis D	ate: 11	/20/2023	5	SeqNo: 37	726719	Units: mg/K	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	ND	5.0								
Surr: BFB		990		1000		99.4	15	244			
Sample ID:	2311677-007ams	SampT	уре: м .	<u> </u>	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	<u> </u>	
Client ID:	BH23-12 2'	Batch	ID: 78	346	F	RunNo: 10	01307				
Prep Date:	11/16/2023	Analysis D	ate: 11	/20/2023	5	SeqNo: 37	726721	Units: mg/K	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	21	4.8	23.88	0	86.2	70	130			
Surr: BFB		2100		955.1		215	15	244			
Sample ID:	2311677-007amsd	SampT	уре: МS	SD	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	BH23-12 2'	Batch	ID: 78	346	F	RunNo: 101307					
Prep Date:	11/16/2023	Analysis D	ate: 11	/20/2023	5	SeqNo: 37	726722	Units: mg/K	ζg		

Qualifiers:

Analyte

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.

Result

PQL

B Analyte detected in the associated Method Blank

LowLimit

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

SPK value SPK Ref Val %REC

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RPDLimit

Qual

%RPD

HighLimit

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311677**

Qual

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: 2311677-007amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: BH23-12 2' Batch ID: 78846 RunNo: 101307

Prep Date: 11/16/2023 Analysis Date: 11/20/2023 SeqNo: 3726722 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	
Gasoline Range Organics (GRO)	20	4.8	24.11	0	84.7	70	130	0.819	20	
Surr: BFB	2200		964.3		223	15	244	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2311677**

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: LCS-78842	SampT	ype: LC :	S	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch	n ID: 788	342	F	RunNo: 10					
Prep Date: 11/16/2023	Analysis Date: 11/17/2023			SeqNo: 3723388			Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	104	70	130			
Toluene	1.0	0.050	1.000	0	103	70	130			
Ethylbenzene	1.0	0.050	1.000	0	102	70	130			
Xylenes, Total	3.0	0.10	3.000	0	101	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	39.1	146			

Sample ID: mb-78842	SampType: MBLK TestCode:					e: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch	n ID: 788	342	F	RunNo: 10								
Prep Date: 11/16/2023	Analysis D	Analysis Date: 11/17/2023			SeqNo: 3723389 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	0.025											
Toluene	ND	0.050											
Ethylbenzene	ND	0.050											
Xylenes, Total	ND	0.10											
Surr: 4-Bromofluorobenzene	0.97		1.000		96.9	39.1	146						

Sample ID: Ics-78846	Samp	S	Tes	8021B: Volati	les					
Client ID: LCSS	Batcl	h ID: 78 8	346	F	RunNo: 10	01307				
Prep Date: 11/16/2023	Analysis [Date: 11	/20/2023	5	SeqNo: 3	726853	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.2	70	130			
Toluene	0.93	0.050	1.000	0	93.0	70	130			
Ethylbenzene	0.94	0.050	1.000	0	93.9	70	130			
Xylenes, Total	2.8	0.10	3.000	0	93.6	70	130			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.0	39.1	146			

Sample ID: mb-78846	SampT	уре: МВ	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch	n ID: 788	346	F	RunNo: 10					
Prep Date: 11/16/2023	Analysis Date: 11/20/2023			5	SeqNo: 37	726856	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.0	39.1	146			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2311677

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: 2311677-008ams	Samp ⁻	Гуре: МЅ	3	Tes	tCode: EF	les				
Client ID: BH23-13 0'	Batc	h ID: 78 8	346	F	RunNo: 10	01307				
Prep Date: 11/16/2023	Analysis [Date: 11	/21/2023	5	SeqNo: 37	726864	Units: mg/K			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.024	0.9718	0	88.6	70	130			
Toluene	0.88	0.049	0.9718	0	90.9	70	130			
Ethylbenzene	0.90	0.049	0.9718	0	92.9	70	130			
Xylenes, Total	2.7	0.097	2.915	0	92.1	70	130			
Surr: 4-Bromofluorobenzene 0.92 0.9718 94.2					39.1	146				

Sample ID: 2311677-008amsd	Samp	Гуре: МЅ	SD .	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH23-13 0'	Batc	h ID: 78 8	346	F								
Prep Date: 11/16/2023	Analysis [Date: 11	/21/2023	(Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.89	0.024	0.9709	0	91.7	70	130	3.37	20			
Toluene	0.92	0.049	0.9709	0	94.6	70	130	3.88	20			
Ethylbenzene	0.94	0.049	0.9709	0	96.7	70	130	3.96	20			
Xylenes, Total	2.8	0.097	2.913	0	95.7 70		130	3.75	20			
Surr: 4-Bromofluorobenzene 0.90 0.9709					93.0	39.1	146	0	0			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque. NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Released to Imaging: 8/9/2024 9:14:08 AM

Client Name: Vertex Resources	Work Order Num	ber: 2311677		RcptNo: 1
Received By: Juan Rojas	11/14/2023 7:40:00) AM	flant g	
Completed By: Tracy Casarrubias	11/14/2023 8:16:4	I AM		
Reviewed By: 5CM 11 14 23				
Chain of Custody				
1. Is Chain of Custody complete?		Yes	No 🗹	Not Present
2. How was the sample delivered?		Courier		
<u>Log In</u>				
3. Was an attempt made to cool the sample	s?	Yes 🗸	No 🗌	NA 🗌
4. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗆
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌	
6. Sufficient sample volume for indicated tes	t(s)?	Yes 🗹	No 🗌	
7_{\cdot} Are samples (except VOA and ONG) prop	erly preserved?	Yes 🗹	No 🗌	
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗌
9. Received at least 1 vial with headspace <	1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹
10. Were any sample containers received bro	ken?	Yes	No 🗹	# of preserved
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🔽	No 🗌	bottles checked for pH: (<2 or >12 unless noted
12. Are matrices correctly identified on Chain	of Custody?	Yes 🗹	No 🗌	Adjusted?
13. Is it clear what analyses were requested?		Yes 🗹	No 🗌	
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by: 7h 11 14 2
Special Handling (if applicable)				
15. Was client notified of all discrepancies with	h this order?	Yes 🗌	No 🗌	NA 🗹
Person Notified:	Date:		The state of the s	
By Whom:	Via:	eMail P	hone Fax	☐ In Person
Regarding:				
Client Instructions: Mailing address	s.phone number and Em	ail/Fax are missin	q on COC- TMC	11/14/23
16. Additional remarks:				
Client did not relinquish chain of cus	tody			
17. Cooler Information				
	Seal Intact Seal No	Seal Date	Signed By	
1 0 Good Y	es Morty			

C	Chain-of-Custody Record Client: Vertex (Deron)		Turn-Around	Time:					L	IAI		FI	MV	TE	20	NIN		NT	ΔI			
Client:	Verte	x (De	ron)		□ Standard	☑ Rush	50m				573750		OT PARTIES.	23-120-7						TO		
					Project Nam		gan de la					www	v.hal	lenv	ironr	ment	al.co	m				
Mailing	Address	: on -1	file		Lynx	Fedua			49	01 H	awki	ins N	IE -	Alb	uque	erqu	e, NI	VI 871	109			
		1			Project #:				Te	el. 50	5-34	15-39	975	F	ах	505-	345-	4107	mi dazi	100		
Phone 7	# :				23F	-02964	ta	N. N.			all 1177		A	naly	sis	Req	uest					
email o	r Fax#:		V		Project Mana	ager:	A TOP HE A	=	<u>ô</u>					SO ₄			£			0.000		
QA/QC I	Package:		☐ Level 4 (Full Valid	lation)	Kent	Stallin	u <	TMB's (8021)	TPB:8015D(GRO / DRO / MRO)	PCB's		8270SIMS		PO ₄ , §			Total Coliform (Present/Absent)	Sulant				
Accredi		☐ Az Co	, , , , , , , , , , , , , , , , , , , ,	ationy		2uch Eng	<u></u>	MB	DR(뒤	270		NO ₂ ,			sen				0.10	
□ NEL		□ Other	•		On Ice:	Yes	□ No	_	02	8081 Pesticides/8082	EDB (Method 504.1)	5	(n)			(A)	(Pre			100		
□ EDD	(Type)_				Morty	띮	(GF	cide	ğ	310	etal	S.	~	i-VC	E			1164				
					Cooler Temp	O(including CF):)-0.1=6 (°C)	P(EX) MTBE	150	esti	leth	PAHs by 8310	RCRA 8 Metals	CL)F, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	olife					
	8				Container	Preservative	HEAL No.		38€	31 P	B	옷	₹.	<u>ئىل</u> ا) OS	0,0	alc	100				
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Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

November 29, 2023

Kent Stallings
Vertex Resources Services, Inc.
3101 Boyd Drive
Carlsbad, NM 88220
TEL:
FAX:

RE: Lynx Federal 1 OrderNo.: 2311682

Dear Kent Stallings:

Eurofins Environment Testing South Central, LLC received 2 sample(s) on 11/14/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2311682

Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-13 3'

 Project:
 Lynx Federal 1
 Collection Date: 11/11/2023 9:00:00 AM

 Lab ID:
 2311682-001
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/20/2023 10:52:29 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/20/2023 10:52:29 PM
Surr: DNOP	83.0	69-147	%Rec	1	11/20/2023 10:52:29 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/21/2023 4:55:00 AM
Surr: BFB	99.9	15-244	%Rec	1	11/21/2023 4:55:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	11/21/2023 4:55:00 AM
Toluene	ND	0.048	mg/Kg	1	11/21/2023 4:55:00 AM
Ethylbenzene	ND	0.048	mg/Kg	1	11/21/2023 4:55:00 AM
Xylenes, Total	ND	0.097	mg/Kg	1	11/21/2023 4:55:00 AM
Surr: 4-Bromofluorobenzene	95.1	39.1-146	%Rec	1	11/21/2023 4:55:00 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	640	60	mg/Kg	20	11/20/2023 6:03:34 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

Analytical Report Lab Order 2311682

Date Reported: 11/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BH23-14 3'

 Project:
 Lynx Federal 1
 Collection Date: 11/11/2023 9:10:00 AM

 Lab ID:
 2311682-002
 Matrix: SOIL
 Received Date: 11/14/2023 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	11/20/2023 11:03:07 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/20/2023 11:03:07 PM
Surr: DNOP	88.5	69-147	%Rec	1	11/20/2023 11:03:07 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/21/2023 5:17:00 AM
Surr: BFB	98.4	15-244	%Rec	1	11/21/2023 5:17:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	11/21/2023 5:17:00 AM
Toluene	ND	0.049	mg/Kg	1	11/21/2023 5:17:00 AM
Ethylbenzene	ND	0.049	mg/Kg	1	11/21/2023 5:17:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/21/2023 5:17:00 AM
Surr: 4-Bromofluorobenzene	94.0	39.1-146	%Rec	1	11/21/2023 5:17:00 AM
EPA METHOD 300.0: ANIONS					Analyst: RBC
Chloride	510	60	mg/Kg	20	11/20/2023 6:15:58 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311682**

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: MB-78898 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **78898** RunNo: **101333**

Prep Date: 11/20/2023 Analysis Date: 11/20/2023 SeqNo: 3727442 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-78898 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 78898 RunNo: 101333

Prep Date: 11/20/2023 Analysis Date: 11/20/2023 SeqNo: 3727443 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 91.1 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311682

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: LCS-78874	SampT	ype: LC :	S	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch	ID: 788	374	F	RunNo: 10)1310							
Prep Date: 11/17/2023	Analysis D	ate: 11	/20/2023	8	726861	Units: mg/K	g						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Diesel Range Organics (DRO)	45	10	50.00	0	89.5	61.9	130						
Surr: DNOP	4.8		5.000		96.1	69	147						

Sample ID: MB-78874 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 78874 RunNo: 101310 Prep Date: 11/17/2023 Analysis Date: 11/20/2023 SeqNo: 3726865 Units: mg/Kg Analyte SPK value SPK Ref Val %REC LowLimit Result PQL HighLimit %RPD **RPDLimit** Qual Diocal Panga Organics (DPO)

Diesel Kalige Olyallics (DKO)	ND	10				
Motor Oil Range Organics (MRO)	ND	50				
Surr: DNOP	9.4	1	10.00	94.4	69	147

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311682**

29-Nov-23

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: Ics-78846 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 78846 RunNo: 101307 Prep Date: 11/16/2023 Analysis Date: 11/20/2023 SeqNo: 3726718 Units: mg/Kg PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 n 100 70 130 Surr: BFB 2200 1000 220 15 244

LowLimit

HighLimit

%RPD

RPDLimit

Qual

 Sample ID:
 mb-78846
 SampType:
 MBLK
 TestCode:
 EPA Method 8015D:
 Gasoline Range

 Client ID:
 PBS
 Batch ID:
 78846
 RunNo:
 101307

 Prep Date:
 11/16/2023
 Analysis Date:
 11/20/2023
 SeqNo:
 3726719
 Units:
 mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC
Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 99.4 15 244

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311682 29-Nov-23**

Client: Vertex Resources Services, Inc.

Project: Lynx Federal 1

Sample ID: Ics-78846	SampT	Гуре: LC	s	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch	h ID: 788	346	F	RunNo: 10	01307						
Prep Date: 11/16/2023	Analysis D	Date: 11	/20/2023	9	SeqNo: 37	726853	Units: mg/K					
Analyte	Result	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene	0.93	0.025	1.000	0	93.2	70	130					
Toluene	0.93	0.050	1.000	0	93.0	70	130					
Ethylbenzene	0.94	0.050	1.000	0	93.9	70	130					
Xylenes, Total	tal 2.8 0.10 3.000 0					70	130					
Surr: 4-Bromofluorobenzene 0.94 1.000					94.0	39.1	146					

Sample ID: mb-78846	SampT	Гуре: МЕ	BLK	Tes						
Client ID: PBS	Batch	h ID: 78 8	346	F	RunNo: 10	01307				
Prep Date: 11/16/2023	Analysis D	Date: 11	/20/2023	5	SeqNo: 37	726856	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.0	39.1	146			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 6

Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque. NM 87109

Sample Log-In Check List

Released to Imaging: 8/9/2024 9:14:08 AM

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Client Name: Vertex Resources	Work Order Num	ber: 2311682		RcptNo	o: 1
Received By: Juan Rojas	11/14/2023 7:40:00	O AM	Honsay.		
Completed By: Tracy Casarrubias	11/14/2023 8:44:40	. MAC			
Reviewed By: 5CM 11/14/73			·		
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗌	No 🗹	Not Present	
2. How was the sample delivered?		Courier			
Log In		🕞	🗆		
3. Was an attempt made to cool the s	amples?	Yes 🗹	No 📙	NA 🗌	
4. Were all samples received at a tem	perature of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗆	
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌		
6. Sufficient sample volume for indicat	ed test(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG	6) properly preserved?	Yes 🗹	No 🗌		
8. Was preservative added to bottles?		Yes	No 🗹	NA 🗌	
9. Received at least 1 vial with headsp	ace <1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any sample containers receive	ed broken?	Yes 🗌	No 🗹	# of preserved	
11. Does paperwork match bottle labels (Note discrepancies on chain of cus		Yes 🗹	No 🗆	bottles checked for pH: (<2 c	or >12 unless noted)
12. Are matrices correctly identified on	Chain of Custody?	Yes 🗹	No 🗌	Adjusted?	
13. Is it clear what analyses were reque	sted?	Yes 🗹	No 🗌		
 Were all holding times able to be m (If no, notify customer for authorizat 		Yes 🗹	No 🗆	Checked by:	Ju 11/14/2
Special Handling (if applicable	2)				
15. Was client notified of all discrepand	cies with this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date				
By Whom:	Via:	eMail	Phone 🗌 Fax	In Person	
Regarding:					
Client Instructions: Mailing a	address,phone number and En	nail/Fax are missi	na on COC- TM	C 11/14/23	
16. Additional remarks:					
Client did not relinquish chair	of custody				
17. Cooler Information					
Cooler No Temp °C Condi	tion Seal Intact Seal No	Seal Date	Signed By		

Chain-or-Custody Record		Turn-Around						н	A I I	F	NV	TE	20	NM	EN	ITA	L			
Client:	Verte	× LD.	e ron)		Standard		5 Day				Al	A	LY:	SIS	S L		BOF			
Mailing	Address	· OA	file		Lynx	Federa	(L)		490)1 Ha	awkin	NE	- All	buqu	erqu	ie, Ni	vi 871	09		
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Phone :	# :		1				Q 1						100000	ysıs	Req	uest		-		
email o			V	81 SE	Project Mana			21)	RO)	S	١,	٥	SO4	1	- 4	sent				
QA/QC	Package: dard		□ Level 4 (Full Va	alidation)		t Stal		TMB's (8021)	RO/M	2 PCB's		027 USIIMIS	2, PO4,			ent/Ab				
Accredi		☐ Az Co☐ Other	ompliance r		Sampler: 7	Yes '	glebe// - No 70 11/14/23	5	RO / D	98/808	504.1)	<u> </u>	3, NO ₂ ,	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	OA)	(Pres				
□ EDD	(Type)		1		# of Coolers:		1-01=0Wort9	MTBE,	D)C	ticide	hod	Metals	2	8	j-F	form				
Date		Matrix	Sample Name		Cooler Temp Container Type and #	Preservative Type	HEAL NO. 2311682	RIEX) N	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PARS BY 6310 C	CF, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	ries :			
11-11-23	9:00	Soil	BH23 - 13	3-	liar	ice	001	1										512 PH	7.1216.9	
11-11-23		Sail	BH23-14	3-	1 jar	ice	007	\bigvee	V	\dashv	199		1			a direct	1 100	y see	10 J	6
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Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

December 05, 2023

Kent Stallings
Devon Energy
6488 Seven Rivers Highway
Artesia, NM 88210

TEL: (575) 748-0176

FAX:

RE: Lynx Federal 1 OrderNo.: 2311A09

Dear Kent Stallings:

Eurofins Environment Testing South Central, LLC received 4 sample(s) on 11/18/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 12/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy Client Sample ID: BH23-15 0.0'

 Project:
 Lynx Federal 1
 Collection Date: 11/16/2023 9:00:00 AM

 Lab ID:
 2311A09-001
 Matrix: SOIL
 Received Date: 11/18/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	RGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	8.8	mg/Kg	1	11/29/2023 11:08:39 AM
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	11/29/2023 11:08:39 AM
Surr: DNOP	80.7	69-147	%Rec	1	11/29/2023 11:08:39 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/27/2023 2:12:33 PM
Surr: BFB	91.6	15-244	%Rec	1	11/27/2023 2:12:33 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	11/27/2023 2:12:33 PM
Toluene	ND	0.049	mg/Kg	1	11/27/2023 2:12:33 PM
Ethylbenzene	ND	0.049	mg/Kg	1	11/27/2023 2:12:33 PM
Xylenes, Total	ND	0.097	mg/Kg	1	11/27/2023 2:12:33 PM
Surr: 4-Bromofluorobenzene	97.3	39.1-146	%Rec	1	11/27/2023 2:12:33 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	11/29/2023 12:13:19 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 12/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy Client Sample ID: BH23-15 2.0'

Project: Lynx Federal 1 **Collection Date:** 11/16/2023 9:10:00 AM 2311A09-002 Lab ID: Matrix: SOIL Received Date: 11/18/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	8.8	mg/Kg	1	11/28/2023 7:12:02 PM
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	11/28/2023 7:12:02 PM
Surr: DNOP	98.2	69-147	%Rec	1	11/28/2023 7:12:02 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/27/2023 2:35:54 PM
Surr: BFB	88.4	15-244	%Rec	1	11/27/2023 2:35:54 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	11/27/2023 2:35:54 PM
Toluene	ND	0.048	mg/Kg	1	11/27/2023 2:35:54 PM
Ethylbenzene	ND	0.048	mg/Kg	1	11/27/2023 2:35:54 PM
Xylenes, Total	ND	0.095	mg/Kg	1	11/27/2023 2:35:54 PM
Surr: 4-Bromofluorobenzene	94.0	39.1-146	%Rec	1	11/27/2023 2:35:54 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	11/29/2023 12:25:44 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Date Reported: 12/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy Client Sample ID: BH23-16 0.0'

 Project:
 Lynx Federal 1
 Collection Date: 11/16/2023 9:20:00 AM

 Lab ID:
 2311A09-003
 Matrix: SOIL
 Received Date: 11/18/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/28/2023 7:22:23 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/28/2023 7:22:23 PM
Surr: DNOP	117	69-147	%Rec	1	11/28/2023 7:22:23 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/27/2023 2:59:17 PM
Surr: BFB	88.3	15-244	%Rec	1	11/27/2023 2:59:17 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.023	mg/Kg	1	11/27/2023 2:59:17 PM
Toluene	ND	0.047	mg/Kg	1	11/27/2023 2:59:17 PM
Ethylbenzene	ND	0.047	mg/Kg	1	11/27/2023 2:59:17 PM
Xylenes, Total	ND	0.094	mg/Kg	1	11/27/2023 2:59:17 PM
Surr: 4-Bromofluorobenzene	94.0	39.1-146	%Rec	1	11/27/2023 2:59:17 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	11/29/2023 12:38:09 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 12/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy Client Sample ID: BH23-16 2.0'

 Project:
 Lynx Federal 1
 Collection Date: 11/16/2023 9:30:00 AM

 Lab ID:
 2311A09-004
 Matrix: SOIL
 Received Date: 11/18/2023 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	11/28/2023 7:32:43 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/28/2023 7:32:43 PM
Surr: DNOP	121	69-147	%Rec	1	11/28/2023 7:32:43 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/27/2023 3:46:05 PM
Surr: BFB	91.7	15-244	%Rec	1	11/27/2023 3:46:05 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	11/27/2023 3:46:05 PM
Toluene	ND	0.049	mg/Kg	1	11/27/2023 3:46:05 PM
Ethylbenzene	ND	0.049	mg/Kg	1	11/27/2023 3:46:05 PM
Xylenes, Total	ND	0.097	mg/Kg	1	11/27/2023 3:46:05 PM
Surr: 4-Bromofluorobenzene	93.7	39.1-146	%Rec	1	11/27/2023 3:46:05 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	11/29/2023 12:50:33 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311A09** *05-Dec-23*

Client: Devon Energy
Project: Lynx Federal 1

Sample ID: MB-79035 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 79035 RunNo: 101444

Prep Date: 11/28/2023 Analysis Date: 11/28/2023 SeqNo: 3733080 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-79035 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 79035 RunNo: 101444

Prep Date: 11/28/2023 Analysis Date: 11/28/2023 SeqNo: 3733081 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.5 90 110

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311A09** *05-Dec-23*

Client: Devon Energy
Project: Lynx Federal 1

Sample ID: LCS-78965 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCS Batch ID: 78965 RunNo: 101429

Prep Date: 11/22/2023 Analysis Date: 11/28/2023 SeqNo: 3732955 Units: mg/Kg

Analyte **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 10 Diesel Range Organics (DRO) 47 50.00 0 94.7 61.9 130 Surr: DNOP 4.7 5.000 93.7 147

Sample ID: MB-78965 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 78965 RunNo: 101429 Analysis Date: 11/28/2023 Prep Date: 11/22/2023 SeqNo: 3732957 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Diesel Range Organics (DRO) ND 10
Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 10 10.00 101 69 147

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311A09**

05-Dec-23

Client: Devon Energy
Project: Lynx Federal 1

Sample ID: Ics-78950 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 78950 RunNo: 101398

Prep Date: 11/22/2023 Analysis Date: 11/27/2023 SeqNo: 3730673 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 20 5.0 25.00 0 81.5 70 130

Surr: BFB 1700 1000 172 15 244

Sample ID: mb-78950 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 78950 RunNo: 101398

Prep Date: 11/22/2023 Analysis Date: 11/27/2023 SeqNo: 3730674 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 860 1000 86.2 15 244

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311A09** *05-Dec-23*

Client: Devon Energy
Project: Lynx Federal 1

Sample ID: LCS-78950 Client ID: LCSS Prep Date: 11/22/2023	•	Type: LC h ID: 789 Date: 11	950	F	tCode: EFRunNo: 10	01398	8021B: Volatiles Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.9	70	130			
Toluene	0.97	0.050	1.000	0	96.8	70	130			
Ethylbenzene	0.95	0.050	1.000	0	94.7	70	130			
Xylenes, Total	2.8	0.10	3.000	0	94.7	70	130			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.7	39.1	146			

Sample ID: mb-78950	Samp ⁻	Гуре: МЕ	BLK	Tes	PA Method	od 8021B: Volatiles							
Client ID: PBS	Batc	h ID: 78 9	950	F	RunNo: 10	01398							
Prep Date: 11/22/2023	Analysis [Date: 11	/27/2023	5	SeqNo: 3	730677	Units: mg/K	g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	0.025											
Toluene	ND	0.050											
Ethylbenzene	ND	0.050											
Xylenes, Total	ND	0.10											
Surr: 4-Bromofluorobenzene	0.93		1.000		93.3	39.1	146						

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S $\,\,$ % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Eurofins Environment Testing South Central, LLC

4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Devon Energy	Work Order Num	nber: 2311A09		RcptNo	: 1
Received By: Tracy Casarrubias	11/18/2023 7:30:0	0 AM			
Completed By: Tracy Casarrubias	11/19/2023 8:07:5	4 AM			
Reviewed By: # 11-20-23					
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗌	No 🗹	Not Present	
2. How was the sample delivered?		Courier			
Log In					
3. Was an attempt made to cool the samp	oles?	Yes 🗹	No 🗌	NA 🗆	
A. W	7		No 🗌	🗖	
Were all samples received at a tempera	ature of >0° C to 6.0°C	Yes 🗸	NO 🗀	NA 🗆	
5. Sample(s) in proper container(s)?		Yes 🔽	No 🗌		
Sufficient sample volume for indicated t	est(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) pr	operly preserved?	Yes 🗹	No 🗌		
8. Was preservative added to bottles?		Yes	No 🗹	NA \square	
Received at least 1 vial with headspace	<1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any sample containers received I		Yes	No 🗸		
				# of preserved bottles checked	
11. Does paperwork match bottle labels?	á	Yes 🗸	No 🗆	for pH:	r >12 unless noted)
(Note discrepancies on chain of custod) 12. Are matrices correctly identified on Cha		Yes 🗸	No 🗌	Adjusted?	1 > 12 unless noted)
13. Is it clear what analyses were requested		Yes 🗸	No 🗆		
14. Were all holding times able to be met?		Yes 🗹	No 🗆	Checked by:	741/20/23
(If no, notify customer for authorization.)	,,,,			, , , , ,
Special Handling (if applicable)					
15. Was client notified of all discrepancies	with this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date	e: [
By Whom:	Via:	eMail	Phone Fax	☐ In Person	
Regarding:					
Client Instructions: Mailing addr	ess,phone number and Er	nail/Fax are miss	ing on COC- TM	C 11/18/23	
16. Additional remarks:					
Client did not relinquish chain of	custody				
17. Cooler Information					
Cooler No Temp °C Condition 1 1.1 Good	Seal Intact Seal No Yes Morty	Seal Date	Signed By		

Chain-of-Company Direct Mailing Address:	n B,//	Standard Project Nam		1				AI w	AV.	LY	SI:	S L	AB tal.com		ATO	
Phone #:		Project #:	02964					iwkin: 5-345		5		505	-345-4	87109 107		
email or Fax#: QA/QC Package: □ Standard	☐ Level 4 (Full Validation)	Project Mana	ager: L Stallin	35	TMB's (8021)	O / MRO)	PCB's	OFFICE	COLINICO	00	2		nt/Absent)			
Accreditation:	ompliance r	Sampler: On Ice: # of Coolers Cooler Temp	Yes	No morty -Ø: 1.1 (°C) HEAL No.	BE/	(TPH)8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	FAIRS BY 63 IU OI 627 USINIS	CI E Br NO NO		8270 (Semi-VOA)	Total Coliform (Present/Absent)			9
Date Time Matrix 6-23 0900 Sor (0910 0920 0930	Sample Name 8(423-15 0.0 8(423-15 2.0 8(423-16 0.0 8(423-16 2.0)		Type /CE	2311A09 601 607 603 609		1	08				2 8	82.	- To			
2024 3:40:13 PM																
Relinquisi		Received by:	Via:	Date Time	Rer	nark	s:	<i>C</i> :	0	Ks	hai	1/12	rent	ex c	lex.	09

Released to Imaging: 8/9/2024 9:14:08 AM

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.

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/24/2024 1:35:04 PM

JOB DESCRIPTION

Lynx Federal 1

JOB NUMBER

885-2963-1

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 4/24/2024 1:35:04 PM

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

Page 2 of 55 4/24/2024

Client: Vertex Laboratory Job ID: 885-2963-1

Project/Site: Lynx Federal 1

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Definitions/Glossary

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Qualifiers

GC Semi VOA

Qualifier **Qualifier Description**

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

applicable.

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

HPLC/IC

Qualifier **Qualifier Description**

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

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

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA 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)

Negative / Absent NEG POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RLReporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) **TEQ**

Too Numerous To Count **TNTC**

Eurofins Albuquerque

Case Narrative

Client: Vertex Job ID: 885-2963-1

Project: Lynx Federal 1

Job ID: 885-2963-1 Eurofins Albuquerque

Job Narrative 885-2963-1

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 4/17/2024 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 0.6°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: Surrogate recovery for the following sample was outside the upper control limit: BH24-18 2' (885-2963-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Eurofins Albuquerque

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Client Sample Results

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-17 0'

Lab Sample ID: 885-2963-1

te Collected: 04/12/24 10:30	Matrix: Solid
te Received: 04/17/24 07:50	

Method: SW846 8015D - Gaso	line Range	Organics	(GRO) (GC)				
Analyte Gasoline Range Organics [C6 - C10]	Result ND	Qualifier	RL 4.6	 <u>D</u>	Prepared 04/17/24 15:27	Analyzed 04/18/24 19:02	Dil Fac
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery	Qualifier	Limits 15 - 244		Prepared 04/17/24 15:27	Analyzed 04/18/24 19:02	Dil Fac

Method: SW846 8021B - Vo Analyte	Result C	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND		0.023	mg/Kg		04/17/24 15:27	04/18/24 19:02	1
Ethylbenzene	ND		0.046	mg/Kg		04/17/24 15:27	04/18/24 19:02	1
Toluene	ND		0.046	mg/Kg		04/17/24 15:27	04/18/24 19:02	1
Xylenes, Total	ND		0.093	mg/Kg		04/17/24 15:27	04/18/24 19:02	1
Surrogate	%Recovery G	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			39 - 146			04/17/24 15:27	04/18/24 19:02	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		04/18/24 16:14	04/19/24 11:04	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		04/18/24 16:14	04/19/24 11:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			04/18/24 16:14	04/19/24 11:04	1

Wethou: EPA 300.0 - Anions, I	on Chromat	ograpny						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg	_	04/19/24 07:24	04/19/24 10:11	20

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Chloride

Client Sample ID: BH24-17 2' Lab Sample ID: 885-2963-2

Date Collected: 04/12/24 10:45 **Matrix: Solid**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		04/17/24 15:27	04/18/24 19:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 244			04/17/24 15:27	04/18/24 19:24	1
Method: SW846 8021B - Volat	ile Organic	Compoun	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		04/17/24 15:27	04/18/24 19:24	1
Ethylbenzene	ND		0.047	mg/Kg		04/17/24 15:27	04/18/24 19:24	1
Toluene	ND		0.047	mg/Kg		04/17/24 15:27	04/18/24 19:24	1
Xylenes, Total	ND		0.093	mg/Kg		04/17/24 15:27	04/18/24 19:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		39 - 146			04/17/24 15:27	04/18/24 19:24	1
Method: SW846 8015D - Diese	el Range Or	ganics (DF	RO) (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		04/18/24 16:14	04/19/24 11:27	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		04/18/24 16:14	04/19/24 11:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			04/18/24 16:14	04/19/24 11:27	1
Method: EPA 300.0 - Anions,	on Chroma	tography						

60

390

mg/Kg

04/19/24 07:24 04/19/24 10:26

Date Received: 04/17/24 07:50

20

Client Sample Results

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-18 0'

Lab Sample ID: 885-2963-3 Date Collected: 04/12/24 11:00 Matrix: Solid

Date Received: 04/17/24 07:50

Method: SW846 8015D - Gaso	_	_	. , , ,	1124	_	D	Ameliand	D" F
Analyte	Result	Qualifier	RL	Unit	_ D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/17/24 15:27	04/18/24 19:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 244			04/17/24 15:27	04/18/24 19:46	1
Method: SW846 8021B - Volat Analyte	_	Qualifier	as (GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	Qualifier	0.024	<u></u>	_ =	04/17/24 15:27	04/18/24 19:46	1
				0 0				,
Ethylbenzene	ND		0.048	mg/Kg		04/17/24 15:27	04/18/24 19:46	1
Toluene	ND		0.048	mg/Kg		04/17/24 15:27	04/18/24 19:46	1
Xylenes, Total	ND		0.096	mg/Kg		04/17/24 15:27	04/18/24 19:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		39 - 146			04/17/24 15:27	04/18/24 19:46	

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		04/18/24 16:14	04/19/24 11:51	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		04/18/24 16:14	04/19/24 11:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	114		62 - 134			04/18/24 16:14	04/19/24 11:51	1

Method: EPA 300.0 - Anions, I	on Chromatography						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND -	60	mg/Kg		04/19/24 07:24	04/19/24 10:41	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-18 2'

Lab Sample ID: 885-2963-4

Date Collected: 04/12/24 11:15 Matrix: Solid Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/17/24 15:27	04/18/24 20:08	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	98		15 - 244			04/17/24 15:27	04/18/24 20:08	
Method: SW846 8021B - Volat	ile Organic	Compoun	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	ND		0.024	mg/Kg		04/17/24 15:27	04/18/24 20:08	
Ethylbenzene	ND		0.048	mg/Kg		04/17/24 15:27	04/18/24 20:08	
Toluene	ND		0.048	mg/Kg		04/17/24 15:27	04/18/24 20:08	
Xylenes, Total	ND		0.097	mg/Kg		04/17/24 15:27	04/18/24 20:08	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	88		39 - 146			04/17/24 15:27	04/18/24 20:08	
Method: SW846 8015D - Diese	el Range Or	ganics (DF	RO) (GC)					
		•	, , ,			_		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
	Result ND	Qualifier	RL 8.4	Unit mg/Kg	_ D	Prepared 04/18/24 16:14	Analyzed 04/19/24 12:14	Dil Fa
Diesel Range Organics [C10-C28]		Qualifier			<u>D</u>	04/18/24 16:14		Dil Fa
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	ND		8.4	mg/Kg	<u>D</u>	04/18/24 16:14	04/19/24 12:14	
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	ND ND		8.4	mg/Kg	<u>D</u>	04/18/24 16:14 04/18/24 16:14 Prepared	04/19/24 12:14 04/19/24 12:14	Dil Fa
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, I	ND ND %Recovery 149	Qualifier S1+	8.4 42 <i>Limits</i>	mg/Kg	<u>D</u>	04/18/24 16:14 04/18/24 16:14 Prepared	04/19/24 12:14 04/19/24 12:14 Analyzed	Dil Fa
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	ND ND %Recovery 149	Qualifier S1+	8.4 42 <i>Limits</i>	mg/Kg	<u>D</u>	04/18/24 16:14 04/18/24 16:14 Prepared	04/19/24 12:14 04/19/24 12:14 Analyzed	Dil Fa

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-18 4' Lab Sample ID: 885-2963-5

Date Collected: 04/12/24 11:30 Matrix: Solid

Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/17/24 15:27	04/18/24 20:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 244			04/17/24 15:27	04/18/24 20:30	1
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/17/24 15:27	04/18/24 20:30	1
Ethylbenzene	ND		0.049	mg/Kg		04/17/24 15:27	04/18/24 20:30	1
Toluene	ND		0.049	mg/Kg		04/17/24 15:27	04/18/24 20:30	1
Xylenes, Total	ND		0.097	mg/Kg		04/17/24 15:27	04/18/24 20:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		39 - 146			04/17/24 15:27	04/18/24 20:30	1
Method: SW846 8015D - Diese	el Range Or	ganics (DR	(C) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		04/18/24 16:14	04/19/24 12:38	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		04/18/24 16:14	04/19/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103	-	62 - 134			04/18/24 16:14	04/19/24 12:38	1
Method: EPA 300.0 - Anions, I	on Chromat	tography						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	380		60	mg/Kg		04/19/24 07:24	04/19/24 11:11	20

Client Sample ID: BH24-19 0'

Date Collected: 04/12/24 11:45 **Matrix: Solid** Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6	mg/Kg		04/17/24 15:27	04/18/24 20:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 244			04/17/24 15:27	04/18/24 20:51	1
Method: SW846 8021B - Volat	tile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		04/17/24 15:27	04/18/24 20:51	1
Ethylbenzene	ND		0.046	mg/Kg		04/17/24 15:27	04/18/24 20:51	1
Toluene	ND		0.046	mg/Kg		04/17/24 15:27	04/18/24 20:51	1
Xylenes, Total	ND		0.092	mg/Kg		04/17/24 15:27	04/18/24 20:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		39 - 146			04/17/24 15:27	04/18/24 20:51	1
Method: SW846 8015D - Diese	el Range Or	ganics (DR	(O) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		04/18/24 16:14	04/19/24 13:02	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		04/18/24 16:14	04/19/24 13:02	1
Motor On Range Organics [020-040]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits 62 - 134			Prepared 04/18/24 16:14	Analyzed 04/19/24 13:02	Dil Fac
0 0 1 7	99							Dil Fac
Surrogate Di-n-octyl phthalate (Surr)	99 Ion Chroma			Unit	D			Dil Fac

Client: Vertex Job ID: 885-2963-1 Project/Site: Lynx Federal 1 Lab Sample ID: 885-2963-6

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Chloride

Client Sample ID: BH24-19 2' Lab Sample ID: 885-2963-7

Date Collected: 04/12/24 12:00 Matrix: Solid
Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/17/24 15:27	04/18/24 21:13	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		15 - 244			04/17/24 15:27	04/18/24 21:13	
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/17/24 15:27	04/18/24 21:13	
Ethylbenzene	ND		0.049	mg/Kg		04/17/24 15:27	04/18/24 21:13	•
Toluene	ND		0.049	mg/Kg		04/17/24 15:27	04/18/24 21:13	•
Xylenes, Total	ND		0.097	mg/Kg		04/17/24 15:27	04/18/24 21:13	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	89		39 - 146			04/17/24 15:27	04/18/24 21:13	
Method: SW846 8015D - Diese	el Range Or	ganics (DF	(GC)					
		Qualifier	, , , RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Nesun							
	ND		9.8	mg/Kg		04/18/24 16:14	04/19/24 13:25	1
Diesel Range Organics [C10-C28]			9.8	mg/Kg mg/Kg			04/19/24 13:25 04/19/24 13:25	
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	ND			0 0				Dil Fa
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	ND ND		49	0 0		04/18/24 16:14	04/19/24 13:25 Analyzed	Dil Fac
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	ND ND %Recovery 97	Qualifier	49 Limits	0 0		04/18/24 16:14 Prepared	04/19/24 13:25 Analyzed	Dil Fac

60

mg/Kg

ND

04/19/24 07:24 04/19/24 14:00

20

Client Sample Results

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-20 0' Lab Sample ID: 885-2963-8

Date Collected: 04/12/24 11:30 Matrix: Solid

Date Received: 04/17/24 07:50

Result Qualifier

ND

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		04/17/24 15:27	04/18/24 21:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 244			04/17/24 15:27	04/18/24 21:35	1
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/17/24 15:27	04/18/24 21:35	1
Ethylbenzene	ND		0.050	mg/Kg		04/17/24 15:27	04/18/24 21:35	1
Toluene	ND		0.050	mg/Kg		04/17/24 15:27	04/18/24 21:35	1
Xylenes, Total	ND		0.099	mg/Kg		04/17/24 15:27	04/18/24 21:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		39 - 146			04/17/24 15:27	04/18/24 21:35	1
Method: SW846 8015D - Diese	el Range Or	ganics (DF	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		04/18/24 16:14	04/19/24 13:49	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		04/18/24 16:14	04/19/24 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			04/18/24 16:14	04/19/24 13:49	

RL

60

Unit

mg/Kg

Eurofins Albuquerque

Analyzed

04/19/24 07:24 04/19/24 14:15

Prepared

Dil Fac

20

-

3

4

6

8

10

11

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte

Chloride

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Surrogate

Analyte

Chloride

Di-n-octyl phthalate (Surr)

Date Received: 04/17/24 07:50

Client Sample ID: BH24-20 2'

Lab Sample ID: 885-2963-9 Date Collected: 04/12/24 11:45

Matrix: Solid

Prepared

Prepared

04/18/24 14:19 04/22/24 11:44

Analyzed

Analyzed

Dil Fac

Dil Fac

20

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/18/24 11:36	04/19/24 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		15 - 244			04/18/24 11:36	04/19/24 13:28	1
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/18/24 11:36	04/19/24 13:28	1
Ethylbenzene	ND		0.048	mg/Kg		04/18/24 11:36	04/19/24 13:28	1
Toluene	ND		0.048	mg/Kg		04/18/24 11:36	04/19/24 13:28	1
Xylenes, Total	ND		0.097	mg/Kg		04/18/24 11:36	04/19/24 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		39 - 146			04/18/24 11:36	04/19/24 13:28	1
Method: SW846 8015D - Diese	el Range Or	ganics (DF	RO) (GC)					
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		04/18/24 14:19	04/22/24 11:44	1
	ND		47	mg/Kg		04/18/24 14:19	04/22/24 11:44	

Limits

62 - 134

RL

60

Unit

mg/Kg

%Recovery Qualifier

Result Qualifier

104

120

Method: EPA 300.0 - Anions, Ion Chromatography

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-20 3'

Lab Sample ID: 885-2963-10

Date Collected: 04/12/24 11:48 **Matrix: Solid** Date Received: 04/17/24 07:50

Mathadi CW04C 004ED Casalina Danga Organica (CDO) (CC)
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	_	04/18/24 11:36	04/19/24 14:08	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		15 - 244			04/18/24 11:36	04/19/24 14:08	1	

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

WELLIOU. SYVOHO OUZ ID - VOIA	ine Organic Compour	ilus (GC)					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	0.024	mg/Kg		04/18/24 11:36	04/19/24 14:08	1
Ethylbenzene	ND	0.048	mg/Kg		04/18/24 11:36	04/19/24 14:08	1
Toluene	ND	0.048	mg/Kg		04/18/24 11:36	04/19/24 14:08	1
Xylenes, Total	ND	0.095	mg/Kg		04/18/24 11:36	04/19/24 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		39 - 146	04/18/24 11:36	04/19/24 14:08	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	10	mg/Kg		04/18/24 14:19	04/22/24 12:08	1
Motor Oil Range Organics [C28-C40]	ND	50	mg/Kg		04/18/24 14:19	04/22/24 12:08	1
Surrogate	%Recovery Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94	62 - 134	04/18/24 14:19	04/22/24 12:08	1

Method: EPA 300.0 - Anions, Id	on Chromatography						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83	60	mg/Kg		04/19/24 07:24	04/19/24 14:45	20

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-24 0' Lab Sample ID: 885-2963-11

Date Collected: 04/15/24 10:30 Matrix: Solid

Date Received: 04/17/24 07:50

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		04/18/24 11:36	04/19/24 14:32	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	105		15 - 244			04/18/24 11:36	04/19/24 14:32	
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	ND		0.023	mg/Kg		04/18/24 11:36	04/19/24 14:32	
Ethylbenzene	ND		0.047	mg/Kg		04/18/24 11:36	04/19/24 14:32	
Toluene	ND		0.047	mg/Kg		04/18/24 11:36	04/19/24 14:32	
Xylenes, Total	ND		0.093	mg/Kg		04/18/24 11:36	04/19/24 14:32	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	84		39 - 146			04/18/24 11:36	04/19/24 14:32	
Method: SW846 8015D - Diese	el Range Or	ganics (DF	RO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Diesel Range Organics [C10-C28]	10		9.5	mg/Kg		04/18/24 14:19	04/22/24 12:56	-
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		04/18/24 14:19	04/22/24 12:56	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
Di-n-octyl phthalate (Surr)	81		62 - 134			04/18/24 14:19	04/22/24 12:56	-
Method: EPA 300.0 - Anions, I	on Chroma	tography						
Analyte		Qualifier	RL	Unit			Analyzed	Dil F

60

mg/Kg

100

04/19/24 07:24 04/19/24 15:01

2

3

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7

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10

11

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-24 2' Lab Sample ID: 885-2963-12

Date Collected: 04/15/24 10:45

Matrix: Solid

Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/18/24 11:36	04/19/24 14:55	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	105		15 - 244			04/18/24 11:36	04/19/24 14:55	
Method: SW846 8021B - Volati	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	ND		0.024	mg/Kg		04/18/24 11:36	04/19/24 14:55	
Ethylbenzene	ND		0.049	mg/Kg		04/18/24 11:36	04/19/24 14:55	
Toluene	ND		0.049	mg/Kg		04/18/24 11:36	04/19/24 14:55	
Xylenes, Total	ND		0.098	mg/Kg		04/18/24 11:36	04/19/24 14:55	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	83		39 - 146			04/18/24 11:36	04/19/24 14:55	
Method: SW846 8015D - Diese	I Range Or	ganics (DF	RO) (GC)					
monioa. Offutu uu lub - Diese						Daniel and all	A	
	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte	_	Qualifier	9.6 —	Unit mg/Kg	<u>D</u>	04/18/24 14:19	04/22/24 13:20	Dil Fa
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics	Result	Qualifier			<u>D</u>	04/18/24 14:19		Dil Fa
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	Result 240		9.6	mg/Kg	<u>D</u>	04/18/24 14:19	04/22/24 13:20	Dil Fa
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Result 240 440		9.6 48	mg/Kg	<u>D</u>	04/18/24 14:19 04/18/24 14:19	04/22/24 13:20 04/22/24 13:20	
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result 240 440	Qualifier	9.6 48 Limits	mg/Kg	<u>D</u>	04/18/24 14:19 04/18/24 14:19 Prepared	04/22/24 13:20 04/22/24 13:20 Analyzed	
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Idanalyte	Result 240 440 %Recovery 114 on Chromat	Qualifier	9.6 48 Limits	mg/Kg	<u>D</u>	04/18/24 14:19 04/18/24 14:19 Prepared	04/22/24 13:20 04/22/24 13:20 Analyzed	

Client: Vertex

Client Sample ID: BH24-26 0'

Lab Sample ID: 885-2963-13 Date Collected: 04/15/24 10:00 **Matrix: Solid**

Date Received: 04/17/24 07:50

4-Bromofluorobenzene (Surr)

Date Received: 04/17/24 07:50								
Method: SW846 8015D - Gasol	line Range Or	rganics (GRO) (GC)					
Analyte	Result Q	ualifier	RL	Unit E	Prepared	Analyzed	Dil Fac	5
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg	04/18/24 11:36	04/19/24 15:19	1	

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 104 15 - 244 04/18/24 11:36 04/19/24 15:19

Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND		0.025	mg/Kg		04/18/24 11:36	04/19/24 15:19	1
Ethylbenzene	ND		0.049	mg/Kg		04/18/24 11:36	04/19/24 15:19	1
Toluene	ND		0.049	mg/Kg		04/18/24 11:36	04/19/24 15:19	1
Xylenes, Total	ND		0.098	mg/Kg		04/18/24 11:36	04/19/24 15:19	1
Surrogate	%Recovery (Qualifier	Limits			Prepared	Analyzed	Dil Fac

39 - 146

83

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		04/18/24 14:19	04/19/24 16:47	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		04/18/24 14:19	04/19/24 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			04/18/24 14:19	04/19/24 16:47	1

Method: EPA 300.0 - Anions, Id	on Chromatography						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND	60	mg/Kg		04/19/24 07:24	04/19/24 15:31	20

Eurofins Albuquerque

Job ID: 885-2963-1 Project/Site: Lynx Federal 1

04/18/24 11:36 04/19/24 15:19

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-26 2' Lab Sample ID: 885-2963-14

Date Collected: 04/15/24 10:15 **Matrix: Solid**

Date Received: 04/17/24 07:50

Released to Imaging: 8/9/2024 9:14:08 AM

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		04/18/24 11:36	04/19/24 15:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 244			04/18/24 11:36	04/19/24 15:42	1
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/18/24 11:36	04/19/24 15:42	1
Ethylbenzene	ND		0.050	mg/Kg		04/18/24 11:36	04/19/24 15:42	1
Toluene	ND		0.050	mg/Kg		04/18/24 11:36	04/19/24 15:42	1
Xylenes, Total	ND		0.10	mg/Kg		04/18/24 11:36	04/19/24 15:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		39 - 146			04/18/24 11:36	04/19/24 15:42	1
Method: SW846 8015D - Diese	el Range Or	ganics (DF	RO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		04/18/24 14:19	04/19/24 16:59	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		04/18/24 14:19	04/19/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			04/18/24 14:19	04/19/24 16:59	1
Method: EPA 300.0 - Anions, I								Dil F
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	

04/19/24 07:24 04/19/24 15:46 Chloride ND 60 mg/Kg

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Chloride

Released to Imaging: 8/9/2024 9:14:08 AM

Client Sample ID: BH24-27 0' Lab Sample ID: 885-2963-15

Date Collected: 04/15/24 12:00 **Matrix: Solid** Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/18/24 11:36	04/19/24 16:06	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	103		15 - 244			04/18/24 11:36	04/19/24 16:06	
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	ND		0.024	mg/Kg		04/18/24 11:36	04/19/24 16:06	
Ethylbenzene	ND		0.048	mg/Kg		04/18/24 11:36	04/19/24 16:06	
Toluene	ND		0.048	mg/Kg		04/18/24 11:36	04/19/24 16:06	
Xylenes, Total	ND		0.097	mg/Kg		04/18/24 11:36	04/19/24 16:06	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	81		39 - 146			04/18/24 11:36	04/19/24 16:06	
Method: SW846 8015D - Diese	el Range Or	ganics (DF	RO) (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		04/18/24 14:19	04/19/24 17:12	-
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		04/18/24 14:19	04/19/24 17:12	
						Prepared	Analyzed	Dil Fa
Surrogate	%Recovery	Qualifier	Limits				,u.y 20u	Diria
Surrogate Di-n-octyl phthalate (Surr)	%Recovery 113	Qualifier	62 - 134			04/18/24 14:19	04/19/24 17:12	Diria
	113	<u> </u>						Dira

60

mg/Kg

ND

04/19/24 07:24 04/19/24 16:01

Client: Vertex

Project/Site: Lynx Federal 1

Client Sample ID: BH24-27 2' Lab Sample ID: 885-2963-16

Date Collected: 04/15/24 12:15 **Matrix: Solid**

Date Received: 04/17/24 07:50

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/18/24 11:36	04/19/24 16:30	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	111		15 - 244			04/18/24 11:36	04/19/24 16:30	
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/18/24 11:36	04/19/24 16:30	
Ethylbenzene	ND		0.049	mg/Kg		04/18/24 11:36	04/19/24 16:30	•
Toluene	ND		0.049	mg/Kg		04/18/24 11:36	04/19/24 16:30	•
Xylenes, Total	ND		0.097	mg/Kg		04/18/24 11:36	04/19/24 16:30	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	86		39 - 146			04/18/24 11:36	04/19/24 16:30	
Method: SW846 8015D - Diese	el Range Or	ganics (DF	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		04/18/24 14:19	04/19/24 17:24	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		04/18/24 14:19	04/19/24 17:24	•
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
Di-n-octyl phthalate (Surr)	117		62 - 134			04/18/24 14:19	04/19/24 17:24	
Method: EPA 300.0 - Anions,	on Chroma	tography						
•								

60

mg/Kg

ND

04/19/24 07:24 04/19/24 16:47

Job ID: 885-2963-1

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-28 0' Lab Sample ID: 885-2963-17

Date Collected: 04/15/24 12:30 **Matrix: Solid**

Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/18/24 11:36	04/19/24 16:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		15 - 244			04/18/24 11:36	04/19/24 16:53	1
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/18/24 11:36	04/19/24 16:53	1
Ethylbenzene	ND		0.048	mg/Kg		04/18/24 11:36	04/19/24 16:53	1
Toluene	ND		0.048	mg/Kg		04/18/24 11:36	04/19/24 16:53	1
Xylenes, Total	ND		0.095	mg/Kg		04/18/24 11:36	04/19/24 16:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		39 - 146			04/18/24 11:36	04/19/24 16:53	1
4-Bromofluorobenzene (Surr) Method: SW846 8015D - Diese		ganics (DF				04/18/24 11:36	04/19/24 16:53	1
Method: SW846 8015D - Diese	el Range Or	ganics (DF Qualifier		Unit	D	04/18/24 11:36 Prepared	04/19/24 16:53 Analyzed	Dil Fac
Method: SW846 8015D - Diese Analyte	el Range Or	•	RO) (GC)	<mark>Unit</mark> mg/Kg	<u>D</u>			Dil Fac
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28]	el Range Or Result	•	RO) (GC)		<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	el Range Or Result	Qualifier	RO) (GC) RL 10	mg/Kg	<u>D</u>	Prepared 04/18/24 14:19	Analyzed 04/22/24 16:33	1
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Range Or Result 13	Qualifier	RO) (GC) RL 10 50	mg/Kg	<u>D</u>	Prepared 04/18/24 14:19 04/18/24 14:19	Analyzed 04/22/24 16:33 04/22/24 16:33	1
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result 13 ND *Recovery 109	Qualifier Qualifier	RO) (GC) RL 10 50 Limits	mg/Kg	<u>D</u>	Prepared 04/18/24 14:19 04/18/24 14:19 Prepared	Analyzed 04/22/24 16:33 04/22/24 16:33 Analyzed	Dil Fac
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	Result 13 ND **Recovery 109 on Chroma**	Qualifier Qualifier	RO) (GC) RL 10 50 Limits	mg/Kg	<u>D</u>	Prepared 04/18/24 14:19 04/18/24 14:19 Prepared	Analyzed 04/22/24 16:33 04/22/24 16:33 Analyzed	1

Released to Imaging: 8/9/2024 9:14:08 AM

Client Sample Results

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-28 2' Lab Sample ID: 885-2963-18

Date Collected: 04/15/24 12:45 Date Received: 04/17/24 07:50 **Matrix: Solid**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		04/18/24 11:36	04/19/24 17:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 244			04/18/24 11:36	04/19/24 17:17	1
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/18/24 11:36	04/19/24 17:17	1
Ethylbenzene	ND		0.050	mg/Kg		04/18/24 11:36	04/19/24 17:17	1
Toluene	ND		0.050	mg/Kg		04/18/24 11:36	04/19/24 17:17	1
Xylenes, Total	ND		0.10	mg/Kg		04/18/24 11:36	04/19/24 17:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87					0.4/4.0/0.4.44.00		
- Diomondologonzene (odn)	07		39 - 146			04/18/24 11:36	04/19/24 17:17	1
·	-	ganics (DF				04/18/24 11:36	04/19/24 17:17	1
Method: SW846 8015D - Diese	el Range Or	ganics (DF Qualifier		Unit	D	04/18/24 11:36 Prepared	04/19/24 17:17 Analyzed	Dil Fac
Method: SW846 8015D - Diese Analyte	el Range Or		RO) (GC)	<mark>Unit</mark> mg/Kg	<u>D</u>			Dil Fac
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	el Range Org		RO) (GC)		<u>D</u>	Prepared 04/18/24 14:19	Analyzed	
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics	el Range Or Result 610	Qualifier	RO) (GC) RL 190	mg/Kg	<u> </u>	Prepared 04/18/24 14:19	Analyzed 04/19/24 17:50	20
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	Result 610 1100 %Recovery	Qualifier	RO) (GC) RL 190 960	mg/Kg	<u>D</u>	Prepared 04/18/24 14:19 04/18/24 14:19	Analyzed 04/19/24 17:50 04/19/24 17:50	20
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	Result 610 1100 **Recovery* 0	Qualifier Qualifier S1-	RO) (GC) RL 190 960 Limits	mg/Kg	<u>D</u>	Prepared 04/18/24 14:19 04/18/24 14:19 Prepared	Analyzed 04/19/24 17:50 04/19/24 17:50 Analyzed	20 20 Dil Fac
Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result 610 1100 **Recovery 0 on Chromat	Qualifier Qualifier S1-	RO) (GC) RL 190 960 Limits	mg/Kg	<u>D</u>	Prepared 04/18/24 14:19 04/18/24 14:19 Prepared	Analyzed 04/19/24 17:50 04/19/24 17:50 Analyzed	20 20 Dil Fac

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-29 0' Lab Sample ID: 885-2963-19

Date Collected: 04/15/24 13:00 Matrix: Solid
Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		04/18/24 11:36	04/19/24 18:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		15 - 244			04/18/24 11:36	04/19/24 18:05	1
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/18/24 11:36	04/19/24 18:05	1
Ethylbenzene	ND		0.048	mg/Kg		04/18/24 11:36	04/19/24 18:05	1
Toluene	ND		0.048	mg/Kg		04/18/24 11:36	04/19/24 18:05	1
Xylenes, Total	ND		0.096	mg/Kg		04/18/24 11:36	04/19/24 18:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		39 - 146			04/18/24 11:36	04/19/24 18:05	1
Method: SW846 8015D - Diese	el Range Or	ganics (DF	(O) (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		04/18/24 14:19	04/19/24 18:03	1
	ND		47	mg/Kg		04/18/24 14:19	04/19/24 18:03	1
Motor Oil Range Organics [C28-C40]	110							
	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)		Qualifier	Limits 62 - 134			Prepared 04/18/24 14:19	Analyzed 04/19/24 18:03	Dil Fac
Surrogate	%Recovery							Dil Fac

60

mg/Kg

ND

04/19/24 07:24 04/19/24 17:32

Chloride

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-29 2'

Lab Sample ID: 885-2963-20 Date Collected: 04/15/24 13:15 **Matrix: Solid**

Date Received: 04/17/24 07:50

4-Bromofluorobenzene (Surr)

Method: SW846 8015D - Gaso	oline Range	Organics ((GRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		04/18/24 11:36	04/19/24 18:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

4-Bromofluorobenzene (Surr) Method: SW846 8021B - Vo	106	15 - 244			04/18/24 11:36	04/19/24 18:28	1
Analyte	Result Qualif		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND	0.024	mg/Kg		04/18/24 11:36	04/19/24 18:28	1
Ethylbenzene	ND	0.049	mg/Kg		04/18/24 11:36	04/19/24 18:28	1
Toluene	ND	0.049	mg/Kg		04/18/24 11:36	04/19/24 18:28	1
Xylenes, Total	ND	0.097	mg/Kg		04/18/24 11:36	04/19/24 18:28	1
Surrogate	%Recovery Qualif	ier Limits			Prepared	Analyzed	Dil Fac

39 - 146

Method: SW846 8015D - Diese	el Range Org	anics (DF	RO) (GC)					
Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	25		9.7	mg/Kg		04/18/24 14:19	04/22/24 16:58	1
Motor Oil Range Organics [C28-C40]	72		49	mg/Kg		04/18/24 14:19	04/22/24 16:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			04/18/24 14:19	04/22/24 16:58	1

Method: EPA 300.0 - Anions, Id	on Chromatography						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190	60	mg/Kg		04/19/24 07:24	04/19/24 18:18	20

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Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-34 0' Lab Sample ID: 885-2963-21

Date Collected: 04/15/24 11:00 Matrix: Solid
Date Received: 04/17/24 07:50

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

Analyte	Result Qualifier	KL	Unit	D Prepared	Analyzea	DII Fac
Gasoline Range Organics [C6 - C10]	ND ND	4.7	mg/Kg	04/18/24 11:36	04/19/24 18:52	1
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Factor

 4-Bromofluorobenzene (Surr)
 102
 15 - 244
 04/18/24 11:36
 04/19/24 18:52
 10

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

	rolatilo olgalilo	- opou	uo (0 0)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		04/18/24 11:36	04/19/24 18:52	1
Ethylbenzene	ND		0.047	mg/Kg		04/18/24 11:36	04/19/24 18:52	1
Toluene	ND		0.047	mg/Kg		04/18/24 11:36	04/19/24 18:52	1
Xylenes, Total	ND		0.093	mg/Kg		04/18/24 11:36	04/19/24 18:52	1

 Surrogate
 %Recovery 4-Bromofluorobenzene (Surr)
 Qualifier 81
 Limits 39 - 146
 Prepared 04/18/24 11:36
 Analyzed 04/19/24 18:52
 Dil Fac 04/18/24 11:36

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

Analyte	Result Qualifier	r RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	9.0	mg/Kg		04/19/24 11:32	04/19/24 23:30	1
Motor Oil Range Organics [C28-C40]	ND	45	mg/Kg		04/19/24 11:32	04/19/24 23:30	1
_							

Method: EPA 300.0 - Anions, Ion Chromatography

 Analyte
 Result Chloride
 Qualifier ND
 RL Result Chloride
 Unit mg/Kg
 D 04/19/24 15:29
 Analyzed O4/20/24 09:55
 Dil Fac O4/20/24 09:55

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Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Chloride

Client Sample ID: BH24-34 2' Lab Sample ID: 885-2963-22

Date Collected: 04/15/24 11:15 Matrix: Solid

Date Received: 04/17/24 07:50

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		04/19/24 10:55	04/22/24 21:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		15 - 244			04/19/24 10:55	04/22/24 21:10	1
Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		04/19/24 10:55	04/23/24 15:03	1
Ethylbenzene	ND		0.047	mg/Kg		04/19/24 10:55	04/23/24 15:03	1
Toluene	ND		0.047	mg/Kg		04/19/24 10:55	04/23/24 15:03	1
Xylenes, Total	ND		0.094	mg/Kg		04/19/24 10:55	04/23/24 15:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		39 - 146			04/19/24 10:55	04/23/24 15:03	1
- Method: SW846 8015D - Diese	el Range Or	ganics (DF	RO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		04/19/24 13:29	04/22/24 11:43	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		04/19/24 13:29	04/22/24 11:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Juliogale			62 - 134			04/19/24 13:29	04/22/24 11:43	1
Di-n-octyl phthalate (Surr)	105		02 - 134			*	* = = =	•
		tography	02 - 134					·

60

mg/Kg

ND

04/19/24 15:29 04/20/24 10:10

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5

8

9

10

Dil Fac

Job ID: 885-2963-1

Analyzed

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 3512

Client: Vertex Project/Site: Lynx Federal 1

Unit

mg/Kg

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

Lab Sample ID: MB 885-3460/1-A **Matrix: Solid**

Analysis Batch: 3570

Gasoline Range Organics [C6 - C10]

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

Prep Batch: 3460 MB MB

D

Prepared

04/17/24 15:27 04/18/24 12:31

ND

Result Qualifier

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 15 - 244 04/17/24 15:27 04/18/24 12:31 4-Bromofluorobenzene (Surr) 100

RL

5.0

Lab Sample ID: LCS 885-3460/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 3570 Prep Batch: 3460 LCS LCS Spike %Rec

Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics [C6 -25.0 27.3 mg/Kg 109 70 - 130

C10]

Analyte

LCS LCS

Limits Surrogate %Recovery Qualifier 4-Bromofluorobenzene (Surr) 220 15 - 244

Lab Sample ID: MB 885-3512/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 3653

MB MB Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac

04/18/24 11:36 04/19/24 10:39 Gasoline Range Organics [C6 - C10] ND 5.0 mg/Kg

мв мв

Qualifier Limits Prepared Surrogate %Recovery Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 107 15 - 244 04/18/24 11:36 04/19/24 10:39

Lab Sample ID: LCS 885-3512/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 3653** Prep Batch: 3512 LCS LCS %Rec Spike

Added Result Qualifier Unit %Rec Limits Gasoline Range Organics [C6 -25.0 23.9 mg/Kg 70 - 130

C10]

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 210 15 - 244

Lab Sample ID: MB 885-3584/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 3729

MB MB Result Qualifier Unit RL Prepared Analyzed 5.0 04/19/24 10:55 04/22/24 12:26 Gasoline Range Organics [C6 - C10] ND mg/Kg

MB MB

%Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 100 15 - 244 04/19/24 10:55 04/22/24 12:26

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Prep Type: Total/NA

Prep Batch: 3584

LCS LCS

23.7

RL

0.025

0.050

0.050

Spike

Added

1.00

1.00

2.00

1.00

I imits

39 - 146

Result Qualifier

Unit

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

LCS LCS

0.997

0.995

2.00

0.996

mg/Kg

Job ID: 885-2963-1

Prep Type: Total/NA

Prep Batch: 3584

Client Sample ID: Lab Control Sample

%Rec

95

D

%Rec

Limits

70 - 130

Project/Site: Lynx Federal 1

Client: Vertex

C10]

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

Lab Sample ID: LCS 885-3584/2-A

Matrix: Solid

Analysis Batch: 3729

Spike Added Analyte Gasoline Range Organics [C6 -25.0

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 211

15 - 244

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-3460/1-A

Matrix: Solid

Ethylbenzene

Matrix: Solid

Benzene

Ethylbenzene

Ethylbenzene

Toluene

m,p-Xylene

o-Xylene

Toluene

Analysis Batch: 3572

MB MB

ND

ND

Qualifier

ND

ND

89

Analyte Result Qualifier Benzene ND

Xylenes, Total ND 0.10 MB MB Surrogate Qualifier Limits %Recovery 39 - 146

4-Bromofluorobenzene (Surr) 89

Lab Sample ID: LCS 885-3460/3-A

Analysis Batch: 3572

Analyte

Toluene Xylenes, Total LCS LCS

%Recovery Surrogate 4-Bromofluorobenzene (Surr)

Lab Sample ID: MB 885-3512/1-A

Released to Imaging: 8/9/2024 9:14:08 AM

Matrix: Solid

Analysis Batch: 3654

MB MB Qualifier Analyte Result Benzene ND

Xylenes, Total ND 0.10 MB MB

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 87 39 - 146 Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 3460

D Prepared Analyzed Dil Fac 04/17/24 15:27 04/18/24 12:31 04/17/24 15:27 04/18/24 12:31

Dil Fac Prepared Analyzed 04/17/24 15:27 04/18/24 12:31

Client Sample ID: Lab Control Sample

04/17/24 15:27 04/18/24 12:31

04/17/24 15:27 04/18/24 12:31

Prep Type: Total/NA

Prep Batch: 3460

%Rec Result Qualifier Unit D %Rec Limits mg/Kg 100 70 - 130 mg/Kg 100 70 - 130 mg/Kg 100 70 - 130 mg/Kg 100 70 - 130

1.00 0.984 mg/Kg 98 70 - 130 3.00 100 3.00 mg/Kg 70 - 130

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

D

Prepared

Prepared

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

Prep Batch: 3512

Analyzed

Analyzed

04/18/24 11:36 04/19/24 10:39 04/18/24 11:36 04/19/24 10:39 04/18/24 11:36 04/19/24 10:39 04/18/24 11:36 04/19/24 10:39

04/18/24 11:36 04/19/24 10:39

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RL

0.025

0.050

0.050

Dil Fac

Dil Fac

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 885-3512/3-A

Matrix: Solid

Analysis Batch: 3654

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3512

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	1.00	0.802		mg/Kg		80	70 - 130	
Ethylbenzene	1.00	0.828		mg/Kg		83	70 - 130	
m,p-Xylene	2.00	1.67		mg/Kg		84	70 - 130	
o-Xylene	1.00	0.831		mg/Kg		83	70 - 130	
Toluene	1.00	0.814		mg/Kg		81	70 - 130	
Xylenes, Total	3.00	2.50		mg/Kg		83	70 - 130	

LCS LCS

Surrogate %Recovery Qualifier Limits 39 - 146 4-Bromofluorobenzene (Surr) 90

Lab Sample ID: 885-2963-9 MS Client Sample ID: BH24-20 2'

Matrix: Solid

Prep Type: Total/NA Prep Batch: 3512 **Analysis Batch: 3654**

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		0.968	0.786		mg/Kg		81	70 - 130	
Ethylbenzene	ND		0.968	0.818		mg/Kg		84	70 - 130	
m,p-Xylene	ND		1.94	1.67		mg/Kg		86	70 - 130	
o-Xylene	ND		0.968	0.815		mg/Kg		84	70 - 130	
Toluene	ND		0.968	0.803		mg/Kg		83	70 - 130	
Xylenes, Total	ND		2.90	2.48		mg/Kg		86	70 - 130	

MS MS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 39 - 146 87

Lab Sample ID: 885-2963-9 MSD

Matrix: Solid

Analysis Batch: 3654

Client Sample ID: BH24-20 2'

Prep Type: Total/NA Prep Batch: 3512

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit %Rec Benzene ND 0.962 0.811 mg/Kg 84 70 - 1303 20 mg/Kg Ethylbenzene ND 0.962 0.841 87 70 - 130 20 m,p-Xylene ND 1.92 1.69 mg/Kg 88 70 - 130 20 o-Xylene ND 0.962 0.828 mg/Kg 86 70 - 130 2 20 Toluene ND 0.962 0.831 mg/Kg 86 70 - 130 3 20 Xylenes, Total ND 2.89 2.52 mg/Kg 87 70 - 130 20

MSD MSD

%Recovery Qualifier Limits Surrogate 39 - 146 4-Bromofluorobenzene (Surr) 86

Lab Sample ID: MB 885-3584/1-A

Matrix: Solid

Analysis Batch: 3730

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

Prep Batch: 3584

MB MB

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/19/24 10:55	04/22/24 12:26	1
Ethylbenzene	ND		0.050	mg/Kg		04/19/24 10:55	04/22/24 12:26	1
Toluene	ND		0.050	mg/Kg		04/19/24 10:55	04/22/24 12:26	1

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QC Sample Results

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: MB 885-3584/1-A **Matrix: Solid**

Analysis Batch: 3730

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 3584

MB MB Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Xylenes, Total ND 0.10 mg/Kg 04/19/24 10:55 04/22/24 12:26

> MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 82 39 - 146 04/19/24 10:55 04/22/24 12:26

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 885-3584/3-A **Matrix: Solid**

Analysis Batch: 3730

Prep Type: Total/NA

Prep Batch: 3584

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 1.00 Benzene 0.788 79 70 - 130 mg/Kg Ethylbenzene 1.00 0.808 mg/Kg 81 70 - 130 m,p-Xylene 2.00 1.65 mg/Kg 82 70 - 130 o-Xylene 80 70 - 130 1.00 0.797 mg/Kg Toluene 1.00 0.803 mg/Kg 80 70 - 130 3.00 Xylenes, Total 2.44 mg/Kg 81 70 - 130

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 83 39 - 146

Lab Sample ID: 885-2963-22 MS

Matrix: Solid

Analysis Batch: 3803

Client Sample ID: BH24-34 2'

Prep Type: Total/NA Prep Batch: 3584

Spike MS MS Sample Sample %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene ND 0.941 0.840 89 70 - 130 mg/Kg 0.858 Ethylbenzene ND 0.941 mg/Kg 91 70 - 130m,p-Xylene ND 1.88 1.72 mg/Kg 92 70 - 130 ND o-Xylene 0.941 0.864 mg/Kg 92 70 - 130 Toluene ND 0.941 0.847 mg/Kg 90 70 - 130 Xylenes, Total ND 2.82 2.59 mg/Kg 92 70 - 130

MS MS

%Recovery Surrogate Qualifier Limits 39 - 146 4-Bromofluorobenzene (Surr) 90

Lab Sample ID: 885-2963-22 MSD Client Sample ID: BH24-34 2'

Matrix: Solid

Analysis Batch: 3803

Prep Type: Total/NA

Prep Batch: 3584

_	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		0.938	0.821		mg/Kg		88	70 - 130	2	20
Ethylbenzene	ND		0.938	0.845		mg/Kg		90	70 - 130	2	20
m,p-Xylene	ND		1.88	1.70		mg/Kg		91	70 - 130	2	20
o-Xylene	ND		0.938	0.857		mg/Kg		91	70 - 130	1	20
Toluene	ND		0.938	0.826		mg/Kg		88	70 - 130	3	20
Xylenes, Total	ND		2.81	2.56		mg/Kg		91	70 - 130	1	20

Prep Batch: 3584

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 3533

Prep Batch: 3533

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: 885-2963-22 MSD Client Sample ID: BH24-34 2' **Matrix: Solid Prep Type: Total/NA**

Analysis Batch: 3803

MSD MSD

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 90 39 - 146

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

Lab Sample ID: MB 885-3533/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 3591

MB MB Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Diesel Range Organics [C10-C28] 10 04/18/24 14:19 04/19/24 14:20 ND mg/Kg Motor Oil Range Organics [C28-C40] ND 50 mg/Kg 04/18/24 14:19 04/19/24 14:20

MB MB

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 04/18/24 14:19 04/19/24 14:20 Di-n-octyl phthalate (Surr) 62 - 134 95

Lab Sample ID: LCS 885-3533/2-A

Matrix: Solid

Analysis Batch: 3591

Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit %Rec Diesel Range Organics 50.0 58.0 mg/Kg 116 60 - 135

[C10-C28]

LCS LCS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 110 62 - 134

Lab Sample ID: 885-2963-12 MS

Matrix: Solid

Analysis Batch: 3722

Client Sample ID: BH24-24 2'

Prep Batch: 3533

Client Sample ID: Lab Control Sample

Sample Sample Spike MS MS %Rec Result Qualifier Added D %Rec Limits Analyte Result Qualifier Unit **Diesel Range Organics** 240 47.5 -73 44 - 136 210 4 mg/Kg

[C10-C28]

MS MS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 108 62 - 134

Lab Sample ID: 885-2963-12 MSD Client Sample ID: BH24-24 2'

Matrix: Solid

Released to Imaging: 8/9/2024 9:14:08 AM

Analysis Batch: 3722 Prep Batch: 3533 MSD MSD %Rec Spike Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Diesel Range Organics 240 47.8 196 mg/Kg -101 44 - 136

[C10-C28]

MSD MSD

Surrogate %Recovery Qualifier Limits 105 62 - 134 Di-n-octyl phthalate (Surr)

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Prep Type: Total/NA

RPD

Lab Sample ID: MB 885-3540/1-A

Lab Sample ID: LCS 885-3540/2-A

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Analysis Batch: 3722

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3540

MB MB Result Qualifier RL Unit Prepared Analyzed Dil Fac Analyte 04/18/24 16:14 04/22/24 10:32 Diesel Range Organics [C10-C28] ND 10 mg/Kg Motor Oil Range Organics [C28-C40] ND 50 mg/Kg 04/18/24 16:14 04/22/24 10:32

MB MB

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

Surrogate %Recovery Qualifier I imite Prepared Analyzed Dil Fac Di-n-octyl phthalate (Surr) 100 62 - 134 04/18/24 16:14 04/22/24 10:32

Client Sample ID: Lab Control Sample

04/19/24 11:32 04/22/24 11:20

Prep Type: Total/NA

Prep Batch: 3540

Prep Type: Total/NA

Prep Batch: 3588

Spike LCS LCS %Rec Added Result Qualifier Limits Unit %Rec Analyte D 50.0 60 - 135 **Diesel Range Organics** 64.4 mg/Kg 129

[C10-C28]

Matrix: Solid

Analysis Batch: 3722

LCS LCS

ND

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 114 62 - 134

Client Sample ID: Method Blank

Lab Sample ID: MB 885-3588/1-A **Matrix: Solid**

Analysis Batch: 3722

MB MB Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Diesel Range Organics [C10-C28] $\overline{\mathsf{ND}}$ 10 mg/Kg 04/19/24 11:32 04/22/24 11:20

50

mg/Kg

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac Di-n-octyl phthalate (Surr) 99 62 - 134 04/19/24 11:32 04/22/24 11:20

Lab Sample ID: LCS 885-3588/2-A

Motor Oil Range Organics [C28-C40]

Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Total/NA Prep Batch: 3588 **Analysis Batch: 3591**

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Diesel Range Organics 50.0 44.5 60 - 135 mg/Kg

[C10-C28]

LCS LCS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 103 62 - 134

Lab Sample ID: 885-2963-21 MS

Matrix: Solid

Analysis Batch: 3591

Prep Type: Total/NA Prep Batch: 3588 MS MS Sample Sample Spike %Rec Result Qualifier Added Limits Analyte Result Qualifier Unit %Rec ND 47.3 39 4 83 Diesel Range Organics mg/Kg

[C10-C28]

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Client Sample ID: BH24-34 0'

44 - 136

Job ID: 885-2963-1

Project/Site: Lynx Federal 1

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

94

Lab Sample ID: 885-2963-21 MS Client Sample ID: BH24-34 0'

Matrix: Solid

Client: Vertex

Analysis Batch: 3591

Prep Type: Total/NA

Prep Batch: 3588

MS MS Surrogate %Recovery Qualifier

Lab Sample ID: 885-2963-21 MSD Client Sample ID: BH24-34 0'

Limits 62 - 134

Matrix: Solid

Analysis Batch: 3591

Di-n-octyl phthalate (Surr)

Prep Type: Total/NA

Prep Batch: 3588

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit **Analyte** Unit %Rec 44 - 136 Diesel Range Organics ND 43.0 36.2 mg/Kg 84 8 32

[C10-C28]

MSD MSD

%Recovery Qualifier Limits Surrogate 62 - 134 Di-n-octyl phthalate (Surr) 98

Lab Sample ID: MB 885-3596/1-A **Client Sample ID: Method Blank Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 3704** Prep Batch: 3596

MB MB

Unit Analyte Result Qualifier RL Prepared Analyzed Dil Fac Diesel Range Organics [C10-C28] ND 10 mg/Kg 04/19/24 13:29 04/22/24 11:18 04/19/24 13:29 04/22/24 11:18 Motor Oil Range Organics [C28-C40] ND 50 mg/Kg

MB MB

Qualifier Surrogate %Recovery Limits Prepared Analyzed Dil Fac Di-n-octyl phthalate (Surr) 101 62 - 134 04/19/24 13:29 04/22/24 11:18

Lab Sample ID: LCS 885-3596/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 3704 Prep Batch: 3596 Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit %Rec Limits Diesel Range Organics 50.0 49.7 mg/Kg 60 - 135

[C10-C28]

LCS LCS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 102 62 - 134

Lab Sample ID: 885-2963-22 MS Client Sample ID: BH24-34 2'

Analysis Batch: 3704

Matrix: Solid Prep Type: Total/NA

MS MS Sample Sample Spike %Rec Result Qualifier Added Result Qualifier %Rec Analyte Unit Limits ND 47.7 mg/Kg 98 44 - 136 Diesel Range Organics 46.7

[C10-C28]

MS MS Surrogate %Recovery Qualifier Limits 62 - 134

Di-n-octyl phthalate (Surr) 100

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Prep Type: Total/NA

Prep Batch: 3596

Project/Site: Lynx Federal 1

Job ID: 885-2963-1

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

Lab Sample ID: 885-2963-22 MSD Client Sample ID: BH24-34 2'

Matrix: Solid

Client: Vertex

Analysis Batch: 3704

Prep Type: Total/NA Prep Batch: 3596 %Rec **RPD**

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3548

Prep Type: Total/NA

Client Sample ID: BH24-29 0'

Client Sample ID: BH24-29 2'

Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Analyte D 48.4 **Diesel Range Organics** ND 44.7 mg/Kg 92 44 - 136 5 32 [C10-C28]

MSD MSD

%Recovery Limits Surrogate Qualifier 62 - 134 Di-n-octyl phthalate (Surr) 101

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-3548/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 3614

Prep Type: Total/NA Prep Batch: 3548 MR MR

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Chloride 3.0 04/19/24 07:24 04/19/24 08:55 ND mg/Kg

Lab Sample ID: LCS 885-3548/2-A

Matrix: Solid

Analysis Batch: 3614

Prep Batch: 3548 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 30.0 27.5 92 90 - 110 Chloride mg/Kg

Lab Sample ID: 885-2963-19 MS Client Sample ID: BH24-29 0' Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 3614

Sample Sample Spike MS MS %Rec Added Result Qualifier Result Qualifier %Rec Limits Analyte Unit Chloride ND 29.7 ND NC 50 - 150 mq/Kq

Lab Sample ID: 885-2963-19 MSD

Matrix: Solid

Analysis Batch: 3614 Prep Batch: 3548 Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit Chloride ND 29.7 ND mg/Kg 50 - 150 NC

Lab Sample ID: 885-2963-20 MS

Client Sample ID: BH24-29 2' **Matrix: Solid Prep Type: Total/NA Analysis Batch: 3614** Prep Batch: 3548

Spike MS MS Sample Sample %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 190 30.1 233 4 mg/Kg 132 50 - 150

Lab Sample ID: 885-2963-20 MSD

Matrix: Solid

Prep Type: Total/NA Prep Batch: 3548 **Analysis Batch: 3614** Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 190 29.9 $\frac{1}{222}$ $\frac{1}{4}$ 98 50 - 150 20 mg/Kg

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Released to Imaging: 8/9/2024 9:14:08 AM

Lab Sample ID: MB 885-3565/1-A

Client: Vertex

Analysis Batch: 3614

Matrix: Solid

Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3565

MB MB

Analyte Result Qualifier RL Unit D Analyzed Dil Fac Prepared Chloride 1.5 04/19/24 08:35 04/19/24 09:40 ND mg/Kg

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

Lab Sample ID: MRL 885-3565/17-A **Matrix: Solid**

Analysis Batch: 3614

Prep Batch: 3565 Spike MRL MRL %Rec

Analyte Added Result Qualifier Unit D %Rec Limits Chloride 1.50 1.63 50 - 150 mg/L 109

Lab Sample ID: MB 885-3602/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 3652 MB MB

Prep Type: Total/NA

Prep Batch: 3602

Client Sample ID: BH24-34 2'

Analyte Result Qualifier RL Unit D Analyzed Dil Fac Prepared Chloride $\overline{\mathsf{ND}}$ 1.5 mg/Kg 04/19/24 15:29 04/20/24 09:25

Lab Sample ID: LCS 885-3602/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 3652** Prep Batch: 3602 Spike LCS LCS %Rec

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

Lab Sample ID: 885-2963-22 MS

Matrix: Solid

Analysis Batch: 3652

Prep Type: Total/NA Prep Batch: 3602 MS MS Sample Sample Spike %Rec

Analyte Result Qualifier Added Unit %Rec Limits Result Qualifier Chloride ND 30.0 ND NC 50 - 150 mg/Kg

Lab Sample ID: 885-2963-22 MSD

Matrix: Solid

Analysis Batch: 3652

Client Sample ID: BH24-34 2' Prep Type: Total/NA Prep Batch: 3602

Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit D 29.9 ND NC NC Chloride ND mg/Kg 50 - 150 20

Job ID: 885-2963-1 Client: Vertex

Project/Site: Lynx Federal 1

GC VOA

Prep Batch: 3460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-1	BH24-17 0'	Total/NA	Solid	5030C	
885-2963-2	BH24-17 2'	Total/NA	Solid	5030C	
885-2963-3	BH24-18 0'	Total/NA	Solid	5030C	
885-2963-4	BH24-18 2'	Total/NA	Solid	5030C	
885-2963-5	BH24-18 4'	Total/NA	Solid	5030C	
885-2963-6	BH24-19 0'	Total/NA	Solid	5030C	
885-2963-7	BH24-19 2'	Total/NA	Solid	5030C	
885-2963-8	BH24-20 0'	Total/NA	Solid	5030C	
MB 885-3460/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-3460/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-3460/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 3512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-9	BH24-20 2'	Total/NA	Solid	5030C	
885-2963-10	BH24-20 3'	Total/NA	Solid	5030C	
885-2963-11	BH24-24 0'	Total/NA	Solid	5030C	
885-2963-12	BH24-24 2'	Total/NA	Solid	5030C	
885-2963-13	BH24-26 0'	Total/NA	Solid	5030C	
885-2963-14	BH24-26 2'	Total/NA	Solid	5030C	
885-2963-15	BH24-27 0'	Total/NA	Solid	5030C	
885-2963-16	BH24-27 2'	Total/NA	Solid	5030C	
885-2963-17	BH24-28 0'	Total/NA	Solid	5030C	
885-2963-18	BH24-28 2'	Total/NA	Solid	5030C	
885-2963-19	BH24-29 0'	Total/NA	Solid	5030C	
885-2963-20	BH24-29 2'	Total/NA	Solid	5030C	
885-2963-21	BH24-34 0'	Total/NA	Solid	5030C	
MB 885-3512/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-3512/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-3512/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-2963-9 MS	BH24-20 2'	Total/NA	Solid	5030C	
885-2963-9 MSD	BH24-20 2'	Total/NA	Solid	5030C	

Analysis Batch: 3570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-1	BH24-17 0'	Total/NA	Solid	8015D	3460
885-2963-2	BH24-17 2'	Total/NA	Solid	8015D	3460
885-2963-3	BH24-18 0'	Total/NA	Solid	8015D	3460
885-2963-4	BH24-18 2'	Total/NA	Solid	8015D	3460
885-2963-5	BH24-18 4'	Total/NA	Solid	8015D	3460
885-2963-6	BH24-19 0'	Total/NA	Solid	8015D	3460
885-2963-7	BH24-19 2'	Total/NA	Solid	8015D	3460
885-2963-8	BH24-20 0'	Total/NA	Solid	8015D	3460
MB 885-3460/1-A	Method Blank	Total/NA	Solid	8015D	3460
LCS 885-3460/2-A	Lab Control Sample	Total/NA	Solid	8015D	3460

Analysis Batch: 3572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-1	BH24-17 0'	Total/NA	Solid	8021B	3460
885-2963-2	BH24-17 2'	Total/NA	Solid	8021B	3460
885-2963-3	BH24-18 0'	Total/NA	Solid	8021B	3460

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Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

GC VOA (Continued)

Analysis Batch: 3572 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-4	BH24-18 2'	Total/NA	Solid	8021B	3460
885-2963-5	BH24-18 4'	Total/NA	Solid	8021B	3460
885-2963-6	BH24-19 0'	Total/NA	Solid	8021B	3460
885-2963-7	BH24-19 2'	Total/NA	Solid	8021B	3460
885-2963-8	BH24-20 0'	Total/NA	Solid	8021B	3460
MB 885-3460/1-A	Method Blank	Total/NA	Solid	8021B	3460
LCS 885-3460/3-A	Lab Control Sample	Total/NA	Solid	8021B	3460

Prep Batch: 3584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-22	BH24-34 2'	Total/NA	Solid	5030C	
MB 885-3584/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-3584/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-3584/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-2963-22 MS	BH24-34 2'	Total/NA	Solid	5030C	
885-2963-22 MSD	BH24-34 2'	Total/NA	Solid	5030C	

Analysis Batch: 3653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-9	BH24-20 2'	Total/NA	Solid	8015D	3512
885-2963-10	BH24-20 3'	Total/NA	Solid	8015D	3512
885-2963-11	BH24-24 0'	Total/NA	Solid	8015D	3512
885-2963-12	BH24-24 2'	Total/NA	Solid	8015D	3512
885-2963-13	BH24-26 0'	Total/NA	Solid	8015D	3512
885-2963-14	BH24-26 2'	Total/NA	Solid	8015D	3512
885-2963-15	BH24-27 0'	Total/NA	Solid	8015D	3512
885-2963-16	BH24-27 2'	Total/NA	Solid	8015D	3512
885-2963-17	BH24-28 0'	Total/NA	Solid	8015D	3512
885-2963-18	BH24-28 2'	Total/NA	Solid	8015D	3512
885-2963-19	BH24-29 0'	Total/NA	Solid	8015D	3512
885-2963-20	BH24-29 2'	Total/NA	Solid	8015D	3512
885-2963-21	BH24-34 0'	Total/NA	Solid	8015D	3512
MB 885-3512/1-A	Method Blank	Total/NA	Solid	8015D	3512
LCS 885-3512/2-A	Lab Control Sample	Total/NA	Solid	8015D	3512

Analysis Batch: 3654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-9	BH24-20 2'	Total/NA	Solid	8021B	3512
885-2963-10	BH24-20 3'	Total/NA	Solid	8021B	3512
885-2963-11	BH24-24 0'	Total/NA	Solid	8021B	3512
885-2963-12	BH24-24 2'	Total/NA	Solid	8021B	3512
885-2963-13	BH24-26 0'	Total/NA	Solid	8021B	3512
885-2963-14	BH24-26 2'	Total/NA	Solid	8021B	3512
885-2963-15	BH24-27 0'	Total/NA	Solid	8021B	3512
885-2963-16	BH24-27 2'	Total/NA	Solid	8021B	3512
885-2963-17	BH24-28 0'	Total/NA	Solid	8021B	3512
885-2963-18	BH24-28 2'	Total/NA	Solid	8021B	3512
885-2963-19	BH24-29 0'	Total/NA	Solid	8021B	3512
885-2963-20	BH24-29 2'	Total/NA	Solid	8021B	3512
885-2963-21	BH24-34 0'	Total/NA	Solid	8021B	3512
MB 885-3512/1-A	Method Blank	Total/NA	Solid	8021B	3512

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

GC VOA (Continued)

Analysis Batch: 3654 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-3512/3-A	Lab Control Sample	Total/NA	Solid	8021B	3512
885-2963-9 MS	BH24-20 2'	Total/NA	Solid	8021B	3512
885-2963-9 MSD	BH24-20 2'	Total/NA	Solid	8021B	3512

Analysis Batch: 3729

Lab Sample ID 885-2963-22	Client Sample ID BH24-34 2'	Prep Type Total/NA	Matrix Solid	Method 8015D	Prep Batch 3584
MB 885-3584/1-A	Method Blank	Total/NA	Solid	8015D	3584
LCS 885-3584/2-A	Lab Control Sample	Total/NA	Solid	8015D	3584

Analysis Batch: 3730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-3584/1-A	Method Blank	Total/NA	Solid	8021B	3584
LCS 885-3584/3-A	Lab Control Sample	Total/NA	Solid	8021B	3584

Analysis Batch: 3803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-22	BH24-34 2'	Total/NA	Solid	8021B	3584
885-2963-22 MS	BH24-34 2'	Total/NA	Solid	8021B	3584
885-2963-22 MSD	BH24-34 2'	Total/NA	Solid	8021B	3584

GC Semi VOA

Prep Batch: 3533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-9	BH24-20 2'	Total/NA	Solid	SHAKE	
885-2963-10	BH24-20 3'	Total/NA	Solid	SHAKE	
885-2963-11	BH24-24 0'	Total/NA	Solid	SHAKE	
885-2963-12	BH24-24 2'	Total/NA	Solid	SHAKE	
885-2963-13	BH24-26 0'	Total/NA	Solid	SHAKE	
885-2963-14	BH24-26 2'	Total/NA	Solid	SHAKE	
885-2963-15	BH24-27 0'	Total/NA	Solid	SHAKE	
885-2963-16	BH24-27 2'	Total/NA	Solid	SHAKE	
885-2963-17	BH24-28 0'	Total/NA	Solid	SHAKE	
885-2963-18	BH24-28 2'	Total/NA	Solid	SHAKE	
885-2963-19	BH24-29 0'	Total/NA	Solid	SHAKE	
885-2963-20	BH24-29 2'	Total/NA	Solid	SHAKE	
MB 885-3533/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-3533/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-2963-12 MS	BH24-24 2'	Total/NA	Solid	SHAKE	
885-2963-12 MSD	BH24-24 2'	Total/NA	Solid	SHAKE	

Prep Batch: 3540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-1	BH24-17 0'	Total/NA	Solid	SHAKE	
885-2963-2	BH24-17 2'	Total/NA	Solid	SHAKE	
885-2963-3	BH24-18 0'	Total/NA	Solid	SHAKE	
885-2963-4	BH24-18 2'	Total/NA	Solid	SHAKE	
885-2963-5	BH24-18 4'	Total/NA	Solid	SHAKE	
885-2963-6	BH24-19 0'	Total/NA	Solid	SHAKE	
885-2963-7	BH24-19 2'	Total/NA	Solid	SHAKE	

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Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

GC Semi VOA (Continued)

Prep Batch: 3540 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-8	BH24-20 0'	Total/NA	Solid	SHAKE	
MB 885-3540/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-3540/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 3588

Lab Sample ID 885-2963-21	Client Sample ID BH24-34 0'	Prep Type Total/NA	Matrix Solid	Method SHAKE	Prep Batch
MB 885-3588/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-3588/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-2963-21 MS	BH24-34 0'	Total/NA	Solid	SHAKE	
885-2963-21 MSD	BH24-34 0'	Total/NA	Solid	SHAKE	

Analysis Batch: 3591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-13	BH24-26 0'	Total/NA	Solid	8015D	3533
885-2963-14	BH24-26 2'	Total/NA	Solid	8015D	3533
885-2963-15	BH24-27 0'	Total/NA	Solid	8015D	3533
885-2963-16	BH24-27 2'	Total/NA	Solid	8015D	3533
885-2963-18	BH24-28 2'	Total/NA	Solid	8015D	3533
885-2963-19	BH24-29 0'	Total/NA	Solid	8015D	3533
885-2963-21	BH24-34 0'	Total/NA	Solid	8015D	3588
MB 885-3533/1-A	Method Blank	Total/NA	Solid	8015D	3533
LCS 885-3533/2-A	Lab Control Sample	Total/NA	Solid	8015D	3533
LCS 885-3588/2-A	Lab Control Sample	Total/NA	Solid	8015D	3588
885-2963-21 MS	BH24-34 0'	Total/NA	Solid	8015D	3588
885-2963-21 MSD	BH24-34 0'	Total/NA	Solid	8015D	3588

Prep Batch: 3596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-22	BH24-34 2'	Total/NA	Solid	SHAKE	
MB 885-3596/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-3596/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-2963-22 MS	BH24-34 2'	Total/NA	Solid	SHAKE	
885-2963-22 MSD	BH24-34 2'	Total/NA	Solid	SHAKE	

Analysis Batch: 3635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-1	BH24-17 0'	Total/NA	Solid	8015D	3540
885-2963-2	BH24-17 2'	Total/NA	Solid	8015D	3540
885-2963-3	BH24-18 0'	Total/NA	Solid	8015D	3540
885-2963-4	BH24-18 2'	Total/NA	Solid	8015D	3540
885-2963-5	BH24-18 4'	Total/NA	Solid	8015D	3540
885-2963-6	BH24-19 0'	Total/NA	Solid	8015D	3540
885-2963-7	BH24-19 2'	Total/NA	Solid	8015D	3540
885-2963-8	BH24-20 0'	Total/NA	Solid	8015D	3540

Analysis Batch: 3704

Lab Sample ID 885-2963-22	Client Sample ID BH24-34 2'	Prep Type Total/NA	Matrix Solid	Method 8015D	Prep Batch 3596
MB 885-3596/1-A	Method Blank	Total/NA	Solid	8015D	3596
LCS 885-3596/2-A	Lab Control Sample	Total/NA	Solid	8015D	3596

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Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

GC Semi VOA (Continued)

Analysis Batch: 3704 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-22 MS	BH24-34 2'	Total/NA	Solid	8015D	3596
885-2963-22 MSD	BH24-34 2'	Total/NA	Solid	8015D	3596

Analysis Batch: 3722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-9	BH24-20 2'	Total/NA	Solid	8015D	3533
885-2963-10	BH24-20 3'	Total/NA	Solid	8015D	3533
885-2963-11	BH24-24 0'	Total/NA	Solid	8015D	3533
885-2963-12	BH24-24 2'	Total/NA	Solid	8015D	3533
885-2963-17	BH24-28 0'	Total/NA	Solid	8015D	3533
885-2963-20	BH24-29 2'	Total/NA	Solid	8015D	3533
MB 885-3540/1-A	Method Blank	Total/NA	Solid	8015D	3540
MB 885-3588/1-A	Method Blank	Total/NA	Solid	8015D	3588
LCS 885-3540/2-A	Lab Control Sample	Total/NA	Solid	8015D	3540
885-2963-12 MS	BH24-24 2'	Total/NA	Solid	8015D	3533
885-2963-12 MSD	BH24-24 2'	Total/NA	Solid	8015D	3533

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Prep Batch: 3548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
885-2963-1	BH24-17 0'	Total/NA	Solid	300_Prep	
885-2963-2	BH24-17 2'	Total/NA	Solid	300_Prep	
885-2963-3	BH24-18 0'	Total/NA	Solid	300_Prep	
885-2963-4	BH24-18 2'	Total/NA	Solid	300_Prep	
885-2963-5	BH24-18 4'	Total/NA	Solid	300_Prep	
885-2963-6	BH24-19 0'	Total/NA	Solid	300_Prep	
885-2963-7	BH24-19 2'	Total/NA	Solid	300_Prep	
885-2963-8	BH24-20 0'	Total/NA	Solid	300_Prep	
885-2963-9	BH24-20 2'	Total/NA	Solid	300_Prep	
885-2963-10	BH24-20 3'	Total/NA	Solid	300_Prep	
885-2963-11	BH24-24 0'	Total/NA	Solid	300_Prep	
885-2963-12	BH24-24 2'	Total/NA	Solid	300_Prep	
885-2963-13	BH24-26 0'	Total/NA	Solid	300_Prep	
885-2963-14	BH24-26 2'	Total/NA	Solid	300_Prep	
885-2963-15	BH24-27 0'	Total/NA	Solid	300_Prep	
885-2963-16	BH24-27 2'	Total/NA	Solid	300_Prep	
885-2963-17	BH24-28 0'	Total/NA	Solid	300_Prep	
885-2963-18	BH24-28 2'	Total/NA	Solid	300_Prep	
885-2963-19	BH24-29 0'	Total/NA	Solid	300_Prep	
885-2963-20	BH24-29 2'	Total/NA	Solid	300_Prep	
MB 885-3548/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-3548/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-2963-19 MS	BH24-29 0'	Total/NA	Solid	300_Prep	
885-2963-19 MSD	BH24-29 0'	Total/NA	Solid	300_Prep	
885-2963-20 MS	BH24-29 2'	Total/NA	Solid	300_Prep	
885-2963-20 MSD	BH24-29 2'	Total/NA	Solid	300_Prep	

Prep Batch: 3565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-3565/1-A	Method Blank	Total/NA	Solid	300_Prep	

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Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

HPLC/IC (Continued)

Prep Batch: 3565 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-3565/17-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 3602

Lab Sample ID 885-2963-21	Client Sample ID BH24-34 0'	Prep Type Total/NA	Matrix Solid	Method 300_Prep	Prep Batch
885-2963-22	BH24-34 2'	Total/NA	Solid	300_Prep	
MB 885-3602/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-3602/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-2963-22 MS	BH24-34 2'	Total/NA	Solid	300_Prep	
885-2963-22 MSD	BH24-34 2'	Total/NA	Solid	300_Prep	

Analysis Batch: 3614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-1	BH24-17 0'	Total/NA	Solid	300.0	3548
885-2963-2	BH24-17 2'	Total/NA	Solid	300.0	3548
885-2963-3	BH24-18 0'	Total/NA	Solid	300.0	3548
885-2963-4	BH24-18 2'	Total/NA	Solid	300.0	3548
885-2963-5	BH24-18 4'	Total/NA	Solid	300.0	3548
885-2963-6	BH24-19 0'	Total/NA	Solid	300.0	3548
885-2963-7	BH24-19 2'	Total/NA	Solid	300.0	3548
885-2963-8	BH24-20 0'	Total/NA	Solid	300.0	3548
885-2963-9	BH24-20 2'	Total/NA	Solid	300.0	3548
885-2963-10	BH24-20 3'	Total/NA	Solid	300.0	3548
885-2963-11	BH24-24 0'	Total/NA	Solid	300.0	3548
885-2963-12	BH24-24 2'	Total/NA	Solid	300.0	3548
885-2963-13	BH24-26 0'	Total/NA	Solid	300.0	3548
885-2963-14	BH24-26 2'	Total/NA	Solid	300.0	3548
885-2963-15	BH24-27 0'	Total/NA	Solid	300.0	3548
885-2963-16	BH24-27 2'	Total/NA	Solid	300.0	3548
885-2963-17	BH24-28 0'	Total/NA	Solid	300.0	3548
885-2963-18	BH24-28 2'	Total/NA	Solid	300.0	3548
885-2963-19	BH24-29 0'	Total/NA	Solid	300.0	3548
885-2963-20	BH24-29 2'	Total/NA	Solid	300.0	3548
MB 885-3548/1-A	Method Blank	Total/NA	Solid	300.0	3548
MB 885-3565/1-A	Method Blank	Total/NA	Solid	300.0	3565
LCS 885-3548/2-A	Lab Control Sample	Total/NA	Solid	300.0	3548
MRL 885-3565/17-A	Lab Control Sample	Total/NA	Solid	300.0	3565
885-2963-19 MS	BH24-29 0'	Total/NA	Solid	300.0	3548
885-2963-19 MSD	BH24-29 0'	Total/NA	Solid	300.0	3548
885-2963-20 MS	BH24-29 2'	Total/NA	Solid	300.0	3548
885-2963-20 MSD	BH24-29 2'	Total/NA	Solid	300.0	3548

Analysis Batch: 3652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2963-21	BH24-34 0'	Total/NA	Solid	300.0	3602
885-2963-22	BH24-34 2'	Total/NA	Solid	300.0	3602
MB 885-3602/1-A	Method Blank	Total/NA	Solid	300.0	3602
LCS 885-3602/2-A	Lab Control Sample	Total/NA	Solid	300.0	3602
885-2963-22 MS	BH24-34 2'	Total/NA	Solid	300.0	3602
885-2963-22 MSD	BH24-34 2'	Total/NA	Solid	300.0	3602

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Client Sample ID: BH24-17 0'

Date Collected: 04/12/24 10:30

Lab Sample ID: 885-2963-1

Matrix: Solid

Date Received: 04/17/24 07:50

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8015D		1	3570	RA	EET ALB	04/18/24 19:02
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8021B		1	3572	RA	EET ALB	04/18/24 19:02
Total/NA	Prep	SHAKE			3540	JU	EET ALB	04/18/24 16:14
Total/NA	Analysis	8015D		1	3635	JU	EET ALB	04/19/24 11:04
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 10:11

Lab Sample ID: 885-2963-2 Client Sample ID: BH24-17 2'

Date Collected: 04/12/24 10:45 Matrix: Solid Date Received: 04/17/24 07:50

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8015D		1	3570	RA	EET ALB	04/18/24 19:24
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8021B		1	3572	RA	EET ALB	04/18/24 19:24
Total/NA	Prep	SHAKE			3540	JU	EET ALB	04/18/24 16:14
Total/NA	Analysis	8015D		1	3635	JU	EET ALB	04/19/24 11:27
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 10:26

Client Sample ID: BH24-18 0' Lab Sample ID: 885-2963-3 Date Collected: 04/12/24 11:00

Date Received: 04/17/24 07:50

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8015D		1	3570	RA	EET ALB	04/18/24 19:46
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8021B		1	3572	RA	EET ALB	04/18/24 19:46
Total/NA	Prep	SHAKE			3540	JU	EET ALB	04/18/24 16:14
Total/NA	Analysis	8015D		1	3635	JU	EET ALB	04/19/24 11:51
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 10:41

Client Sample ID: BH24-18 2' Lab Sample ID: 885-2963-4

Date Collected: 04/12/24 11:15 Date Received: 04/17/24 07:50

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8015D		1	3570	RA	EET ALB	04/18/24 20:08

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Matrix: Solid

Matrix: Solid

Project/Site: Lynx Federal 1

Client: Vertex

Client Sample ID: BH24-18 2'

Date Collected: 04/12/24 11:15 Date Received: 04/17/24 07:50 Lab Sample ID: 885-2963-4

Matrix: Solid

Batch Batch Dilution **Prepared** Batch **Prep Type** Method **Factor** Number Analyst or Analyzed Type Run Lab 04/17/24 15:27 Total/NA 5030C 3460 EET ALB Prep Total/NA 8021B 04/18/24 20:08 3572 RA Analysis 1 **EET ALB** Total/NA Prep SHAKE 3540 JU **EET ALB** 04/18/24 16:14 Total/NA Analysis 8015D 3635 JU **EET ALB** 04/19/24 12:14 1 Total/NA 300 Prep 3548 JT **EET ALB** 04/19/24 07:24 Prep 04/19/24 10:56 Total/NA Analysis 300.0 20 3614 RC **EET ALB**

Client Sample ID: BH24-18 4'

Date Collected: 04/12/24 11:30 Date Received: 04/17/24 07:50 Lab Sample ID: 885-2963-5

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8015D		1	3570	RA	EET ALB	04/18/24 20:30
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8021B		1	3572	RA	EET ALB	04/18/24 20:30
Total/NA	Prep	SHAKE			3540	JU	EET ALB	04/18/24 16:14
Total/NA	Analysis	8015D		1	3635	JU	EET ALB	04/19/24 12:38
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 11:11

Client Sample ID: BH24-19 0'

Date Collected: 04/12/24 11:45

Date Received: 04/17/24 07:50

Lab Sample ID: 885-2963-6

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8015D		1	3570	RA	EET ALB	04/18/24 20:51
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8021B		1	3572	RA	EET ALB	04/18/24 20:51
Total/NA	Prep	SHAKE			3540	JU	EET ALB	04/18/24 16:14
Total/NA	Analysis	8015D		1	3635	JU	EET ALB	04/19/24 13:02
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 13:45

Client Sample ID: BH24-19 2'

Date Collected: 04/12/24 12:00

Date Received: 04/17/24 07:50

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Matrix: Solid

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	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8015D		1	3570	RA	EET ALB	04/18/24 21:13
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8021B		1	3572	RA	EET ALB	04/18/24 21:13

Lab Chronicle

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-19 2'

Date Collected: 04/12/24 12:00 Date Received: 04/17/24 07:50

Lab Sample ID: 885-2963-7

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	SHAKE			3540	JU	EET ALB	04/18/24 16:14
Total/NA	Analysis	8015D		1	3635	JU	EET ALB	04/19/24 13:25
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 14:00

Client Sample ID: BH24-20 0' Lab Sample ID: 885-2963-8 Date Collected: 04/12/24 11:30

Date Received: 04/17/24 07:50

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8015D		1	3570	RA	EET ALB	04/18/24 21:35
Total/NA	Prep	5030C			3460	JP	EET ALB	04/17/24 15:27
Total/NA	Analysis	8021B		1	3572	RA	EET ALB	04/18/24 21:35
Total/NA	Prep	SHAKE			3540	JU	EET ALB	04/18/24 16:14
Total/NA	Analysis	8015D		1	3635	JU	EET ALB	04/19/24 13:49
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 14:15

Client Sample ID: BH24-20 2' Lab Sample ID: 885-2963-9

Date Collected: 04/12/24 11:45 Date Received: 04/17/24 07:50 **Matrix: Solid**

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 13:28
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 13:28
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3722	JU	EET ALB	04/22/24 11:44
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 14:30

Client Sample ID: BH24-20 3'

Lab Sample ID: 885-2963-10 Date Collected: 04/12/24 11:48 **Matrix: Solid**

Date Received: 04/17/24 07:50

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 14:08
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 14:08
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3722	JU	EET ALB	04/22/24 12:08

Client Sample ID: BH24-20 3'

Date Collected: 04/12/24 11:48 Date Received: 04/17/24 07:50 Lab Sample ID: 885-2963-10

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 14:45

Client Sample ID: BH24-24 0'

Date Collected: 04/15/24 10:30 Date Received: 04/17/24 07:50

Lab Sample ID: 885-2963-11

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 14:32
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 14:32
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3722	JU	EET ALB	04/22/24 12:56
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 15:01

Client Sample ID: BH24-24 2'

Date Collected: 04/15/24 10:45 Date Received: 04/17/24 07:50

Lab Sample ID: 885-2963-12

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 14:55
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 14:55
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3722	JU	EET ALB	04/22/24 13:20
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 15:16

Client Sample ID: BH24-26 0'

Date Collected: 04/15/24 10:00

Date Received: 04/17/24 07:50

Lab	Sampl	e ID:	885-29	63-13

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C		-	3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 15:19
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 15:19
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3591	JU	EET ALB	04/19/24 16:47
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 15:31

Client Sample ID: BH24-26 2'

Date Collected: 04/15/24 10:15 Date Received: 04/17/24 07:50

Lab Sample ID: 885-2963-14

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 15:42
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 15:42
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3591	JU	EET ALB	04/19/24 16:59
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 15:46

Client Sample ID: BH24-27 0'

Date Collected: 04/15/24 12:00

Date Received: 04/17/24 07:50

Lab Sample ID: 885-2963-15

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 16:06
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 16:06
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3591	JU	EET ALB	04/19/24 17:12
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 16:01

Client Sample ID: BH24-27 2'

Date Collected: 04/15/24 12:15

Date Received: 04/17/24 07:50

Lab	Samp	le ID:	885-29	63-16

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 16:30
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 16:30
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3591	JU	EET ALB	04/19/24 17:24
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 16:47

Client Sample ID: BH24-28 0'

Date Collected: 04/15/24 12:30

Date Received: 04/17/24 07:50

Lab Sam	ple	ID:	885-	-2963-1	7
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Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 16:53

Lab Chronicle

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-28 0'

Date Collected: 04/15/24 12:30 Date Received: 04/17/24 07:50 Lab Sample ID: 885-2963-17

Matrix: Solid

Batch Batch Dilution **Prepared** Batch **Prep Type** Method **Factor** Number Analyst or Analyzed Type Run Lab Total/NA 5030C 3512 JP EET ALB 04/18/24 11:36 Prep Total/NA 8021B 04/19/24 16:53 Analysis 3654 JP **EET ALB** 1 Total/NA Prep SHAKE 3533 SB **EET ALB** 04/18/24 14:19 3722 JU Total/NA Analysis 8015D **EET ALB** 04/22/24 16:33 1 Total/NA Prep 300 Prep 3548 JT **EET ALB** 04/19/24 07:24 Total/NA Analysis 300.0 20 3614 RC **EET ALB** 04/19/24 17:02

Client Sample ID: BH24-28 2'

Date Collected: 04/15/24 12:45 Date Received: 04/17/24 07:50 Lab Sample ID: 885-2963-18

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 17:17
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 17:17
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		20	3591	JU	EET ALB	04/19/24 17:50
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 17:17

Client Sample ID: BH24-29 0'

Date Collected: 04/15/24 13:00

Date Received: 04/17/24 07:50

Lab Sample ID: 885-2963-19

Matrix: Solid

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 18:05
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 18:05
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3591	JU	EET ALB	04/19/24 18:03
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 17:32

Client Sample ID: BH24-29 2'

Date Collected: 04/15/24 13:15

Date Received: 04/17/24 07:50

Lab Sample ID: 885-2963-20

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 18:28
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 18:28

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Job ID: 885-2963-1

Project/Site: Lynx Federal 1

Client: Vertex

Client Sample ID: BH24-29 2'

Lab Sample ID: 885-2963-20

Matrix: Solid

Date Collected: 04/15/24 13:15 Date Received: 04/17/24 07:50

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	SHAKE			3533	SB	EET ALB	04/18/24 14:19
Total/NA	Analysis	8015D		1	3722	JU	EET ALB	04/22/24 16:58
Total/NA	Prep	300_Prep			3548	JT	EET ALB	04/19/24 07:24
Total/NA	Analysis	300.0		20	3614	RC	EET ALB	04/19/24 18:18

Lab Sample ID: 885-2963-21

Matrix: Solid

Date Collected: 04/15/24 11:00 Date Received: 04/17/24 07:50

Client Sample ID: BH24-34 0'

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8015D		1	3653	JP	EET ALB	04/19/24 18:52
Total/NA	Prep	5030C			3512	JP	EET ALB	04/18/24 11:36
Total/NA	Analysis	8021B		1	3654	JP	EET ALB	04/19/24 18:52
Total/NA	Prep	SHAKE			3588	JU	EET ALB	04/19/24 11:32
Total/NA	Analysis	8015D		1	3591	JU	EET ALB	04/19/24 23:30
Total/NA	Prep	300_Prep			3602	KB	EET ALB	04/19/24 15:29
Total/NA	Analysis	300.0		20	3652	JT	EET ALB	04/20/24 09:55

Lab Sample ID: 885-2963-22 Client Sample ID: BH24-34 2'

Date Collected: 04/15/24 11:15 **Matrix: Solid**

Date Received: 04/17/24 07:50

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3584	JP	EET ALB	04/19/24 10:55
Total/NA	Analysis	8015D		1	3729	JP	EET ALB	04/22/24 21:10
Total/NA	Prep	5030C			3584	JP	EET ALB	04/19/24 10:55
Total/NA	Analysis	8021B		1	3803	RA	EET ALB	04/23/24 15:03
Total/NA	Prep	SHAKE			3596	SB	EET ALB	04/19/24 13:29
Total/NA	Analysis	8015D		1	3704	JU	EET ALB	04/22/24 11:43
Total/NA	Prep	300_Prep			3602	KB	EET ALB	04/19/24 15:29
Total/NA	Analysis	300.0		20	3652	JT	EET ALB	04/20/24 10:10

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-2963-1

Project/Site: Lynx Federal 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 Or	ganics [C6 - C10]								
8015D	SHAKE	Solid	Diesel Range Orgai	nics [C10-C28]								
8015D	SHAKE	Solid	Motor Oil Range Or	ganics [C28-C40]								
8021B	5030C	Solid	Benzene									
8021B	5030C	Solid	Ethylbenzene									
8021B	5030C	Solid	Toluene									
8021B	5030C	Solid	Xylenes, Total									
Oregon	NELA	P	NM100001	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					

Eurofins Albuquerque

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	Standard Rush_Project Name:	51ay_			AN	AL	YSI	S L	AB	NME OR		TAL W		
Mailing Address:	Lynx Federal Project #:	1			www.hallenvironmental.com Hawkins NE - Albuquerque, NM 87109 885-2963									
Phone #:	23 E-02964						Fax alysis			4107		2000 606		
	Project Manager:		£ 6				SO ₄							
QA/QC Package: □ Standard □ Level 4 (Full Validation)	Kent Stallings		TMB's (8021)	PCB's	8270SIMS		04		1/Abse					
Accreditation: Az Compliance	Sampler: W.W.	□ No	TMB 0/DR	8082	r 827		NO ₂ ,	7	reser					
	of Coolers:	109:	BE /	ides	10 or	tals	<u>ဇ</u> ်	0	m (F					
С	Cooler Temp(including CF): (),	6-0=0.6 (°C)	MTBE.	estic	y 83	3 Me	<u>۲</u> کر	emi	olifor					
	Container Preservative Type and # Type	HEAL No.	RIEX/ MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	PAHs by 8310 or 827	RCRA 8 Metals	(C), F, Br, NO ₃ , 8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)					
1/12/24 10:30 Soil BH24-17 0'	Yoziar Ice	1	V			,	V							
1 10:45 1 BH24-17 2	1	2	11											
11:00 BHZ4-18 0'		3												
11:15 BH24-18 2		Ч												
11:30 BHZY-18 Y'		5	1					17.1						
11:45 BHZ4-19 0'		6								- 41	-			
12:00 BHZY-19 2'		1								-10-08	Ш			
11:30 BH2Y-20 0'		8												
11:45 BH24-20 2		9			111			1 1			11			
V 11:48 BH24-20 3		10			_	Ш		\vdash			\sqcup	_		
H/15/24/0:30 BH24-24 0'		11						-		111			4	
Date: Time: Relinguished by: Re	Received by: Via:	12 Date Time	Remark	(8:)		1:4	W	2 44	() = =	1110	11.			
1/10/24 8:40 Styl McCit		4/14/24 840 Date Time	Remark	D'	rect	bill	, to	1301) טער -	100	607	13801	1	
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				Project'#:	=-0296	4		Τe	l. 50	5-34	5-39						4107				
Phone:							Analysis Request														
email o	r Fax#: Package:		- W	Project Mana			TMB's (8021)	/ DRO / MRO)	3,8		18		t, SO4			(Present/Absent)					0.10
□ Stan	dard		☐ Level 4 (Full Validation)	Kent.	Stallings		8) s,	1/0	PCB's		SIN		PO4,			1VAk					
Accred			ompliance		NW		TMB	/ DR	3082	Ξ	827(NO ₂ ,			eser					
□ NEL		□ Othe	r	On Ice: # of Coolers:		□ No	_	SRO	es/8	504	0 or	SIS			(OA)	Pr					
	(Type)			Cooler Temp	,	6.0=0,6(°C)	MTBE	5D(G	sticio	thod	831	Meta	Ž,	<u>₹</u>	mi-V	Coliform					
Date		Matrix	Sample Name	Container Type and #	Preservative	HEAL No.	BIEX / I	TPH:8015D(GRO	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	CI, F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	Total Col					
4/15/24	10:00	Suil	BH24-26 0'	Yoljar	DCe	13		\vee					\bigvee								
	10:15		BH24-76 9,	,)		14										11					
	12:00		BH24-270-			15					11.7						. 1				
	17:12		BH24-27 2'			16															
	12:30		BH24-28 0-			17								da T		1					
	17:42		BHLY-28 2'			18															
	B:00		BH24-29 0-			19															
	13:15		BH24-29 2-		11	26		\square													
	11:00		BHZY-34 0'			21						744							1	\sqcup	
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Date:	Time:	Relinquish Relinquish	r Mcyx	Received by:	Via:	Date Time 4 N B40 Date Time	Ren	narks	s: Sto	Dir	ees 1550	2 b	i II	10 x. (0	0.	ewn	100	1/0#] 7 380	d of]	
4/16/24	1900	CLA	11151 1		Laurier	4/124 7650		1.1	111	01	2 1/2	6	2. 10	in	1 (_		00	. 2	0/1	







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Client:	1	tex/	Deun	☑ Sta	andard t Name	☑ Rush	5 Day				A	N/	AL	YS	SIS	S L	AB	801	1EI RA	NT.	AL
Mailing	Address	: Or	file	Lynx Federal 1						www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109										E	**
Phone 7	4.				Project #: 23 E-0 29 64					Tel. 505-345-3975 Fax 505-345-4107										885-29	63 COC
email o			V	Project Manager:					Analysis Request $(1) (8) (8) (9) (1)$												
	Package:		☐ Level 4 (Full Validation)		Kent Stallings				TPH:8015D(GRO / DRO / MRO)	PCB's		or 8270SIMS					Total Coliform (Present/Absent)				
Accredi			ompliance	Sampler: W.W.				TMB's (8021) / DRO / MRO 3082 PCB's 4.1) 8270SIMS NO ₂ , PO ₄ , SO NO ₂ , PO ₄ , SO													
□ NEL	(Type)	□ Other		On Ice: No No Hof.				3E /	GRO	/səp		100	tals	o ³		VOA	m (P				
	,,,,,						409: 1.6-0=0.6 (°C)	M	15D(estici	letho	y 83	3 Me	Z,	(OA)	emi-	olifor				
		Matrix	Sample Name	Contai Type a		Preservative Type	HEAL No.	RIEX/ MTBE	TPH:80	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310	RCRA 8 Metals	©, F, Br, NO ₃ , NO ₂ , PO ₄ ,	8260 (VOA)	8270 (Semi-VOA)	Total Co				
1/12/24	10:30	Soil	BH24-17 0'	400	jar	Ice		\checkmark	V					\vee							
1	10:45	1	BH24-17 2)		2														
	11:00		BH24-18 0'				3														
	11:15		BHZY-18 2'				Ч									1		7 10			\perp
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	11:42		BH24-19 0			-	6				_	_							-		\perp
	12:00		BH24-19 2°				1					4							11.11	+	\dashv
	11:30		BH24-20 0'	-			8					4		\perp				-	-	+	\perp
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Page 54 of 55	<u>D</u> 44
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Chain-of-Custody Record Client: Vertex / Juin Mailing Address: On File	Turn-Around Time: Standard Rush 5 Day Project Name: Lynx Federal 1 Project #:	HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109
	Project#:	Tel. 505-345-3975 Fax 505-345-4107
Phone #:	235-02964	Analysis Request
email or Fax#:	Project Manager:	(SO ₄)
QA/QC Package: □ Standard □ Level 4 (Full Validation)	Kent-Stallings	SSIMS DSIMS DSIMS PO4,
Accreditation: Az Compliance	Sampler: W W	TMB' 8082 8082 4.1) 1 1 1 1 1 1 1 1 1
□ NELAC □ Other	On Ice: Yes No # of Coolers: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(/ MTBE / TMB 3015D(GRO / DR Pesticides/8082 (Method 504.1) by 8310 or 827 by 8310 or 827 (VOA) (VOA) (Semi-VOA) Coliform (Preser
Date Time Matrix Sample Name	Cooler Temp(including cF): () 6 0 5 (°C) Container Preservative HEAL No. Type and #	BTEX / MTBE / TMI TPH:8015D(GRO / D) 8081 Pesticides/808; EDB (Method 504.1) PAHs by 8310 or 82; RCRA 8 Metals CD F, Br, NO ₃ , NO ₂ 8260 (VOA) Total Coliform (Prese
P Date Time Matrix Sample Name 9	You'ger De 13	
0 10:15 BH24-7 p		
5 12:00 BH24-270-	14	
12:15 RH24-27 2	15	
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12:45 RH24-28 2'	12	
B:00 RHLY-29 0-	18	
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11:00 BHZY-340'	26	
11:15 DH24-34 2-	22	
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Date: Time: Relinquished by: Column Column	Received by: Via: Date Time While M BHO Received by: Via: Date Time	Remarks: Directo; Il to Dewn: W/ott: 1006073801 CC. KStallingS@verkx.ca Wwadleigh@verkx.ca pg. 2 of 2
If necessary, samples submitted to Hall Environmental may be sub-	contracted to other addredited laboratories. This serves as notice of this	s possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-2963-1

List Source: Eurofins Albuquerque Login Number: 2963

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/28/2024 3:51:47 PM

JOB DESCRIPTION

Lynx Federal 1

JOB NUMBER

885-4704-1

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 5/28/2024 3:51:47 PM

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

Client: Vertex

Laboratory Job ID: 885-4704-1

Project/Site: Lynx Federal 1

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Definitions/Glossary

Client: Vertex Job ID: 885-4704-1

Project/Site: Lynx Federal 1

Qualifiers

GC VOA

Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Example 2 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 Job ID: 885-4704-1

Project: Lynx Federal 1

Job ID: 885-4704-1 Eurofins Albuquerque

Job Narrative 885-4704-1

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 sample was received on 5/17/2024 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°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

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Client Sample Results

Client: Vertex Job ID: 885-4704-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-33 6' Lab Sample ID: 885-4704-1

Date Collected: 05/15/24 10:20 Matrix: Solid

Date Received: 05/17/24 08:00

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/17/24 12:53	05/21/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			05/17/24 12:53	05/21/24 14:30	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/17/24 12:53	05/21/24 14:30	1
Ethylbenzene	ND		0.049	mg/Kg		05/17/24 12:53	05/21/24 14:30	1
Toluene	ND		0.049	mg/Kg		05/17/24 12:53	05/21/24 14:30	1
Xylenes, Total	ND		0.098	mg/Kg		05/17/24 12:53	05/21/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			05/17/24 12:53	05/21/24 14:30	1
Method: SW846 8015D - Diesel F	Range Organics	s (DRO) (GC	;)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		05/20/24 09:35	05/20/24 14:44	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/20/24 09:35	05/20/24 14:44	1
	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Surrogate	7011CCOVCI y					05/00/04 00 05	05/00/04 44:44	
	- 		00 404					
Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion	93 Chromatograp	ohy Qualifier	62 ₋ 134 RL			05/20/24 09:35	05/20/24 14:44	Dil Fa

60

mg/Kg

ND

05/20/24 08:26

05/20/24 12:07

20

Prep Batch: 5190

Client: Vertex Job ID: 885-4704-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: MB 885-5190/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 5375

Gasoline Range Organics [C6 - C10]

MB MB Result Qualifier RLUnit D Prepared Analyzed Dil Fac ND 5.0 mg/Kg 05/17/24 12:53 05/21/24 10:58

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 87 35 - 166 05/17/24 12:53 05/21/24 10:58

Lab Sample ID: LCS 885-5190/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 5375

Spike

Prep Type: Total/NA Prep Batch: 5190

mg/Kg

LCS LCS %Rec

05/17/24 12:53

05/21/24 10:58

Analyte Added Result Qualifier Unit D %Rec Limits 25.0 24.6 mg/Kg 98 70 - 130Gasoline Range Organics [C6 -

C10]

Analyte

LCS LCS

%Recovery Qualifier Limits Surrogate 191 S1+ 35 - 166 4-Bromofluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-5190/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 5376

Xylenes, Total

Prep Batch: 5190 MB MB Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac ND 0.025 05/17/24 12:53 05/21/24 10:58 Benzene mg/Kg Ethylbenzene ND 0.050 mg/Kg 05/17/24 12:53 05/21/24 10:58 Toluene NΠ 0.050 05/17/24 12:53 05/21/24 10:58 mg/Kg

0.10

MB MB

ND

Surrogate %Recovery Qualifier Limits Dil Fac Prepared Analyzed 05/17/24 12:53 4-Bromofluorobenzene (Surr) 48 - 145 05/21/24 10:58 89

Lab Sample ID: LCS 885-5190/3-A Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 5376 Prep Batch: 5190 Spike LCS LCS %Rec

Result Qualifier Analyte Added Unit D %Rec Limits 1.00 0.918 Benzene mg/Kg 92 70 - 130 Ethylbenzene 1.00 0.879 mg/Kg 88 70 - 130 2.00 89 1.78 mg/Kg 70 - 130 m,p-Xylene 0.876 70 - 130 o-Xylene 1.00 mg/Kg 88 1 00 0.872 87 70 - 130 Toluene mg/Kg

LCS LCS

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

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Lab Sample ID: LCS 885-5249/2-A

QC Sample Results

Job ID: 885-4704-1 Client: Vertex

Project/Site: Lynx Federal 1

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

Lab Sample ID: MB 885-5249/1-A

Analysis Batch: 5285

Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Prep Batch: 5249

Analyte Result Qualifier RLUnit D Prepared Analyzed Dil Fac Diesel Range Organics [C10-C28] ND 10 mg/Kg 05/20/24 09:35 05/20/24 12:01 Motor Oil Range Organics [C28-C40] ND 50 mg/Kg 05/20/24 09:35 05/20/24 12:01

MB MB

MB MB

Qualifier Limits Dil Fac Surrogate %Recovery Prepared Analyzed Di-n-octyl phthalate (Surr) 89 62 - 134 05/20/24 09:35 05/20/24 12:01

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5249

Analysis Batch: 5285 Spike LCS LCS

Analyte Added Result Qualifier Unit D %Rec Limits 50.0 46.8 94 60 - 135 Diesel Range Organics mg/Kg

[C10-C28]

Matrix: Solid

LCS LCS Surrogate %Recovery Qualifier Limits

Di-n-octyl phthalate (Surr) 104 62 - 134

Lab Sample ID: 885-4704-1 MS Client Sample ID: BH24-33 6'

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 5285** Prep Batch: 5249

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits 95 **Diesel Range Organics** ND 44.9 42.9 mg/Kg 44 - 136

[C10-C28] MS MS

%Recovery Qualifier Limits Surrogate Di-n-octyl phthalate (Surr) 62 - 134 111

Lab Sample ID: 885-4704-1 MSD Client Sample ID: BH24-33 6'

Matrix: Solid

Analysis Batch: 5285

MSD MSD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit **Diesel Range Organics** ND 46.8 47.0 100 44 - 136 mg/Kg

[C10-C28]

MSD MSD %Recovery Surrogate Qualifier Limits Di-n-octyl phthalate (Surr) 110 62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-5240/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 5279 мв мв

Released to Imaging: 8/9/2024 9:14:08 AM

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Chloride ND 1.5 mg/Kg 05/20/24 08:26 05/20/24 08:53

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Prep Batch: 5240

Prep Batch: 5249 RPD

Prep Type: Total/NA

QC Sample Results

Client: Vertex Job ID: 885-4704-1

Project/Site: Lynx Federal 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-5240/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 5279

Spike LCS LCS

Rep Type: Total/NA

Prep Type: Total/NA

 Analyte
 Added
 Result
 Qualifier
 Unit
 D
 %Rec
 Limits

 Chloride
 15.0
 14.9
 mg/Kg
 99
 90 - 110

Lab Sample ID: MB 885-5279/6 Client Sample ID: Method Blank

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 5279

MB MB

Lab Sample ID: MRL 885-5279/5 Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 5279

Spike MRL MRL %Rec

 Analyte
 Added
 Result
 Qualifier
 Unit
 D
 %Rec
 Limits

 Chloride
 0.500
 0.544
 mg/L
 109
 50 - 150

QC Association Summary

Client: Vertex Job ID: 885-4704-1

Project/Site: Lynx Federal 1

ederal I

GC VOA

Prep Batch: 5190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4704-1	BH24-33 6'	Total/NA	Solid	5030C	
MB 885-5190/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-5190/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-5190/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 5375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4704-1	BH24-33 6'	Total/NA	Solid	8015D	5190
MB 885-5190/1-A	Method Blank	Total/NA	Solid	8015D	5190
LCS 885-5190/2-A	Lab Control Sample	Total/NA	Solid	8015D	5190

Analysis Batch: 5376

Lab Sample ID 885-4704-1	Client Sample ID BH24-33 6'	Prep Type Total/NA	Solid	Method 8021B	Prep Batch 5190
MB 885-5190/1-A	Method Blank	Total/NA	Solid	8021B	5190
LCS 885-5190/3-A	Lab Control Sample	Total/NA	Solid	8021B	5190

GC Semi VOA

Prep Batch: 5249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4704-1	BH24-33 6'	Total/NA	Solid	SHAKE	
MB 885-5249/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-5249/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-4704-1 MS	BH24-33 6'	Total/NA	Solid	SHAKE	
885-4704-1 MSD	BH24-33 6'	Total/NA	Solid	SHAKE	

Analysis Batch: 5285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4704-1	BH24-33 6'	Total/NA	Solid	8015D	5249
MB 885-5249/1-A	Method Blank	Total/NA	Solid	8015D	5249
LCS 885-5249/2-A	Lab Control Sample	Total/NA	Solid	8015D	5249
885-4704-1 MS	BH24-33 6'	Total/NA	Solid	8015D	5249
885-4704-1 MSD	BH24-33 6'	Total/NA	Solid	8015D	5249

HPLC/IC

Prep Batch: 5240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4704-1	BH24-33 6'	Total/NA	Solid	300_Prep	
MB 885-5240/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-5240/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 5279

Released to Imaging: 8/9/2024 9:14:08 AM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4704-1	BH24-33 6'	Total/NA	Solid	300.0	5240
MB 885-5240/1-A	Method Blank	Total/NA	Solid	300.0	5240
MB 885-5279/6	Method Blank	Total/NA	Solid	300.0	
LCS 885-5240/2-A	Lab Control Sample	Total/NA	Solid	300.0	5240
MRL 885-5279/5	Lab Control Sample	Total/NA	Solid	300.0	

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ren Batch

Lab Chronicle

Client: Vertex Job ID: 885-4704-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-33 6'

Lab Sample ID: 885-4704-1

Matrix: Solid

Date Collected: 05/15/24 10:20 Date Received: 05/17/24 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			5190	AT	EET ALB	05/17/24 12:53
Total/NA	Analysis	8015D		1	5375	JP	EET ALB	05/21/24 14:30
Total/NA	Prep	5030C			5190	AT	EET ALB	05/17/24 12:53
Total/NA	Analysis	8021B		1	5376	JP	EET ALB	05/21/24 14:30
Total/NA	Prep	SHAKE			5249	JU	EET ALB	05/20/24 09:35
Total/NA	Analysis	8015D		1	5285	JU	EET ALB	05/20/24 14:44
Total/NA	Prep	300_Prep			5240	JT	EET ALB	05/20/24 08:26
Total/NA	Analysis	300.0		20	5279	JT	EET ALB	05/20/24 12:07

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex Job ID: 885-4704-1

Project/Site: Lynx Federal 1

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date
ew Mexico	State		NM9425, NM0901	02-26-25
,	are included in this report, but not offer certification.	ut the laboratory is not certif	ied by the governing authority. This li	st may include analytes
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 [0	C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics	s [C28-C40]
8021B	5030C	Solid	Benzene	
8021B	5030C	Solid	Ethylbenzene	
8021B	5030C	Solid	Toluene	
8021B	5030C	Solid	Xylenes, Total	
egon	NELA	P	NM100001	02-26-25

- Imag	ient:		kys ((Dam)	Turn-Around ☐ Standard Project Nam Lyn X Project #:	Rush	1 1	<u>V5</u>				A l w awkin	ALI NAI www.ha	L Y S allenv - Alt	SIS /ironr ouqu	ment erqu	AE tal.co e, NI	3 0 1	R ,	4704 CC	E E	Received by OCD: 8/5/2024
em Q ²	VQC F Stand credit NEL/	Fax#: Package dard tation:	□ Az Co	☐ Level 4 (Full Validation) compliance r	Project Mana Kents Sampler: On Ice: # of Coolers:	ager: ta llings PYes	□ No	×16+7	MTBE / TMB's (8021)	(GRO/DRO/MRO)	des/8082 PCB's	od 504.1)	or 8270SIMS	NO ₃ , NO ₂ , PO ₄ , SO ₄			Total Coliform (Present/Absent) ਲੂ					4 3:40:13 PM
Page 13 of 14	nte 5/) y	Time <i>[</i> ს⁻ `}ბ	Matrix	Sample Name RH2Y-33 6'	Cooler Temp Container Type and #	Preservative Type		(°C)	C RTEX / MT		8081 Pesticides/8082	EDB (Method 504.1)	PAHS by 8310 c	⟨O, F, Br, N	8260 (VOA)	8270 (Semi-VOA)	Total Colifo					
																						-
4-	te., Vəl	Time: 930	Relinquist	ned by:	Received by	Via.	Date 5 1524	Time 930	Ren	narks	s: D	Me	Voi	11/10	Di	wn	h	Yot	t: /u	0 60	13801	
5/28/2024	dut	Time: 1900		bmitted to Hall Environmental may be su	Received by:	Via: -{UVv:\v	Date S 1724 es This serves	SIU 0														Page 235 of 412

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-4704-1

Login Number: 4704 List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey neter.</td <td>True</td> <td></td>	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 ampered 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	
s the Field Sampler's name present on COC?	N/A	
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	

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Eurofins Albuquerque

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/10/2024 4:13:51 PM

JOB DESCRIPTION

Lynx Federal 1

JOB NUMBER

885-3902-1

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 5/10/2024 4:13:51 PM

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

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Client: Vertex
Laboratory Job ID: 885-3902-1

Project/Site: Lynx Federal 1

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Definitions/Glossary

Client: Vertex Job ID: 885-3902-1

Project/Site: Lynx Federal 1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	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)

MQL NC

MDL

ML

MPN

Not Calculated

Method Detection Limit

Minimum Level (Dioxin)

Most Probable Number

Method Quantitation Limit

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 **Quality Control** QC

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

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Case Narrative

Client: Vertex Job ID: 885-3902-1

Project: Lynx Federal 1

Job ID: 885-3902-1 Eurofins Albuquerque

Job Narrative 885-3902-1

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 5/4/2024 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): BH24-35 0' (885-3902-1) and BH24-35 2' (885-3902-2). The container labels list 5/1/24 while the COC lists 5/2/24. The client was contacted, and the lab was instructed to go with date of COC.

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 885-4658 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 samples are associated BH24-35 0' (885-3902-1), BH24-35 2' (885-3902-2), (CCV 885-4658/1), (885-3902-A-2-C MS) and (885-3902-A-2-D MSD).

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-4658 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 samples are associated BH24-35 0' (885-3902-1), BH24-35 2' (885-3902-2), (885-3902-A-2-C MS) and (885-3902-A-2-D MSD).

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

5/10/2024

Analyzed

Client Sample Results

Client: Vertex Job ID: 885-3902-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-35 0' Lab Sample ID: 885-3902-1

Date Collected: 05/02/24 09:30 Matrix: Solid Date Received: 05/04/24 08:00

Date Received. 00/04/24 00:00						
Method: SW846 8015D - Gasoline Range	e Organ	nics (GRO) (GC)				
Analyte	Result	Qualifier	RL	Unit	D	Prepared

Gasoline Range Organics [C6 - C10]	ND	5.0	mg/Kg	05/06/24 16:05	05/09/24 03:44	1
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101	15 - 244		05/06/24 16:05	05/09/24 03:44	1

Method: SW846 8021B -	•	• • •			_			D.: -
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/06/24 16:05	05/09/24 03:44	1
Ethylbenzene	ND		0.050	mg/Kg		05/06/24 16:05	05/09/24 03:44	1
Toluene	ND		0.050	mg/Kg		05/06/24 16:05	05/09/24 03:44	1
Xylenes, Total	ND		0.10	mg/Kg		05/06/24 16:05	05/09/24 03:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

4-Bromofluorobenzene (Surr)	96	39 - 146			05/06/24 16:05	05/09/24 03:44	1
Method: SW846 8015D - Diesel Rai	nge Organics (DRO) (GC)						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Diesel Range Organics [C10-C28]	23		9.0	mg/Kg	05/07/24 08:53	05/08/24 13:15	1
Motor Oil Range Organics [C28-C40]	63		45	mg/Kg	05/07/24 08:53	05/08/24 13:15	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134		05/07/24 08:53	05/08/24 13:15	1

Method: EPA 300.0 - Anions, Ion C	Chromatography - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73	5.0	mg/Kg			05/09/24 21:47	1

Released to Imaging: 8/9/2024 9:14:08 AM

Client Sample Results

Client: Vertex Job ID: 885-3902-1

Project/Site: Lynx Federal 1

Analyte

Chloride

Client Sample ID: BH24-35 2'

Lab Sample ID: 885-3902-2

Date Collected: 05/02/24 09:35 Matrix: Solid

Date Received: 05/04/24 08:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/06/24 16:05	05/09/24 04:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 244			05/06/24 16:05	05/09/24 04:55	1
Method: SW846 8021B - Volatile (Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/06/24 16:05	05/09/24 04:55	1
Ethylbenzene	ND		0.050	mg/Kg		05/06/24 16:05	05/09/24 04:55	1
Toluene	ND		0.050	mg/Kg		05/06/24 16:05	05/09/24 04:55	1
Xylenes, Total	ND		0.10	mg/Kg		05/06/24 16:05	05/09/24 04:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		39 - 146			05/06/24 16:05	05/09/24 04:55	1
Method: SW846 8015D - Diesel R	ange Organics	(DRO) (GC	;)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	16		9.6	mg/Kg		05/07/24 08:53	05/08/24 13:39	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/07/24 08:53	05/08/24 13:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			05/07/24 08:53	05/08/24 13:39	1

RL

5.0

Unit

mg/Kg

Prepared

Result Qualifier

73

Eurofins Albuquerque

3

7

8

11

Dil Fac

Analyzed

05/09/24 21:52

Prep Batch: 4448

Prep Batch: 4448

Job ID: 885-3902-1

Project/Site: Lynx Federal 1

Client: Vertex

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

Lab Sample ID: MB 885-4448/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 4672

MB MB Analyte Result Qualifier RLUnit D Prepared Analyzed Dil Fac Gasoline Range Organics [C6 - C10] ND 5.0 mg/Kg 05/06/24 16:05 05/08/24 16:01

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 100 15 - 244 05/06/24 16:05 05/08/24 16:01

Lab Sample ID: LCS 885-4448/3-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 4672

Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit D %Rec Limits 25.0 26.0 104 mg/Kg 70 - 130Gasoline Range Organics [C6 -

C10]

LCS LCS

%Recovery Qualifier Limits Surrogate 15 - 244 4-Bromofluorobenzene (Surr) 205

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-4448/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 4673

MB MB

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac ND 0.025 05/06/24 16:05 05/08/24 16:01 Benzene mg/Kg Ethylbenzene ND 0.050 mg/Kg 05/06/24 16:05 05/08/24 16:01 Toluene NΠ 0.050 05/06/24 16:05 05/08/24 16:01 mg/Kg Xylenes, Total ND 0.10 mg/Kg 05/06/24 16:05 05/08/24 16:01

MB MB

Surrogate %Recovery Qualifier Limits Dil Fac Prepared Analyzed 4-Bromofluorobenzene (Surr) 39 - 146 05/06/24 16:05 05/08/24 16:01 97

Lab Sample ID: LCS 885-4448/4-A **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 4673 Prep Batch: 4448

Spike LCS LCS %Rec Result Qualifier Analyte Added Unit D %Rec Limits 1.00 0.986 Benzene mg/Kg 99 70 - 130 Ethylbenzene 1.00 0.938 mg/Kg 94 70 - 130 2.00 95 1.90 mg/Kg 70 - 130 m,p-Xylene 0.923 70 - 130 o-Xylene 1.00 mg/Kg 92 1 00 0.938 94 70 - 130 Toluene mg/Kg

LCS LCS

%Recovery Qualifier Limits Surrogate 39 - 146 4-Bromofluorobenzene (Surr) 100

Eurofins Albuquerque

Client Sample ID: Lab Control Sample

Prep Batch: 4448

Project/Site: Lynx Federal 1

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

Lab Sample ID: 885-3902-1 MS

Analysis Batch: 4673

Matrix: Solid

Client Sample ID: BH24-35 0'

Prep Type: Total/NA

Prep Batch: 4448

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		0.994	0.971		mg/Kg		98	70 - 130	
Ethylbenzene	ND		0.994	0.942		mg/Kg		95	70 - 130	
m,p-Xylene	ND		1.99	1.90		mg/Kg		95	70 - 130	
o-Xylene	ND		0.994	0.931		mg/Kg		94	70 - 130	
Toluene	ND		0.994	0.921		mg/Kg		93	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	100		39 - 146							

Lab Sample ID: 885-3902-1 MSD

Matrix: Solid

Analysis Batch: 4673

Client Sample ID: BH24-35 0'

Prep Type: Total/NA Prep Batch: 4448

MSD MSD Sample Sample RPD Spike %Rec Result Qualifier RPD Limit Analyte Added Result Qualifier Unit %Rec Limits Benzene ND 0.992 0.917 92 70 - 130 20 mg/Kg 6 Ethylbenzene ND 0.992 0.878 mg/Kg 89 70 - 130 20 m,p-Xylene ND 1.98 1.78 mg/Kg 90 70 - 130 6 20 o-Xylene ND 0.992 0.870 mg/Kg 88 70 - 130 20 0.992 Toluene ND 0.863 mg/Kg 70 - 130 20

MSD MSD %Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 95 39 - 146

мв мв

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

Lab Sample ID: MB 885-4470/1-A

Matrix: Solid

Analysis Batch: 4522

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

Prep Batch: 4470

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Diesel Range Organics [C10-C28] ND 10 mg/Kg 05/07/24 08:53 05/07/24 10:31 Motor Oil Range Organics [C28-C40] ND 50 05/07/24 08:53 05/07/24 10:31 mg/Kg MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac Di-n-octyl phthalate (Surr) 93 62 - 134 05/07/24 08:53 05/07/24 10:31

Lab Sample ID: 885-3902-2 MS

Matrix: Solid

Analysis Batch: 4658

Client Sample ID: BH24-35 2'

Prep Type: Total/NA Prep Batch: 4470

Spike MS MS %Rec Sample Sample Analyte Qualifier Added Result Result Qualifier Unit D %Rec Limits Diesel Range Organics 16 47.5 68.3 mg/Kg 111 44 - 136

[C10-C28]

MS MS Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 101 62 - 134

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Client: Vertex Job ID: 885-3902-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: 885-3902-2 MSD Client Sample ID: BH24-35 2'

Matrix: Solid Analysis Batch: 4658 Prep Type: Total/NA Prep Batch: 4470

Sample Sample Spike MSD MSD RPD Result Qualifier Added RPD Limit Analyte Result Qualifier Unit %Rec Limits Diesel Range Organics 16 49.4 54.3 mg/Kg 78 44 - 136 23 32

[C10-C28]

MSD MSD

%Recovery Limits Surrogate Qualifier 62 - 134 Di-n-octyl phthalate (Surr) 103

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-80359/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 80363

MB MB

Analyte Result Qualifier RL Unit Dil Fac D Prepared Analyzed Chloride 5.0 mg/Kg 05/09/24 19:20 ND

Lab Sample ID: LCS 880-80359/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 80363

Spike LCS LCS %Rec Added Analyte Result Qualifier %Rec Limits Unit 250 Chloride 256 mg/Kg 102 90 - 110

Lab Sample ID: LCSD 880-80359/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 80363

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 250 256 102 90 - 110 mg/Kg

Eurofins Albuquerque

QC Association Summary

Client: Vertex Job ID: 885-3902-1

Project/Site: Lynx Federal 1

GC VOA

Prep Batch: 4448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3902-1	BH24-35 0'	Total/NA	Solid	5030C	
885-3902-2	BH24-35 2'	Total/NA	Solid	5030C	
MB 885-4448/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-4448/3-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-4448/4-A	Lab Control Sample	Total/NA	Solid	5030C	
885-3902-1 MS	BH24-35 0'	Total/NA	Solid	5030C	
885-3902-1 MSD	BH24-35 0'	Total/NA	Solid	5030C	

Analysis Batch: 4672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3902-1	BH24-35 0'	Total/NA	Solid	8015D	4448
885-3902-2	BH24-35 2'	Total/NA	Solid	8015D	4448
MB 885-4448/1-A	Method Blank	Total/NA	Solid	8015D	4448
LCS 885-4448/3-A	Lab Control Sample	Total/NA	Solid	8015D	4448

Analysis Batch: 4673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3902-1	BH24-35 0'	Total/NA	Solid	8021B	4448
885-3902-2	BH24-35 2'	Total/NA	Solid	8021B	4448
MB 885-4448/1-A	Method Blank	Total/NA	Solid	8021B	4448
LCS 885-4448/4-A	Lab Control Sample	Total/NA	Solid	8021B	4448
885-3902-1 MS	BH24-35 0'	Total/NA	Solid	8021B	4448
885-3902-1 MSD	BH24-35 0'	Total/NA	Solid	8021B	4448

GC Semi VOA

Prep Batch: 4470

Lab Sample ID 885-3902-1	Client Sample ID BH24-35 0'	Prep Type Total/NA	Matrix Solid	Method SHAKE	Prep Batch
885-3902-2	BH24-35 2'	Total/NA	Solid	SHAKE	
MB 885-4470/1-A	Method Blank	Total/NA	Solid	SHAKE	
885-3902-2 MS	BH24-35 2'	Total/NA	Solid	SHAKE	
885-3902-2 MSD	BH24-35 2'	Total/NA	Solid	SHAKE	

Analysis Batch: 4522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-4470/1-A	Method Blank	Total/NA	Solid	8015D	4470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3902-1	BH24-35 0'	Total/NA	Solid	8015D	4470
885-3902-2	BH24-35 2'	Total/NA	Solid	8015D	4470
885-3902-2 MS	BH24-35 2'	Total/NA	Solid	8015D	4470
885-3902-2 MSD	BH24-35 2'	Total/NA	Solid	8015D	4470

HPLC/IC

Leach Batch: 80359

La	ab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch	
88	35-3902-1	BH24-35 0'	Soluble	Solid	DI Leach	
88	35-3902-2	BH24-35 2'	Soluble	Solid	DI Leach	
MI	B 880-80359/1-A	Method Blank	Soluble	Solid	DI Leach	

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Analysis Batch: 4658

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QC Association Summary

Client: Vertex Job ID: 885-3902-1

Project/Site: Lynx Federal 1

HPLC/IC (Continued)

Leach Batch: 80359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-80359/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-80359/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 80363

Lab Sampl	e ID Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3902-1		Soluble	Solid	300.0	80359
885-3902-2	2 BH24-35 2'	Soluble	Solid	300.0	80359
MB 880-80	359/1-A Method Blank	Soluble	Solid	300.0	80359
LCS 880-8	0359/2-A Lab Control Sample	Soluble	Solid	300.0	80359
LCSD 880-	80359/3-A Lab Control Sample Dup	Soluble	Solid	300.0	80359

Lab Chronicle

Client: Vertex Job ID: 885-3902-1

Project/Site: Lynx Federal 1

Client Sample ID: BH24-35 0'

Lab Sample ID: 885-3902-1 Date Collected: 05/02/24 09:30

Matrix: Solid

Date Received: 05/04/24 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			4448	JP	EET ALB	05/06/24 16:05
Total/NA	Analysis	8015D		1	4672	JP	EET ALB	05/09/24 03:44
Total/NA	Prep	5030C			4448	JP	EET ALB	05/06/24 16:05
Total/NA	Analysis	8021B		1	4673	JP	EET ALB	05/09/24 03:44
Total/NA	Prep	SHAKE			4470	PD	EET ALB	05/07/24 08:53
Total/NA	Analysis	8015D		1	4658	JU	EET ALB	05/08/24 13:15
Soluble	Leach	DI Leach			80359	SA	EET MID	05/09/24 13:08
Soluble	Analysis	300.0		1	80363	SMC	EET MID	05/09/24 21:47

Client Sample ID: BH24-35 2' Lab Sample ID: 885-3902-2

Date Collected: 05/02/24 09:35 **Matrix: Solid**

Date Received: 05/04/24 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			4448	JP	EET ALB	05/06/24 16:05
Total/NA	Analysis	8015D		1	4672	JP	EET ALB	05/09/24 04:55
Total/NA	Prep	5030C			4448	JP	EET ALB	05/06/24 16:05
Total/NA	Analysis	8021B		1	4673	JP	EET ALB	05/09/24 04:55
Total/NA	Prep	SHAKE			4470	PD	EET ALB	05/07/24 08:53
Total/NA	Analysis	8015D		1	4658	JU	EET ALB	05/08/24 13:39
Soluble	Leach	DI Leach			80359	SA	EET MID	05/09/24 13:08
Soluble	Analysis	300.0		1	80363	SMC	EET MID	05/09/24 21:52

Laboratory References:

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

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Vertex Job ID: 885-3902-1

Project/Site: Lynx Federal 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			
8015D	5030C	Solid	Gasoline Range Orga	anics [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			
on	NELA	Þ	NM100001	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
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

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date			
Texas	NELAP	T104704400-23-26	06-30-24			

Eurofins Albuquerque

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Chain-of-Custody Record Client: VeAex (Deun)		Turn-Around Time: 5-day Standard □ Rush						11_				N H W.	7 T E	· ^	A RABE		' B. H. T	TAI				
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,			Project Name:				www.hallenvironmental.com						H 400	•								
Mailing	Address	: On	file		LYNX	Lynx Federal 1 Project #:			4901 Hawkins NE - Albuquerque, NM 87109													
			i e		Project #:			Tel. 505-345-3975 Fax 505-345-4107								35-3902	coc					
Phone #	4 :				23E-03	2964		Analysis Request														
email o	r Fax#:	V			Project Manager:			1	0)					SO4			E)					
QA/QC	Package: dard		□ Level 4 (Full	Validation)	Kent Stallings			's (8021)	O/MR	PCB's		8270SIMS		PO ₄ , S			(Present/Absent)					
Accredi	tation:	□ Az Co	mpliance		Sampler: 5	m		TMB'	/ DR	082	=	827(NO ₂ ,			eser			i	ŀ	
□ NEL		□ Other			On Ice:	\\$\daggregation Yes	□ No movity	I ~ I	80	es/8	504	o C	sli			(AO	P.					
□ EDD	(Type)				# of Coolers:	(O(Including CF): 3.9	1-0.1=3.8 (°C)	MTBE	D)G	ticid	thod	831	Veta	Br, NO ₃ ,	Æ	Mi-V	form					
Doto	T: c	Matrix	Sample Nam		Container	Preservative		BPEX / N	TPH-8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or	RCRA 8 Metals	lķF, Br,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform					
			Sample Nam	0′	Type and #	Type		, <u>m</u>	7	æ	ш		<u> </u>	$\frac{O}{}$	8	8	<u> </u>	 			_	
5/2/24	9:30	2011	BH24-35		4 ozjar	Fæ	\	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					<u> </u>							\dashv	
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Date Time Relinquished by		Received by Via. counter Date Time 5/4/24			C.L. K. Stallings @ wertex. (2																	
·L	1917) If necessary	samples sut	omitted to Hall Environm	nental mav be sub	contracted to other	accredited laboratori	es This serves as notice of thi	<u> </u>		<u>877</u>) C(<u> 2/ t</u>	<u>10</u>	19/1	y c	L		_				

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Login Sample Receipt Checklist

Client: Vertex Job Number: 885-3902-1

Login Number: 3902 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.</td <td>True</td> <td></td>	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.	False	Sample splitting required for subcontract purposes.
Residual Chlorine Checked.	N/A	

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Login Sample Receipt Checklist

Client: Vertex Job Number: 885-3902-1

Login Number: 3902 List Source: Eurofins Midland
List Number: 2 List Creation: 05/08/24 01:53 PM

Creator: Vasquez, Julisa

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

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<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/2/2024 9:17:33 PM

JOB DESCRIPTION

Lynx Federal #1

JOB NUMBER

885-3301-1

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 3

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Client: Vertex Laboratory Job ID: 885-3301-1

Project/Site: Lynx Federal #1

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Certification Summary	23
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Definitions/Glossary

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Qualifiers

GC Semi VOA

Qualifier Qualifier Description

D Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a

dilution may be flagged with a D.

S1- Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	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 Job ID: 885-3301-1

Project: Lynx Federal #1

Job ID: 885-3301-1 **Eurofins Albuquerque**

Job Narrative 885-3301-1

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 4/24/2024 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.1°C and 1.6°C.

Gasoline Range Organics

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

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 following samples were diluted due to the nature of the sample matrix: BH24-22 4' (885-3301-1) and BH24-32 2' (885-3301-4). Elevated reporting limits (RLs) are provided.

Method 8015D DRO: The following samples were diluted due to the nature of the sample matrix: BH24-33 2' (885-3301-7) and BH24-33 4' (885-3301-8). Elevated reporting limits (RLs) are provided.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-79441 and analytical batch 880-79458 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

BH24-22 4' (885-3301-1), BH24-28 4' (885-3301-2), BH24-31 4' (885-3301-3), BH24-32 2' (885-3301-4), BH24-32 4' (885-3301-5), (885-3300-B-33-A), (885-3300-B-33-B MS) and (885-3300-B-33-C MSD)

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

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client Sample ID: BH24-22 4'

Lab Sample ID: 885-3301-1 Date Collected: 04/19/24 10:00

Date Received: 04/24/24 07:45

Xylenes, Total

ı	Jampie	ID.	003-3301-1
			Matrix: Solid

04/24/24 16:06 04/25/24 18:58

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND	4.9	mg/Kg		04/24/24 16:06	04/25/24 18:58	1
Surrogate	%Recovery Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97	15 - 244			04/04/04 16:06	04/25/24 18:58	
-	91	13 - 244			04/24/24 16.06	04/25/24 16.56	,
Method: SW846 8021B - Vo	-	unds (GC)	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
 Method: SW846 8021B - Vo	latile Organic Compo	unds (GC)	<mark>Unit</mark> mg/Kg	<u>D</u>			Dil Fac
Method: SW846 8021B - Vo	latile Organic Compo Result Qualifier	unds (GC)		<u>D</u>	Prepared 04/24/24 16:06	Analyzed 04/25/24 18:58	Dil Fac 1

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr)

0.098

mg/Kg

ND

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	250	90	mg/Kg		04/25/24 11:14	04/27/24 02:07	10
Motor Oil Range Organics [C28-C40]	800	450	mg/Kg	(04/25/24 11:14	04/27/24 02:07	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	D S1-	62 - 134	04/25/24 11:14	04/27/24 02:07	10

	Method: EPA 300.0 - Anions, Id	on Chromato	ography - S	soluble					
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	500		5.0	mg/Kg			04/26/24 22:27	1

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client Sample ID: BH24-28 4' Lab Sample ID: 885-3301-2

Date Collected: 04/19/24 10:20

Date Received: 04/24/24 07:45

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5.0	mg/Kg		04/24/24 16:06	04/25/24 19:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 244			04/24/24 16:06	04/25/24 19:20	1
Method: SW846 8021B - Volat	tile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/24/24 16:06	04/25/24 19:20	1
Ethylbenzene	ND		0.050	mg/Kg		04/24/24 16:06	04/25/24 19:20	1
Toluene	ND		0.050	mg/Kg		04/24/24 16:06	04/25/24 19:20	1
Xylenes, Total	ND		0.10	mg/Kg		04/24/24 16:06	04/25/24 19:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						04/24/24 16:06	04/25/24 19:20	1
Method: SW846 8015D - Dies	el Range Or	ganics (DF	(O) (GC)					
		ganics (DF Qualifier	RO) (GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte		•	, , ,	Unit mg/Kg	<u>D</u>	Prepared 04/25/24 11:14	Analyzed 04/27/24 02:20	Dil Fac
Analyte C10-C28	Result	•	RL		<u>D</u>			Dil Fac
Method: SW846 8015D - Dies Analyte C10-C28 Motor Oil Range Organics [C28-C40] Surrogate	Result ND	Qualifier	9.8 —	mg/Kg	<u>D</u>	04/25/24 11:14	04/27/24 02:20	Dil Fac
Analyte C10-C28 Motor Oil Range Organics [C28-C40]	Result ND ND	Qualifier	9.8 49	mg/Kg	<u>D</u>	04/25/24 11:14 04/25/24 11:14	04/27/24 02:20 04/27/24 02:20	1
Analyte C10-C28 Motor Oil Range Organics [C28-C40] Surrogate	Result ND ND **Recovery 114	Qualifier Qualifier	9.8 49 Limits 62 - 134	mg/Kg	<u>D</u>	04/25/24 11:14 04/25/24 11:14 Prepared	04/27/24 02:20 04/27/24 02:20 Analyzed	1
Analyte C10-C28 Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND **Recovery 114 Ion Chromat	Qualifier Qualifier	9.8 49 Limits 62 - 134	mg/Kg	<u>D</u>	04/25/24 11:14 04/25/24 11:14 Prepared	04/27/24 02:20 04/27/24 02:20 Analyzed	1

2

А

5

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8

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Surrogate

Analyte

Chloride

Di-n-octyl phthalate (Surr)

Client Sample ID: BH24-31 4'

Date Collected: 04/19/24 10:40
Date Received: 04/24/24 07:45

%Recovery Qualifier

Result Qualifier

113

75

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Lab Sample ID: 885-3301-3 Matrix: Solid

Analyzed

Analyzed

04/26/24 22:36

04/25/24 11:14 04/27/24 02:32

Dil Fac

Dil Fac

Prepared

Prepared

D

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7	mg/Kg		04/24/24 16:06	04/25/24 19:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 244			04/24/24 16:06	04/25/24 19:41	1
- Method: SW846 8021B - Volat	ile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/24/24 16:06	04/25/24 19:41	1
Ethylbenzene	ND		0.047	mg/Kg		04/24/24 16:06	04/25/24 19:41	1
Toluene	ND		0.047	mg/Kg		04/24/24 16:06	04/25/24 19:41	1
Xylenes, Total	ND		0.094	mg/Kg		04/24/24 16:06	04/25/24 19:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						04/24/24 16:06	04/25/24 19:41	1
Method: SW846 8015D - Dies	el Range Or	ganics (DF	RO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		9.3	mg/Kg		04/25/24 11:14	04/27/24 02:32	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		04/25/24 11:14	04/27/24 02:32	1

Limits

62 - 134

5.0

Unit

mg/Kg

Eurofins Albuquerque

_

4

6

8

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client Sample ID: BH24-32 2' Lab Sample ID: 885-3301-4

Date Collected: 04/19/24 11:00 Matrix: Solid

Date Received: 04/24/24 07:45

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
C6-C10	ND		4.9	mg/Kg		04/24/24 16:06	04/25/24 20:03	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		15 - 244			04/24/24 16:06	04/25/24 20:03	
Method: SW846 8021B - Vo	olatile Organic	Compound	ds (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	ND		0.024	mg/Kg		04/24/24 16:06	04/25/24 20:03	
Ethylbenzene	ND		0.049	mg/Kg		04/24/24 16:06	04/25/24 20:03	
Toluene	ND		0.049	mg/Kg		04/24/24 16:06	04/25/24 20:03	
Xylenes, Total	ND		0.098	mg/Kg		04/24/24 16:06	04/25/24 20:03	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)						04/24/24 16:06	04/25/24 20:03	
Method: SW846 8015D - Di	esel Range Or	ganics (DF	RO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Allalyte							0.4.07.10.4.00.45	
	140		89	mg/Kg		04/25/24 11:14	04/27/24 02:45	•
C10-C28 Motor Oil Range Organics			89 440	mg/Kg mg/Kg		•	04/27/24 02:45	1
C10-C28 Motor Oil Range Organics [C28-C40]	140	Qualifier		0 0		•		
C10-C28 Motor Oil Range Organics [C28-C40] Surrogate	140 580 %Recovery		440	0 0		04/25/24 11:14	04/27/24 02:45	Dil Fa
C10-C28 Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	140 580 %Recovery 0	D S1-	440 Limits 62 - 134	0 0		04/25/24 11:14 Prepared	04/27/24 02:45 Analyzed	Dil Fa
C10-C28 Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anion Analyte	%Recovery 0 s, lon Chromat	D S1-	440 Limits 62 - 134	0 0	D	04/25/24 11:14 Prepared	04/27/24 02:45 Analyzed	

Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client: Vertex

Client Sample ID: BH24-32 4'

Lab Sample ID: 885-3301-5

Matrix: Solid

Date Collected: 04/19/24 11:20 Date Received: 04/24/24 07:45

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.7	mg/Kg		04/24/24 16:06	04/25/24 20:25	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		15 - 244			04/24/24 16:06	04/25/24 20:25	
Method: SW846 8021B - Vo	latile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	ND		0.024	mg/Kg		04/24/24 16:06	04/25/24 20:25	
Ethylbenzene	ND		0.047	mg/Kg		04/24/24 16:06	04/25/24 20:25	
Toluene	ND		0.047	mg/Kg		04/24/24 16:06	04/25/24 20:25	
Xylenes, Total	ND		0.094	mg/Kg		04/24/24 16:06	04/25/24 20:25	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)						04/24/24 16:06	04/25/24 20:25	
- Method: SW846 8015D - Die	esel Range Or	ganics (DF	RO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	120		8.9	mg/Kg		04/25/24 11:14	04/29/24 18:06	
Motor Oil Range Organics	250		44	mg/Kg		04/25/24 11:14	04/29/24 18:06	•
[C28-C40]								
[C28-C40]	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
[C28-C40]	%Recovery 116	Qualifier	Limits 62 - 134			Prepared 04/25/24 11:14		
[C28-C40] Surrogate Di-n-octyl phthalate (Surr)	116		62 - 134					
[C28-C40] Surrogate	116 s, lon Chroma		62 - 134	Unit	D			Dil Fac

Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client: Vertex

Lab Sample ID: 885-3301-6 Client Sample ID: BH24-33 0' Date Collected: 04/19/24 11:40

Matrix: Solid

Date Received: 04/24/24 07:45

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.6	mg/Kg		04/24/24 16:06	04/25/24 20:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 244			04/24/24 16:06	04/25/24 20:47	1
Method: SW846 8021B - Vo	olatile Organic	Compound	ds (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		04/24/24 16:06	04/25/24 20:47	1
Ethylbenzene	ND		0.046	mg/Kg		04/24/24 16:06	04/25/24 20:47	1
Toluene	ND		0.046	mg/Kg		04/24/24 16:06	04/25/24 20:47	1
Xylenes, Total	ND		0.092	mg/Kg		04/24/24 16:06	04/25/24 20:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						04/24/24 16:06	04/25/24 20:47	1
Method: SW846 8015D - Di	esel Range Or	ganics (DF	RO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	44		9.9	mg/Kg		04/25/24 11:14	04/30/24 23:15	1
Motor Oil Range Organics [C28-C40]	140		49	mg/Kg		04/25/24 11:14	04/30/24 23:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	62		62 - 134			04/25/24 11:14	04/30/24 23:15	1
Method: EPA 300.0 - Anion	s, Ion Chroma	tography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride			5.0	mg/Kg			04/29/24 14:48	1

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client Sample ID: BH24-33 2' Lab Sample ID: 885-3301-7

Date Collected: 04/19/24 12:00 Matrix: Solid

Date Received: 04/24/24 07:45

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
C6-C10	ND		4.8	mg/Kg		04/25/24 12:10	04/26/24 23:06	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		15 - 244			04/25/24 12:10	04/26/24 23:06	
Method: SW846 8021B - Vo	olatile Organic	Compound	ds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	ND		0.024	mg/Kg		04/25/24 12:10	04/26/24 23:06	
Ethylbenzene	ND		0.048	mg/Kg		04/25/24 12:10	04/26/24 23:06	
Toluene	ND		0.048	mg/Kg		04/25/24 12:10	04/26/24 23:06	
Xylenes, Total	ND		0.096	mg/Kg		04/25/24 12:10	04/26/24 23:06	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	86		39 - 146			04/25/24 12:10	04/26/24 23:06	
. ,	00		39 - 140			04/23/24 12.10	04/20/24 23.00	
Method: SW846 8015D - Di		ganics (DF				04/23/24 12.10	04/20/24 23.00	
	iesel Range Or	ganics (DF Qualifier		Unit	D	Prepared	Analyzed	Dil Fa
Analyte	iesel Range Or	•	RO) (GC)	<mark>Unit</mark> mg/Kg	<u>D</u>			
Analyte C10-C28 Motor Oil Range Organics	iesel Range Or Result	•	RO) (GC)		<u>D</u>	Prepared	Analyzed	1
Analyte C10-C28 Motor Oil Range Organics [C28-C40]	iesel Range Or Result	Qualifier	RO) (GC) RL 89	mg/Kg	<u>D</u>	Prepared 04/26/24 12:53	Analyzed 04/30/24 17:58	
Analyte C10-C28 Motor Oil Range Organics [C28-C40] Surrogate	iesel Range Or Result 200 500	Qualifier Qualifier	RO) (GC) RL 89 450	mg/Kg	<u> </u>	Prepared 04/26/24 12:53 04/26/24 12:53	Analyzed 04/30/24 17:58 04/30/24 17:58	Dil Fa
Analyte C10-C28 Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result 200 500 %Recovery	Qualifier Qualifier S1- D	RO) (GC) RL 89 450 Limits 62 - 134	mg/Kg	<u>D</u>	Prepared 04/26/24 12:53 04/26/24 12:53 Prepared	Analyzed 04/30/24 17:58 04/30/24 17:58 Analyzed	Dil Fa
Method: SW846 8015D - Di Analyte C10-C28 Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anion Analyte	Result 200 500 %Recovery 0	Qualifier Qualifier S1- D	RO) (GC) RL 89 450 Limits 62 - 134	mg/Kg	<u>D</u>	Prepared 04/26/24 12:53 04/26/24 12:53 Prepared	Analyzed 04/30/24 17:58 04/30/24 17:58 Analyzed	Dil Fa

3

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Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client Sample ID: BH24-33 4'

27

Lab Sample ID: 885-3301-8 Date Collected: 04/19/24 12:20 **Matrix: Solid**

Date Received: 04/24/24 07:45

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		4.9	mg/Kg		04/25/24 12:10	04/27/24 00:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 244			04/25/24 12:10	04/27/24 00:11	1
Method: SW846 8021B - Vol	latile Organic	Compound	ds (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		04/25/24 12:10	04/27/24 00:11	1
Ethylbenzene	ND		0.049	mg/Kg		04/25/24 12:10	04/27/24 00:11	1
Toluene	ND		0.049	mg/Kg		04/25/24 12:10	04/27/24 00:11	1
Xylenes, Total	ND		0.098	mg/Kg		04/25/24 12:10	04/27/24 00:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		39 - 146			04/25/24 12:10	04/27/24 00:11	1
Method: SW846 8015D - Die	esel Range Or	ganics (DF	RO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	160		50	mg/Kg		04/26/24 12:53	05/01/24 15:25	5
Motor Oil Range Organics [C28-C40]	420		250	mg/Kg		04/26/24 12:53	05/01/24 15:25	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	113		62 - 134			04/26/24 12:53	05/01/24 15:25	5

5.0

mg/Kg

Eurofins Albuquerque

04/29/24 14:57

Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Prep Batch: 3834

Prep Batch: 3844

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

Lab Sample ID: MB 885-3834/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Solid

Client: Vertex

Analysis Batch: 4029

MB MB Result Qualifier RL Unit D Analyzed Dil Fac Analyte Prepared C6-C10 04/24/24 13:52 04/26/24 11:50 ND 5.0 mg/Kg

MB MB

%Recovery Surrogate Qualifier Limits Prepared Analyzed Dil Fac 15 - 244 04/24/24 13:52 04/26/24 11:50 4-Bromofluorobenzene (Surr) 98

Lab Sample ID: MB 885-3844/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 3951

MB MB Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac C6-C10 ND 5.0 mg/Kg 04/24/24 16:06 04/25/24 11:43

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 15 - 244 04/24/24 16:06 04/25/24 11:43 103

Lab Sample ID: LCS 885-3844/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 3951

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits

C6-C10 25.0 24.6 mg/Kg 70 - 130

LCS LCS

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 221 15 - 244

Lab Sample ID: MB 885-3888/1-A

Matrix: Solid Prep Type: Total/NA Analysis Batch: 4029 Prep Batch: 3888

MB MB Analyte Result Qualifier RL Unit D Prepared Analyzed C6-C10 $\overline{\mathsf{ND}}$ 5.0 mg/Kg

MB MB

Qualifier Limits Dil Fac Surrogate %Recovery Prepared Analyzed 4-Bromofluorobenzene (Surr) 04/25/24 12:10 04/26/24 22:44 15 - 244 101

Lab Sample ID: LCS 885-3888/2-A

Matrix: Solid

Analysis Batch: 4029 Prep Batch: 3888 Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %Rec Limits C6-C10 25.0 25.1 70 - 130 mg/Kg 101

LCS LCS

%Recovery Surrogate Qualifier Limits 224 15 - 244 4-Bromofluorobenzene (Surr)

Eurofins Albuquerque

Client Sample ID: Method Blank

Prep Batch: 3844

04/25/24 12:10 04/26/24 22:44

Dil Fac

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 3888

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Lab Sample ID: 885-3301-7 MS Client Sample ID: BH24-33 2'

Matrix: Solid

Analysis Batch: 4029									Prep B	atch: 388
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
C6-C10	ND		23.8	24.4		mg/Kg		103	70 - 130	
	MC	MC								

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

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 15 - 244 233

Lab Sample ID: 885-3301-7 MSD Client Sample ID: BH24-33 2' Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 4029

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
C6-C10	ND		23.8	22.7		mg/Kg		95	70 - 130	7	20

MSD MSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 228 15 - 244

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-3834/1-A

Matrix: Solid

Analysis Batch: 4030

	Client Sample ID: Wethod Blank
	Prep Type: Total/NA
	Prep Batch: 3834
MB MB	

Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
ND	0.025	mg/Kg		04/24/24 13:52	04/26/24 11:50	1
ND	0.050	mg/Kg		04/24/24 13:52	04/26/24 11:50	1
ND	0.050	mg/Kg		04/24/24 13:52	04/26/24 11:50	1
ND	0.10	mg/Kg		04/24/24 13:52	04/26/24 11:50	1
	ND ND ND	ND 0.025 ND 0.050 ND 0.050	ND 0.025 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg	ND 0.025 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg	ND 0.025 mg/Kg 04/24/24 13:52 ND 0.050 mg/Kg 04/24/24 13:52 ND 0.050 mg/Kg 04/24/24 13:52 ND 0.050 mg/Kg 04/24/24 13:52	ND 0.025 mg/Kg 04/24/24 13:52 04/26/24 11:50 ND 0.050 mg/Kg 04/24/24 13:52 04/26/24 11:50 ND 0.050 mg/Kg 04/24/24 13:52 04/26/24 11:50 ND 0.050 mg/Kg 04/24/24 13:52 04/26/24 11:50

Surrogate %Recovery Qualifier Limits

MB MB

Prepared Analyzed Dil Fac 04/24/24 13:52 04/26/24 11:50 4-Bromofluorobenzene (Surr) 87 39 - 146

Lab Sample ID: MB 885-3844/1-A	Client Sample ID: Method Blank
Matrix: Solid	Prep Type: Total/NA
Analysis Batch: 3952	Prep Batch: 3844
MR MR	

	1410 11	110						
Analyte	Result C	Qualifier RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND	0.025	mg/Kg		04/24/24 16:06	04/25/24 11:43	1	
Ethylbenzene	ND	0.050	mg/Kg		04/24/24 16:06	04/25/24 11:43	1	
Toluene	ND	0.050	mg/Kg		04/24/24 16:06	04/25/24 11:43	1	
Xylenes, Total	ND	0.10	mg/Kg		04/24/24 16:06	04/25/24 11:43	1	
	MB N	ИВ						

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr)

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

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

Lab Sample ID: LCS 885-3844/3-A

Matrix: Solid

Analysis Batch: 3952

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

Prep Batch: 3844

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	1.00	0.936		mg/Kg		94	70 - 130	
Ethylbenzene	1.00	0.950		mg/Kg		95	70 - 130	
Toluene	1.00	0.950		mg/Kg		95	70 - 130	
m,p-Xylene	2.00	1.91		mg/Kg		95	70 - 130	
o-Xylene	1.00	0.954		mg/Kg		95	70 - 130	
Xylenes, Total	3.00	2.86		mg/Kg		95	70 - 130	

Lab Sample ID: MB 885-3888/1-A

Matrix: Solid

Analysis Batch: 4030

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3888

	MB MB	3					
Analyte	Result Qu	alifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND	0.025	mg/Kg		04/25/24 12:10	04/26/24 22:44	1
Ethylbenzene	ND	0.050	mg/Kg		04/25/24 12:10	04/26/24 22:44	1
Toluene	ND	0.050	mg/Kg		04/25/24 12:10	04/26/24 22:44	1
Xylenes, Total	ND	0.10	mg/Kg		04/25/24 12:10	04/26/24 22:44	1
	Benzene Ethylbenzene Toluene	Analyte Result Quadratic Benzene ND Ethylbenzene ND Toluene ND	Benzene ND 0.025 Ethylbenzene ND 0.050 Toluene ND 0.050	Analyte Result Benzene Qualifier RL O.025 Unit mg/Kg Ethylbenzene ND O.050 mg/Kg Toluene ND O.050 mg/Kg	Analyte Result Benzene Qualifier RL 0.025 Unit mg/Kg D Ethylbenzene ND 0.050 mg/Kg Toluene ND 0.050 mg/Kg	Analyte Result Benzene Qualifier RL 0.025 Unit mg/Kg D 04/25/24 12:10 Ethylbenzene ND 0.050 mg/Kg 04/25/24 12:10 04/25/24 12:10 Toluene ND 0.050 mg/Kg 04/25/24 12:10 04/25/24 12:10	Analyte Result Benzene Qualifier ND RL 0.025 Unit mg/Kg D 04/25/24 12:10 Analyzed 04/26/24 22:44 Ethylbenzene ND 0.050 mg/Kg 04/25/24 12:10 04/26/24 22:44 Toluene ND 0.050 mg/Kg 04/25/24 12:10 04/26/24 22:44

 Surrogate
 %Recovery 4-Bromofluorobenzene (Surr)
 88
 Limits 39 - 146
 Prepared 04/25/24 12:10
 Analyzed 04/26/24 22:44
 Dil Fac 04/25/24 12:10

Lab Sample ID: LCS 885-3888/3-A

Matrix: Solid

Analysis Batch: 4030

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

Prep Batch: 3888

Spike	LCS	LCS				%Rec	
Added	Result	Qualifier	Unit	D	%Rec	Limits	
1.00	0.910		mg/Kg		91	70 - 130	
1.00	0.927		mg/Kg		93	70 - 130	
1.00	0.919		mg/Kg		92	70 - 130	
2.00	1.85		mg/Kg		92	70 - 130	
1.00	0.925		mg/Kg		92	70 - 130	
3.00	2.77		mg/Kg		92	70 - 130	
	Added 1.00 1.00 1.00 2.00 1.00	Added Result 1.00 0.910 1.00 0.927 1.00 0.919 2.00 1.85 1.00 0.925	Added Result Qualifier 1.00 0.910 1.00 0.927 1.00 0.919 2.00 1.85 1.00 0.925	Added Result Qualifier Unit 1.00 0.910 mg/Kg 1.00 0.927 mg/Kg 1.00 0.919 mg/Kg 2.00 1.85 mg/Kg 1.00 0.925 mg/Kg	Added Result Qualifier Unit D 1.00 0.910 mg/Kg 1.00 0.927 mg/Kg 1.00 0.919 mg/Kg 2.00 1.85 mg/Kg 1.00 0.925 mg/Kg	Added Result Qualifier Unit D %Rec 1.00 0.910 mg/Kg 91 1.00 0.927 mg/Kg 93 1.00 0.919 mg/Kg 92 2.00 1.85 mg/Kg 92 1.00 0.925 mg/Kg 92	Added Result Qualifier Unit D %Rec Limits 1.00 0.910 mg/Kg 91 70 - 130 1.00 0.927 mg/Kg 93 70 - 130 1.00 0.919 mg/Kg 92 70 - 130 2.00 1.85 mg/Kg 92 70 - 130 1.00 0.925 mg/Kg 92 70 - 130

LCS LCS

Surrogate%RecoveryQualifierLimits4-Bromofluorobenzene (Surr)8839 - 146

Lab Sample ID: 885-3301-8 MS

Matrix: Solid

Analysis Batch: 4030

Client Sample ID: BH24-33 4'

Prep Type: Total/NA Prep Batch: 3888

%Rec Sample Sample Spike MS MS Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene ND 0.981 0.951 97 70 - 130 mg/Kg Ethylbenzene ND 0.981 0.982 mg/Kg 100 70 - 130 Toluene ND 0.981 0.968 mg/Kg 99 70 - 130 ND 100 m,p-Xylene 1.96 1.96 mg/Kg 70 - 130 o-Xylene ND 0.981 0.975 mg/Kg 99 70 - 130 Xylenes, Total ND 2.94 2.93 100 70 - 130 mg/Kg

Prep Batch: 3888

Prep Type: Total/NA

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

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

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Client Sample ID: BH24-33 4' Lab Sample ID: 885-3301-8 MS **Prep Type: Total/NA**

Matrix: Solid Analysis Batch: 4030

MS MS %Recovery Qualifier Limits Surrogate

Client Sample ID: BH24-33 4' Lab Sample ID: 885-3301-8 MSD

39 - 146

Matrix: Solid

4-Bromofluorobenzene (Surr)

Analysis Batch: 4030									Prep	Batcn:	3888
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		0.989	0.931		mg/Kg		94	70 - 130	2	20
Ethylbenzene	ND		0.989	0.969		mg/Kg		98	70 - 130	1	20
Toluene	ND		0.989	0.954		mg/Kg		96	70 - 130	1	20
m,p-Xylene	ND		1.98	1.94		mg/Kg		98	70 - 130	1	20
o-Xylene	ND		0.989	0.966		mg/Kg		98	70 - 130	1	20
Xylenes, Total	ND		2.97	2.90		mg/Kg		98	70 - 130	1	20

MSD MSD %Recovery Qualifier Surrogate Limits 87 4-Bromofluorobenzene (Surr) 39 - 146

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

Lab Sample ID: MB 885-3879/1-A **Matrix: Solid**

Analysis Batch: 4043

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	ND		10	mg/Kg		04/25/24 11:14	04/26/24 22:32	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		04/25/24 11:14	04/26/24 22:32	1

MB MB

Dil Fac Surrogate %Recovery Qualifier Limits Prepared Analyzed 04/25/24 11:14 04/26/24 22:32 Di-n-octyl phthalate (Surr) 117 62 - 134

Lab Sample ID: LCS 885-3879/2-A

Matrix: Solid

Analysis Batch: 4043

•	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
C10-C28	50.0	45.6		mg/Kg		91	60 - 135	

LCS LCS

Limits Surrogate %Recovery Qualifier Di-n-octyl phthalate (Surr) 62 - 134 112

Lab

Released to Imaging: 8/9/2024 9:14:08 AM

Mat

Ana

ib Sample ID: MB 885-3963/1-A	Client Sample ID: Method Blank
atrix: Solid	Prep Type: Total/NA
nalysis Batch: 4042	Prep Batch: 3963

MB MB Result Qualifier Analyte RL Unit Prepared Analyzed Dil Fac C10-C28 ND 10 mg/Kg 04/26/24 12:53 04/29/24 17:29 Motor Oil Range Organics [C28-C40] ND 50 mg/Kg 04/26/24 12:53 04/29/24 17:29

Eurofins Albuquerque

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

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3879

Prep Batch: 3879

Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client: Vertex

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

Lab Sample ID: MB 885-3963/1-A Client Sample ID: Method Blank **Matrix: Solid**

Analysis Batch: 4042

Prep Type: Total/NA

Prepared

Prep Batch: 3963

Analyzed

MB MB

%Recovery Qualifier Surrogate

Limits Di-n-octyl phthalate (Surr) 102 62 - 134

04/26/24 12:53 04/29/24 17:29

Lab Sample ID: LCS 885-3963/2-A

Matrix: Solid

Analysis Batch: 4042

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

Prep Batch: 3963

Spike LCS LCS %Rec Added Result Qualifier Limits **Analyte** Unit %Rec C10-C28 50.0 60 - 135 418 mg/Kg 84

LCS LCS

Surrogate %Recovery Qualifier Limits 62 - 134 Di-n-octyl phthalate (Surr) 100

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-79441/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 79458

MR MR

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Chloride ND 5.0 mg/Kg 04/26/24 20:21

Lab Sample ID: LCS 880-79441/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 79458

LCS LCS Spike %Rec Added Analyte Result Qualifier Unit %Rec Limits 250 236 Chloride 94 90 - 110 mg/Kg

Lab Sample ID: LCSD 880-79441/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 79458

Spike LCSD LCSD %Rec **RPD Analyte** Added Result Qualifier Unit D %Rec Limits **RPD** Limit Chloride 250 236 mg/Kg 95 90 - 110 0

Lab Sample ID: MB 880-79444/1-A **Client Sample ID: Method Blank Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 79536

MB MB

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Chloride 5.0 mg/Kg 04/29/24 12:33 ND

Lab Sample ID: LCS 880-79444/2-A

Matrix: Solid

Analysis Batch: 79536

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 231 mg/Kg 92 90 - 110

Eurofins Albuquerque

Prep Type: Soluble

Client Sample ID: Lab Control Sample

Dil Fac

QC Sample Results

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-79444/3-A **Client Sample ID: Lab Control Sample Dup Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 79536

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	233		ma/Ka		93	90 - 110		20

Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client: Vertex

Client Sample ID: BH24-22 4'

Date Collected: 04/19/24 10:00 Date Received: 04/24/24 07:45 Lab Sample ID: 885-3301-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8015D		1	3951	RA	EET ALB	04/25/24 18:58
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8021B		1	3952	RA	EET ALB	04/25/24 18:58
Total/NA	Prep	SHAKE			3879	JU	EET ALB	04/25/24 11:14
Total/NA	Analysis	8015D		10	4043	JU	EET ALB	04/27/24 02:07
Soluble	Leach	DI Leach			79441	SA	EET MID	04/26/24 14:14
Soluble	Analysis	300.0		1	79458	SMC	EET MID	04/26/24 22:27

Client Sample ID: BH24-28 4'

Date Collected: 04/19/24 10:20

Date Received: 04/24/24 07:45

Lab Sample ID: 885-3301-2

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8015D		1	3951	RA	EET ALB	04/25/24 19:20
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8021B		1	3952	RA	EET ALB	04/25/24 19:20
Total/NA	Prep	SHAKE			3879	JU	EET ALB	04/25/24 11:14
Total/NA	Analysis	8015D		1	4043	JU	EET ALB	04/27/24 02:20
Soluble	Leach	DI Leach			79441	SA	EET MID	04/26/24 14:14
Soluble	Analysis	300.0		1	79458	SMC	EET MID	04/26/24 22:31

Client Sample ID: BH24-31 4'

Date Collected: 04/19/24 10:40

Date Received: 04/24/24 07:45

Lab Sample ID: 885-3301-3

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8015D		1	3951	RA	EET ALB	04/25/24 19:41
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8021B		1	3952	RA	EET ALB	04/25/24 19:41
Total/NA	Prep	SHAKE			3879	JU	EET ALB	04/25/24 11:14
Total/NA	Analysis	8015D		1	4043	JU	EET ALB	04/27/24 02:32
Soluble	Leach	DI Leach			79441	SA	EET MID	04/26/24 14:14
Soluble	Analysis	300.0		1	79458	SMC	EET MID	04/26/24 22:36

Client Sample ID: BH24-32 2'

Date Collected: 04/19/24 11:00

Date Received: 04/24/24 07:45

_ab	Sam	ple	ID:	88	5-3	301-	4

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8015D		1	3951	RA	EET ALB	04/25/24 20:03

Client: Vertex

Client Sample ID: BH24-32 2'

Date Collected: 04/19/24 11:00 Date Received: 04/24/24 07:45 Lab Sample ID: 885-3301-4

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8021B		1	3952	RA	EET ALB	04/25/24 20:03
Total/NA	Prep	SHAKE			3879	JU	EET ALB	04/25/24 11:14
Total/NA	Analysis	8015D		10	4043	JU	EET ALB	04/27/24 02:45
Soluble	Leach	DI Leach			79441	SA	EET MID	04/26/24 14:14
Soluble	Analysis	300.0		1	79458	SMC	EET MID	04/26/24 22:41

Client Sample ID: BH24-32 4'

Date Collected: 04/19/24 11:20 Date Received: 04/24/24 07:45 Lab Sample ID: 885-3301-5

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8015D		1	3951	RA	EET ALB	04/25/24 20:25
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8021B		1	3952	RA	EET ALB	04/25/24 20:25
Total/NA	Prep	SHAKE			3879	JU	EET ALB	04/25/24 11:14
Total/NA	Analysis	8015D		1	4126	JU	EET ALB	04/29/24 18:06
Soluble	Leach	DI Leach			79441	SA	EET MID	04/26/24 14:14
Soluble	Analysis	300.0		1	79458	SMC	EET MID	04/26/24 22:46

Client Sample ID: BH24-33 0'

Date Collected: 04/19/24 11:40

Date Received: 04/24/24 07:45

Lab Sample ID: 885-3301-6

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8015D		1	3951	RA	EET ALB	04/25/24 20:47
Total/NA	Prep	5030C			3844	JP	EET ALB	04/24/24 16:06
Total/NA	Analysis	8021B		1	3952	RA	EET ALB	04/25/24 20:47
Total/NA	Prep	SHAKE			3879	JU	EET ALB	04/25/24 11:14
Total/NA	Analysis	8015D		1	4165	JU	EET ALB	04/30/24 23:15
Soluble	Leach	DI Leach			79444	SA	EET MID	04/26/24 15:41
Soluble	Analysis	300.0		1	79536	SMC	EET MID	04/29/24 14:48

Client Sample ID: BH24-33 2'

Date Collected: 04/19/24 12:00

Date Received: 04/24/24 07:45

Lab Sample ID: 885-3301-7

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3888	JP	EET ALB	04/25/24 12:10
Total/NA	Analysis	8015D		1	4029	RA	EET ALB	04/26/24 23:06
Total/NA	Prep	5030C			3888	JP	EET ALB	04/25/24 12:10
Total/NA	Analysis	8021B		1	4030	RA	EET ALB	04/26/24 23:06

Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Client: Vertex

Client Sample ID: BH24-33 2'

Lab Sample ID: 885-3301-7

Matrix: Solid

Date Collected: 04/19/24 12:00 Date Received: 04/24/24 07:45

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	SHAKE			3963	DH	EET ALB	04/26/24 12:53
Total/NA	Analysis	8015D		10	4165	JU	EET ALB	04/30/24 17:58
Soluble	Leach	DI Leach			79444	SA	EET MID	04/26/24 15:41
Soluble	Analysis	300.0		1	79536	SMC	EET MID	04/29/24 14:52

Lab Sample ID: 885-3301-8

Matrix: Solid

Date Collected: 04/19/24 12:20 Date Received: 04/24/24 07:45

Client Sample ID: BH24-33 4'

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3888	JP	EET ALB	04/25/24 12:10
Total/NA	Analysis	8015D		1	4029	RA	EET ALB	04/27/24 00:11
Total/NA	Prep	5030C			3888	JP	EET ALB	04/25/24 12:10
Total/NA	Analysis	8021B		1	4030	RA	EET ALB	04/27/24 00:11
Total/NA	Prep	SHAKE			3963	DH	EET ALB	04/26/24 12:53
Total/NA	Analysis	8015D		5	4251	JU	EET ALB	05/01/24 15:25
Soluble	Leach	DI Leach			79444	SA	EET MID	04/26/24 15:41
Soluble	Analysis	300.0		1	79536	SMC	EET MID	04/29/24 14:57

Laboratory References:

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

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Vertex Job ID: 885-3301-1

Project/Site: Lynx Federal #1

Laboratory: Eurofins Albuquerque

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

Authority	Progr	ram	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-26-25
The following analytes	s are included in this repo	ort, but the laboratory is r	not certified by the governing author	ity. This list may include analytes
for which the agency	does not offer certification	n		
Analysis Method	Prep Method	Matrix	Analyte	
8015D	5030C	Solid	C6-C10	
8015D	SHAKE	Solid	C10-C28	
8015D	SHAKE	Solid	Motor Oil Range Organic	s [C28-C40]
8021B	5030C	Solid	Benzene	
8021B	5030C	Solid	Ethylbenzene	
8021B	5030C	Solid	Toluene	
8021B	5030C	Solid	Xylenes, Total	
Oregon	NELA	D	NM100001	02-26-25

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NFI AP	T104704400-23-26	06-30-24

Eurofins Albuquerque

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			et B:11)		Proje	ect Name		<u> </u>										tal.cc		n .e71			
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□ NE		☐ Othe	ompliance r		Sam On Id			□ No	1	1/0	8081 Pesticides/8082	EDB (Method 504.1)	or 82		NO ₂ ,		8	Pres					
	D (Type) _					Coolers:	て	maty	MTBE,	(GR	ides	od 5	PAHs by 8310 or	RCRA 8 Metals	CL)F, Br, NO3,		8270 (Semi-VOA)	E					
					Cool	er Temp	(including CF):	1-0=1.1 (°C)		150	estic	leth	× 8	8 Me	Э, <u>г</u>	8260 (VOA)	Semi	읥					
					Cont	ainer	Preservative	HEAL No.	ETEX)	\ĕ	81 P	B	Hst	₹	т, П) OS	8) 02	la C					
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Login Sample Receipt Checklist

Client: Vertex Job Number: 885-3301-1

List Source: Eurofins Albuquerque Login Number: 3301

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
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 <6 mm $(1/4")$.	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Released to Imaging: 8/9/2024 9:14:08 AM

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-3301-1

List Source: Eurofins Midland
List Number: 2
List Creation: 04/26/24 11:12 AM

Creator: Rodriguez, Leticia

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

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Environment Testing

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 3

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Laboratory Job ID: 885-3734-1

Client: Vertex Project/Site: Lynx Federal 1

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Definitions/Glossary

Client: Vertex Job ID: 885-3734-1

Project/Site: Lynx Federal 1

35-3734-1

Glossary

MDC

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)

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)

Minimum Detectable Concentration (Radiochemistry)

 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

Job ID: 885-3734-1

Case Narrative

Client: Vertex Job ID: 885-3734-1

Project: Lynx Federal 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
- 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.

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.

Client: Vertex Job ID: 885-3734-1

Project/Site: Lynx Federal 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

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 Comp	ounds (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 R	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
	0.4	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Surrogate	%Recovery					05/02/24 12:13	05/02/24 20:12	
Surrogate Di-n-octyl phthalate (Surr)			62 - 134			05/02/24 12:13	03/02/24 20.12	,
<u>_</u>	72	hy	62 - 134			05/02/24 12:13	03/02/24 20.12	,
Di-n-octyl phthalate (Surr)	72 Chromatograp	hy Qualifier	62 ₋ 134 RL	Unit	D	05/02/24 12:13	Analyzed	Dil Fac

Client: Vertex Job ID: 885-3734-1

Project/Site: Lynx Federal 1

Analyte

Chloride

Client Sample ID: Backfill -02 Lab Sample ID: 885-3734-2

Date Collected: 04/30/24 10:45

Date Received: 05/02/24 07:55

Matrix: Solid

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 Comp	ounds (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 R	ange 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

RL

60

Result Qualifier

ND

Unit

mg/Kg

Prepared

05/02/24 13:07

Dil Fac

20

Analyzed

05/02/24 17:10

Client: Vertex Job ID: 885-3734-1

Project/Site: Lynx Federal 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

100

70 - 130

Prep Type: Total/NA

Prep Batch: 4245

Analyte Result 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

MB MB

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 98 15 - 244 05/02/24 09:56 05/02/24 14:07

Lab Sample ID: LCS 885-4245/2-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

25.0

Matrix: Solid

Analysis Batch: 4316

Prep Batch: 4245 Spike LCS LCS %Rec Added Result Qualifier Unit %Rec Limits 25.0

Gasoline Range Organics [C6 -C10]

Analyte

LCS LCS

Surrogate %Recovery Qualifier Limits 15 - 244 4-Bromofluorobenzene (Surr) 202

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 MB MB

mg/Kg

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac ND 0.025 05/02/24 09:56 05/02/24 14:07 Benzene mg/Kg Ethylbenzene ND 0.050 mg/Kg 05/02/24 09:56 05/02/24 14:07 Toluene NΠ 0.050 05/02/24 09:56 05/02/24 14:07 mg/Kg Xylenes, Total ND 0.10 mg/Kg 05/02/24 09:56 05/02/24 14:07

MB MB

Surrogate %Recovery Qualifier Limits Dil Fac Prepared Analyzed 4-Bromofluorobenzene (Surr) 39 - 146 05/02/24 09:56 05/02/24 14:07 96

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate %Recovery Qualifier Limits 97 39 - 146 4-Bromofluorobenzene (Surr)

Eurofins Albuquerque

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Client: Vertex Job ID: 885-3734-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: MB 885-4263/1-A

Matrix: Solid

Analysis Batch: 4310

CI	ient	Samp	le	ID:	Met	hod	В	an	k
			Pr	en	Type	· To	nta	I/N	Δ

Prep Batch: 4263

MB MB Analyte Result 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 Motor Oil Range Organics [C28-C40] ND 50 mg/Kg 05/02/24 12:13 05/02/24 17:33

MB MB

Qualifier Limits Prepared Dil Fac Surrogate %Recovery Analyzed Di-n-octyl phthalate (Surr) 104 62 - 134 05/02/24 12:13 05/02/24 17:33

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

Spike LCS LCS Analyte Added Result Qualifier Unit D %Rec Limits Diesel Range Organics 50.0 44.3 mg/Kg 89 60 - 135

[C10-C28]

LCS LCS

мв мв

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 106 62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-4273/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 4296

Prep Type: Total/NA

Prep Batch: 4273

Dil Fac

Analyte Result Qualifier RL Unit D Prepared Analyzed Chloride ND 1.5 mg/Kg 05/02/24 13:07 05/02/24 13:50

Lab Sample ID: LCS 885-4273/2-A

Matrix: Solid

Analysis Batch: 4296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4273

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

QC Association Summary

Client: Vertex Job ID: 885-3734-1

Project/Site: Lynx Federal 1

GC VOA

Prep Batch: 4245

Lab Sample ID 885-3734-1	Client Sample ID Backfill -01	Prep Type Total/NA	Matrix Solid	Method 5035	Prep Batch
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 885-3734-1	Client Sample ID Backfill -01	Prep Type Total/NA	Matrix Solid	Method 300_Prep	Prep Batch
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	

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

Released to Imaging: 8/9/2024 9:14:08 AM

Job ID: 885-3734-1

Project/Site: Lynx Federal 1

Client: Vertex

Client Sample ID: Backfill -01

Lab Sample ID: 885-3734-1

Matrix: Solid

Date Collected: 04/30/24 10:40 Date Received: 05/02/24 07:55

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Job ID: 885-3734-1

Project/Site: Lynx Federal 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 Orga	anics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organi	cs [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Orga	anics [C28-C40]
8021B	5035	Solid	Benzene	
8021B	5035	Solid	Ethylbenzene	
8021B	5035	Solid	Toluene	
8021B	5035	Solid	Xylenes, Total	
gon	NELA	P	NM100001	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

Client: Vertex (Devon)	Turn-Around Time: Standard Rush 24 hr Project Name: LYNX Feeleral 1 Project #: 23E-0 2964	HALL ENVIRONMEN ANALYSIS LABORA www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 885-3734 COC Tel. 505-345-3975 Fax 505-345-4107
	Project Manager: Kent Stallings	TMB's (8021) / DRO / MRO) 8082 PCB's 1.1) 8270SIMS NO ₂ , PO ₄ , SO ₄ (esent/Absent)
Accreditation:	Sampler: SM On Ice: Yes INo # of Coolers: Your Cooler Temp(including cF): 0.3-0=0.3 (°C)	MTBE / T 15D(GRO / esticides/80 ethod 504. y 8310 or 8 y 8310 or 8 ir, NO ₃ , N OA) emi-VOA)
_	Container Preservative HEAL No. Type and # Type Yorjar T(C RTEX/ C TPH:80 ROB1 Pe RCRA & RCRA & R260 (V R270 (S R
Date: Time: Relinquished by:	Received by: Via: Date Time	Remarks: Direction to Dewn w/6#:1006073801
5/1/24 1900	Received by: Via: Date Time	CC. SMCCOHOUSTEX.Ca KStallings(avestex.Ca possibility. Any sub-contracted data will be clearly notated on the analytical report.

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.</td <td>True</td> <td></td>	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	

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Environment Testing

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

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

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

Laboratory Job ID: 885-4368-1

Project/Site: Lynx Federal 1

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Definitions/Glossary

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Qualifiers

GC VOA Qualifier

Qualifier Description Surrogate recovery exceeds control limits, high biased.

HPLC/IC

Qualifier Qualifier Description

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.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid Colony Forming Unit CFU CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dilution Factor Dil Fac

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)

FDI 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 Minimum Level (Dioxin) MI Most Probable Number MPN Method Quantitation Limit MQL

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present PQL

Practical Quantitation Limit

PRES Presumptive **Quality Control** OC

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TFF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Vertex Job ID: 885-4368-1

Project: Lynx Federal 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.

Eurofins Albuquerque

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Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Date Received: 05/11/24 09:39

Client Sample ID: WS24-01 0-4'

Date Collected: 05/09/24 10:00

Lab Sample ID: 885-4368-1

Matrix: Solid

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
_								

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

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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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	

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 801	5D - Diesel Range Organics	s (DRO) (GC)
Analyte	Result	Qualifier
D: 1D 0 : 10	10.0001	

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 Chrom	natography
Analyte	Posult Ous

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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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

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

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 C	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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)			35 - 166			05/13/24 16:12	05/14/24 22:42	

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

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 C	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-05 0-4'

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

Result Qualifier

Date Collected: 05/09/24 10:08 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-5

Matrix: Solid

Prepared	Analyzed	Dil Fac
05/10/04 10 10	05/44/04 00 50	

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
_						

RL

Unit

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	MD		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

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 C	hromatography	y						
Analyte	Result Q	(ualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80		60	mg/Kg		05/14/24 16:00	05/14/24 23:04	20

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-06 0-4'

Date Collected: 05/09/24 10:10 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-6

Matrix: Solid

Method: SW846 8015D - Gasoline	e Range Organ	nics (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

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 - Volati	ile Organic Comp	ounds (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

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 C	nromatograpi	ny						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-07 0-4'

Date Collected: 05/09/24 10:12 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-7

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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

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 I	Range Organics (DRO) (GC	خ)					
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 - Amons, ion Ci	iromatograpny						
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

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-08 0-4'

Lab Sample ID: 885-4368-8

Matrix: Solid

Date Collected: 05/09/24 10:14 Date Received: 05/11/24 09:39

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 Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

4.0	00		10 115		05/40/04 40 40	05/45/04 04:50	
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.098	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
Ethylbenzene	ND		0.049	mg/Kg	05/13/24 16:12	05/15/24 01:50	1

Surrogate	/₀Recovery	Qualifier	LIIIIII	rrepareu	Allalyzeu	DII Fac
4-Bromofluorobenzene (Surr)	88		48 - 145	05/13/24 16:12	05/15/24 01:50	1
_						

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 C	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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 - Gasolin	e Range Organ	ics (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
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8021B - Volatile					_			
Benzene	ND		0.025	mg/Kg	— –	05/13/24 16:12	05/15/24 02:13	
								'
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

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

welliod. EPA 300.0 - Allions, ion C	inomatograpny						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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

Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND 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

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 C	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-11 0-4'

Lab Sample ID: 885-4368-11 Date Collected: 05/09/24 10:22

Matrix: Solid

Prepared

05/14/24 13:46

Analyzed

05/14/24 20:08

Dil Fac

Date Received: 05/11/24 09:39

Surrogate

Di-n-octyl phthalate (Surr)

Method: SW846 8015D - Gasoline	e Range Organ	ics (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 Comp	ounds (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 R	ange Organics	s (DRO) (GO	;)					
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

 Method: EPA 300.0 - Anions, Ion C	hromatography						
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

62 - 134

%Recovery

94

Qualifier

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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

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

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 C	nromatograpny						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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 - Volati	le Organic Compo	ounds (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	MD		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

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 C	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-14 0-5'

Lab Sample ID: 885-4368-14

Matrix: Solid

Date Collected: 05/09/24 10:28 Date Received: 05/11/24 09:39

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/15/24 04:34	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	91		35 - 166			05/13/24 16:12	05/15/24 04:34	
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	ND		0.024	malka		05/13/24 16:12	05/15/24 04:34	

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	DII 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
1 Promofluorobonzono (Curr)	01		10 115			05/12/24 16:12	05/15/24 04:24	

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzea	DII Fac
	4-Bromofluorobenzene (Surr)	91		48 - 145	05/13/24 16:1	2 05/15/24 04:34	1
ĺ	Mathada OWO 40 0045D Discal Da		(DDO) (OO)				

Method: SW846 8015D - Diesel R	•		•	11-:4	_	Duamanad	Amalumad	Dil Fac
Analyte	Result	Qualifier	RL	Unit	บ	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 C	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-15 0-5'

Date Collected: 05/09/24 10:30 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-15

Matrix: Solid

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

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

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 C	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-16 0-5

Method: EPA 300.0 - Anions, Ion Chromatography

Result Qualifier

91

Analyte

Chloride

Lab Sample ID: 885-4368-16

Matrix: Solid

Dil Fac

20

Analyzed

05/15/24 04:22

Date Collected: 05/09/24 10:35 Date Received: 05/11/24 09:39

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 Comp	ounds (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 R	ange 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

RL

60

Unit

mg/Kg

Prepared

05/14/24 16:16

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

Chloride

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 Comp	ounds (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 R	ange 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	Chromatograp	hy						

60

mg/Kg

61

05/15/24 04:38

20

05/14/24 16:16

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

Chloride

ND.					Prepared	Analyzed	Dil Fac
110		5.0	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
89		35 - 166			05/13/24 16:12	05/15/24 06:08	1
Organic Comp	ounds (GC))					
Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
ND		0.10	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
90		48 - 145			05/13/24 16:12	05/15/24 06:08	1
ange Organics	(DRO) (GC	;)					
		RL	Unit	D	Prepared	Analyzed	Dil Fac
ND		9.4	mg/Kg		05/14/24 13:46	05/14/24 23:48	1
ND		47	mg/Kg		05/14/24 13:46	05/14/24 23:48	1
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
77		62 - 134			05/14/24 13:46	05/14/24 23:48	1
	Prganic Comp Result ND ND ND ND ND ND ND ND Recovery 90 Result ND ND ND ND Result ND	Result Qualifier ND ND ND ND WRecovery Qualifier 90 Result Qualifier 90 Ange Organics (DRO) (GO) Result Qualifier ND ND WRecovery Qualifier ND ND WRecovery Qualifier	Secore S	Section	Section Sect	Section Sect	Section Sect

mg/Kg

460

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Date Received: 05/11/24 09:39

Client Sample ID: BS24-02 4'

Lab Sample ID: 885-4368-19 Date Collected: 05/09/24 10:55

Matrix: Solid

Dil Fac

Analyzed

Method: SW846 8015D - Gasoline Range	e Organics (GRO) (GC)	
Analyte	Result Qualifier	RL

05/13/24 16:12 Gasoline Range Organics [C6 - C10] ND 4.9 mg/Kg 05/15/24 06:32 Limits Prepared

Unit

D

Prepared

Qualifier Dil Fac Surrogate %Recovery Analyzed 05/13/24 16:12 4-Bromofluorobenzene (Surr) 35 - 166 05/15/24 06:32 89

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

	ga						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND 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

%Recovery Qualifier Limits Prepared Analyzed Surrogate Dil Fac 48 - 145 05/13/24 16:12 05/15/24 06:32 4-Bromofluorobenzene (Surr) 89

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

Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed ND 9.7 Diesel Range Organics [C10-C28] mg/Kg 05/14/24 13:46 05/15/24 00:12 Motor Oil Range Organics [C28-C40] ND 48 mg/Kg 05/14/24 13:46 05/15/24 00:12

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

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

Dil Fac

20

Analyzed

05/15/24 05:23

Client Sample Results

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-03 4'

Lab Sample ID: 885-4368-20 Date Collected: 05/09/24 10:58

Result Qualifier

1400

Matrix: Solid

Date Received: 05/11/24 09:39

Analyte

Chloride

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 Comp	ounds (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 R	ange 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

RL

60

Unit

mg/Kg

Prepared

05/14/24 16:16

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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)			35 - 166			05/13/24 16:12	05/15/24 07:19	1

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

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 Cl	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-05 4' Lab Sample ID: 885-4368-22

Date Collected: 05/09/24 11:03 Date Received: 05/11/24 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte

Chloride

Result Qualifier

2200

Matrix: Solid

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 Comp	ounds (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 R	ange 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	

RL

150

Unit

mg/Kg

D

Prepared

05/14/24 16:16

Eurofins Albuquerque

Dil Fac

50

Analyzed

05/16/24 11:02

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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	

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

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 C	hromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-07 4'

Lab Sample ID: 885-4368-24

Matrix: Solid

Date Collected: 05/09/24 11:07 Date Received: 05/11/24 09:39

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

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

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 C	nromatograpny						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-08 4'

Lab Sample ID: 885-4368-25

05/15/24 14:54

05/14/24 09:10

Matrix: Solid

Date Collected: 05/09/24 11:10 Date Received: 05/11/24 09:39

Xylenes, Total

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	
-	30		33 - 700			03/14/24 03.10	00/10/24 14:04	,
Method: SW846 8021B - Volatile (-	ounds (GC)	35 - 700			00/14/24 09:10	00,10,24,14.04	,
-	Organic Comp	ounds (GC) Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8021B - Volatile (Organic Comp			Unitmg/Kg	<u>D</u>			Dil Fac
Method: SW846 8021B - Volatile (Organic Comp		RL		<u>D</u>	Prepared	Analyzed	Dil Fac 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

0.095

mg/Kg

ND

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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-09 4'

Lab Sample ID: 885-4368-26 Date Collected: 05/09/24 11:13

Matrix: Solid

Prepared

05/14/24 16:09

Analyzed

05/15/24 12:49

Dil Fac

Date Received: 05/11/24 09:39

Surrogate

Di-n-octyl phthalate (Surr)

Method: SW846 8015D - Gasoline	e Range Organ	ics (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 Comp	ounds (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 R	ange Organics	s (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

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

62 - 134

%Recovery

81

Qualifier

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-10 4'

Lab Sample ID: 885-4368-27

Date Collected: 05/09/24 11:15
Date Received: 05/11/24 09:39
Matrix: Solid

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 C	Organic Comp	ounds (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 Ra	ange Organics	s (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 Cl	nromatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-11 4'

11 4' Lab Sample ID: 885-4368-28

. Matrix: Solid

Prepared

05/14/24 16:09

Analyzed

05/15/24 13:41

Dil Fac

Date Collected: 05/09/24 11:20 Date Received: 05/11/24 09:39

Surrogate

Di-n-octyl phthalate (Surr)

Method: SW846 8015D - Gasoline	e Range Organ	ics (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 Comp	ounds (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 R	ange 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

Method: EPA 300.0 - Anions, Ion C	hromatography						
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

62 - 134

%Recovery Qualifier

72

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-12 4'

Lab Sample ID: 885-4368-29

Matrix: Solid

Date Collected: 05/09/24 11:25 Date Received: 05/11/24 09:39

Motor Oil Range Organics [C28-C40]

Di-n-octyl phthalate (Surr)

Surrogate

Method: SW846 8015D - Gasoline	e Range Organ	iics (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 Comp	ounds (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 R	ange Organics	s (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

Method: EPA 300.0 - Anions, Ion C	hromatography						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150	59	ma/Ka		05/15/24 07:57	05/15/24 10:37	20

62 - 134

mg/Kg

05/14/24 16:09

Prepared

05/14/24 16:09

05/15/24 13:51

Analyzed

05/15/24 13:51

Dil Fac

ND

%Recovery Qualifier

79

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-13 4'

Lab Sample ID: 885-4368-30

Matrix: Solid

Date Collected: 05/09/24 11:27 Date Received: 05/11/24 09:39

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 Comp	ounds (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 R	ange Organics	s (DRO) (GO	()					
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	Chromatograp	ohy						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	93		35 - 166			05/14/24 09:10	05/15/24 17:48	

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

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

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-32

Prepared

05/15/24 07:57

Client Sample ID: BS24-15 4' Date Collected: 05/09/24 11:31

Matrix: Solid

Dil Fac

20

Analyzed

05/15/24 13:42

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 Comp	ounds (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 R	ange 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

RL

60

Unit

mg/Kg

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte

Chloride

Result Qualifier

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-16 4'

Lab Sample ID: 885-4368-33

Matrix: Solid

Date Collected: 05/09/24 11:33 Date Received: 05/11/24 09:39

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	

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

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 C	nromatograpn	ıy						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-17 4'

Lab Sample ID: 885-4368-34

Matrix: Solid

Date Collected: 05/09/24 11:35 Date Received: 05/11/24 09:39

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

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

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 C	nromatograpny						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-18 4'

Lab Sample ID: 885-4368-35

Matrix: Solid

Dil Fac

20

Analyzed

05/15/24 14:19

Date Collected: 05/09/24 11:37 Date Received: 05/11/24 09:39

Analyte

Chloride

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 Comp	ounds (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 R	ange 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

RL

60

Unit

mg/Kg

Prepared

05/15/24 07:57

Result Qualifier

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-19 4'

Lab Sample ID: 885-4368-36

Matrix: Solid

Date Collected: 05/09/24 11:39 Date Received: 05/11/24 09:39

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	

Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND 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

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 C	nromatograpny						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-20 4' Lab Sample ID: 885-4368-37

Date Collected: 05/09/24 11:40 Date Received: 05/11/24 09:39

Matrix: Solid

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	

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

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 C	nromatograpny						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-21 4'

Lab Sample ID: 885-4368-38

Matrix: Solid

Date Collected: 05/09/24 11:42 Date Received: 05/11/24 09:39

Chloride

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 Comp	ounds (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 R	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	Chromatograp	hy						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

60

mg/Kg

05/15/24 07:57

05/15/24 15:21

20

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	MD		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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Diesel Range Organics [C10-C28]	210		19	mg/Kg		05/14/24 16:09	05/15/24 14:48	
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 Fa
Di-n-octyl phthalate (Surr)	76		62 - 134			05/14/24 16:09	05/15/24 14:48	

60

mg/Kg

120

05/15/24 07:57

05/15/24 15:33

Chloride

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-23 4'

Lab Sample ID: 885-4368-40

Date Collected: 05/09/24 11:46 Matrix: Solid

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 Comp	ounds (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 R	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
•		hv						
Method: EPA 300.0 - Anions, Ion	Chromatograp	, iiy						
Method: EPA 300.0 - Anions, Ion Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-24 4'

Date Collected: 05/09/24 11:48 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-41

Matrix: Solid

Method: SW846 8015D - Gasoline	e Range Organ	ics (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

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

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

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Date Received: 05/11/24 09:39

Client Sample ID: BS24-25 5'

Date Collected: 05/09/24 11:50

Lab Sample ID: 885-4368-42

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC) Dil Fac Result Qualifier RL Unit D Prepared Analyzed 4.9 Gasoline Range Organics [C6 - C10] ND mg/Kg 05/14/24 09:10 05/15/24 22:09 Qualifier Surrogate %Recovery Limits Prepared Analyzed 4-Bromofluorobenzene (Surr) 35 - 166 90

Dil Fac 05/14/24 09:10 05/15/24 22:09

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Benzene ND 0.024 mg/Kg 05/14/24 09:10 05/15/24 22:09 ND Ethylbenzene 05/14/24 09:10 05/15/24 22:09 0.049 mg/Kg ND 05/14/24 09:10 Toluene 0.049 mg/Kg 05/15/24 22:09 ND 0.097 05/14/24 09:10 05/15/24 22:09 Xylenes, Total mg/Kg Qualifier %Recovery Limits Prepared Dil Fac Surrogate Analyzed 05/14/24 09:10 4-Bromofluorobenzene (Surr) 89 48 - 145 05/15/24 22:09

Method: SW846 8015D - Diesel Range Organics (DRO) (GC) Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed Diesel Range Organics [C10-C28] ND 9.6 mg/Kg 05/14/24 16:09 05/15/24 17:09 Motor Oil Range Organics [C28-C40] ND 48 mg/Kg 05/14/24 16:09 05/15/24 17:09 %Recovery Surrogate Qualifier Limits Prepared Analyzed Dil Fac 05/14/24 16:09 05/15/24 17:09 Di-n-octyl phthalate (Surr) 64 62 - 134

Method: EPA 300.0 - Anions, Ion Chromatography Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed Chloride 60 mg/Kg 05/15/24 14:26 05/15/24 20:54 20 96

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Date Received: 05/11/24 09:39

Client Sample ID: BS24-26 5'

Released to Imaging: 8/9/2024 9:14:08 AM

Date Collected: 05/09/24 11:52

Lab Sample ID: 885-4368-43

Matrix: Solid

Method: SW846 8015D - Gasoline	e Range Organ	ics (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 - Volati Analyte	Result Q		RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg	— <u> </u>	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 Q	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			48 - 145			05/14/24 14:16	05/16/24 11:27	

Method: SW846 8015D - Diesel R	ange Organics	(DRO) (GO	C)					
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 C	nromatograpny						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-27 5'

Lab Sample ID: 885-4368-44

Matrix: Solid

Date Collected: 05/09/24 11:55 Date Received: 05/11/24 09:39

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	

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	
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	

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 C	hromatography						
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

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-28 5'

Lab Sample ID: 885-4368-45

Matrix: Solid

Date Collected: 05/09/24 11:58 Date Received: 05/11/24 09:39

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

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

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

metriod. El A 000.0 - Amoria, ion o	moniatography						
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: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-29 5'

Method: EPA 300.0 - Anions, Ion Chromatography

Result Qualifier

93

Analyte

Chloride

Lab Sample ID: 885-4368-46

Matrix: Solid

Date Collected: 05/09/24 12:00 Date Received: 05/11/24 09:39

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 Comp	ounds (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 R	ange 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	

RL

60

Unit

mg/Kg

Prepared

05/15/24 14:26

Analyzed

05/15/24 22:33

Dil Fac

20

_

5

7

8

10

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: MB 885-4861/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 5069

Prep Type: Total/NA Prep Batch: 4861

Analyte Result Qualifier RLUnit 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

MB MB

мв мв

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 85 35 - 166 05/13/24 14:02 05/14/24 18:05

Lab Sample ID: LCS 885-4861/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 5069

Prep Type: Total/NA Prep Batch: 4861

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits

Gasoline Range Organics [C6 -25.0 22.4 90 mg/Kg 70 - 130

C10]

LCS LCS

%Recovery Qualifier Limits Surrogate 190 S1+ 35 - 166 4-Bromofluorobenzene (Surr)

Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Lab Sample ID: MB 885-4889/1-A

Analysis Batch: 4969

MB MB Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed

5.0 05/13/24 16:12 05/14/24 21:54 Gasoline Range Organics [C6 - C10] ND mg/Kg

MR MR

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 88 35 - 166 05/13/24 16:12 05/14/24 21:54 4-Bromofluorobenzene (Surr)

Lab Sample ID: LCS 885-4889/2-A Client Sample ID: Lab Control Sample

LCS LCS

Matrix: Solid

Analysis Batch: 4969

Prep Type: Total/NA

Spike Analyte Added Result Qualifier Unit %Rec Limits

Gasoline Range Organics [C6 -25.0 27.9 mg/Kg 112 70 - 130

C10]

LCS LCS

Qualifier Limits Surrogate %Recovery 4-Bromofluorobenzene (Surr) 205 S1+ 35 - 166

Lab Sample ID: 885-4368-4 MS Client Sample ID: WS24-04 0-4'

Matrix: Solid

Analysis Batch: 4969

Prep Type: Total/NA Prep Batch: 4889

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier %Rec Limits Analyte Unit ND 24.5 24.2 99 70 - 130Gasoline Range Organics [C6 mg/Kg

C10]

MS MS

Surrogate %Recovery Qualifier Limits

35 - 166 4-Bromofluorobenzene (Surr) 196 S1+

Eurofins Albuquerque

Prep Batch: 4889

Prep Batch: 4889

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: 885-4368-4 MSD Client Sample ID: WS24-04 0-4'

Matrix: Solid

Matrix: Solid

Analysis Batch: 5072

Analysis Batch: 4969

Prep Type: Total/NA

Prep Batch: 4889

RPD

Sample Sample Spike MSD MSD Result Qualifier RPD Analyte Added Result Qualifier Unit %Rec Limits Limit Gasoline Range Organics [C6 -ND 24.2 23.1 mg/Kg 95 70 - 130 5 20

C10]

MSD MSD

%Recovery Qualifier Limits Surrogate 35 - 166 S1+ 4-Bromofluorobenzene (Surr) 193

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4918

MB MB

Result Qualifier RL Unit D Analyzed Dil Fac Analyte Prepared Gasoline Range Organics [C6 - C10] ND 5.0 mg/Kg 05/14/24 09:10 05/15/24 13:06

MB MB

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 35 - 166 05/14/24 09:10 05/15/24 13:06 4-Bromofluorobenzene (Surr) 92

Lab Sample ID: LCS 885-4918/2-A

Lab Sample ID: MB 885-4918/1-A

Matrix: Solid

Analysis Batch: 5072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4918

Spike LCS LCS Added Result Qualifier Analyte Unit D %Rec Limits 25.0 91 Gasoline Range Organics [C6 -22.7 mg/Kg 70 - 130

C10]

LCS LCS

%Recovery Qualifier Limits Surrogate 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

Sample Sample MS Spike MS %Rec Result Qualifier Added Analyte Result Qualifier %Rec Limits Unit Gasoline Range Organics [C6 -ND 24.7 24.7 mg/Kg 100 70 - 130

C10]

MS MS

Surrogate %Recovery Qualifier Limits 35 - 166 4-Bromofluorobenzene (Surr) 209 S1+

Lab Sample ID: 885-4368-24 MSD Client Sample ID: BS24-07 4'

Matrix: Solid

Analysis Batch: 5072

Prep Type: Total/NA

Prep Batch: 4918

RPD %Rec

MSD MSD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit Limits RPD Limit Gasoline Range Organics [C6 -ND 24.9 25.7 mg/Kg 103 70 - 130

MSD MSD %Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 214 S1+ 35 - 166

QC Sample Results

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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 Result Qualifier RLUnit 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

MB MB

мв мв

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 87 35 - 166 05/14/24 14:16 05/16/24 11:04

Lab Sample ID: LCS 885-4964/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA Analysis Batch: 5136 Prep Batch: 4964

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 25.0 24.0 96 Gasoline Range Organics [C6 mg/Kg 70 - 130

C10]

LCS LCS

%Recovery Qualifier Limits Surrogate 189 S1+ 35 - 166 4-Bromofluorobenzene (Surr)

Lab Sample ID: 885-4368-43 MS Client Sample ID: BS24-26 5'

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 5136** Prep Batch: 4964 Sample Sample Spike MS MS

Result Qualifier Added Result Qualifier Analyte Unit D %Rec Limits 24.5 Gasoline Range Organics [C6 -ND 23.7 mg/Kg 97 70 - 130

C10]

MS MS

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 197 S1+ 35 - 166

Lab Sample ID: 885-4368-43 MSD **Matrix: Solid**

Analysis Batch: 5136

Sample Sample MSD MSD Spike %Rec Result Qualifier Added Qualifier RPD Analyte Result %Rec Limits Unit Gasoline Range Organics [C6 -ND 24.7 23.2 mg/Kg 94 70 - 130

C10]

MSD MSD

%Recovery Qualifier Surrogate Limits 190 S1+ 35 - 166 4-Bromofluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Released to Imaging: 8/9/2024 9:14:08 AM

Analysis Batch: 5071

Lab Sample ID: MB 885-4861/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

MB MB

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

Eurofins Albuquerque

Prep Batch: 4861

Client Sample ID: BS24-26 5'

Prep Type: Total/NA Prep Batch: 4964

RPD

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

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

Matrix: Solid

Lab Sample ID: MB 885-4861/1-A

Analysis Batch: 5071

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 4861

 Analyte
 Result
 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

MB MB

MB MB

 Surrogate
 %Recovery
 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 Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 5071

Prep Type: Total/NA
Prep Batch: 4861

LCS LCS %Rec Spike Added Result Qualifier Analyte Unit %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 0.930 Toluene 1.00 mg/Kg 93 70 - 130

LCS LCS

мв мв

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 89
 48 - 145

Lab Sample ID: MB 885-4889/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 4970

Prep Type: Total/NA

Prep Batch: 4889

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

MB MB

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Fac

 4-Bromofluorobenzene (Surr)
 89
 48 - 145
 05/13/24 16:12
 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

	Spike	LCS	LCS				%Rec	
Analyte A	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate%RecoveryQualifierLimits4-Bromofluorobenzene (Surr)8948 - 145

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: 885-4368-5 MS

Analysis Batch: 4970

Matrix: Solid

Client Sample ID: WS24-05 0-4'

Prep Type: Total/NA

Prep Batch: 4889

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
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

%Recovery Qualifier Limits Surrogate 48 - 145 4-Bromofluorobenzene (Surr) 91

Lab Sample ID: 885-4368-5 MSD Client Sample ID: WS24-05 0-4'

Matrix: Solid

Analysis Batch: 4970

Prep Type: Total/NA Prep Batch: 4889

MSD MSD RPD Sample Sample Spike %Rec Result Qualifier Added RPD Limit Analyte Result Qualifier Unit %Rec Limits Benzene ND 0.982 0.904 92 70 - 130 20 mg/Kg 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 20 0.982 0.871 Toluene ND mg/Kg 70 - 130 20

MSD MSD

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 93 48 - 145

Lab Sample ID: MB 885-4918/1-A

Matrix: Solid

Analysis Batch: 5074

Analysis Batch: 5074

Released to Imaging: 8/9/2024 9:14:08 AM

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4918

мв мв Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac ND 0.025 05/14/24 09:10 05/15/24 13:06 Benzene mg/Kg ND 0.050 Ethylbenzene 05/14/24 09:10 05/15/24 13:06 mg/Kg Toluene ND 0.050 mg/Kg 05/14/24 09:10 05/15/24 13:06 Xylenes, Total ND 0.10 mg/Kg 05/14/24 09:10 05/15/24 13:06

MB MB

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

Prepared Analyzed Dil Fac 05/14/24 09:10 05/15/24 13:06

Lab Sample ID: LCS 885-4918/3-A Client Sample ID: Lab Control Sample **Matrix: Solid**

Prep Type: Total/NA Prep Batch: 4918

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
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	

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

LCS LCS

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

Client Sample ID: BS24-08 4'

70 - 130

Prep Type: Total/NA

Prep Batch: 4918

Lab Sample ID: 885-4368-25 MS **Matrix: Solid**

Analysis Batch: 5074

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
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	

MS MS

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 48 - 145 87

Lab Sample ID: 885-4368-25 MSD Client Sample ID: BS24-08 4' Prep Type: Total/NA

Matrix: Solid

Toluene

Analysis Batch: 5074									Pre	p Batch	4918
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	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

0.938

0.966

MSD MSD

MB MB

ND

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

Lab Sample ID: MB 885-4964/1-A Client Sample ID: Method Blank

Analysis Batch: 5137

Matrix: Solid

Analyto

						Prep Type: 7 Prep Bate	
MB	MB						
Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
ND		0.005			05/14/04 14:16	05/16/04 11:04	

mg/Kg

Analyte	ixesuit	Qualifier	IV.L	Oilit		riepaieu	Allalyzeu	Dillac
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	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89	48 - 145	05/14/24 14:16	05/16/24 11:04	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
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) 48 - 145 90

Lab Sample ID: 885-4368-44 MS Client Sample ID: BS24-27 5'

Matrix: Solid

Analysis Batch: 5137

Prep Type: Total/NA

Prep Batch: 4964

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
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

%Recovery Qualifier Limits Surrogate 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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

%Recovery Qualifier Limits Surrogate 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

	MR MR						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND 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

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: MB 885-4955/1-A

Matrix: Solid

Client: Vertex

Analysis Batch: 4985

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4955

MB MB

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

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

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **Diesel Range Organics** ND 45.7 44.4 mg/Kg 97 44 - 136

[C10-C28]

MS MS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 104 62 - 134

Client Sample ID: WS24-02 0-4'

Prep Type: Total/NA

Prep Batch: 4955

Sample Sample Spike MSD MSD %Rec RPD Qualifier Analyte Result Added Result Qualifier Unit %Rec Limits RPD Limit **Diesel Range Organics** ND 47.7 48.2 mg/Kg 101 44 - 136 32

[C10-C28]

Matrix: Solid

Analysis Batch: 4985

MSD MSD

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 103 62 - 134

Lab Sample ID: MB 885-4961/1-A

Lab Sample ID: 885-4368-2 MSD

Matrix: Solid

Analysis Batch: 5004

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4961

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
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

MR MR

мв мв

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac Di-n-octyl phthalate (Surr) 93 62 - 134 05/14/24 13:46 05/14/24 15:42

Lab Sample ID: LCS 885-4961/2-A

Analysis Batch: 5004

Matrix: Solid

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

Prep Batch: 4961

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 50.0 47 7 95 60 - 135 Diesel Range Organics mg/Kg

[C10-C28]

LCS LCS

Surrogate %Recovery Qualifier Limits 108 Di-n-octyl phthalate (Surr) 62 - 134

QC Sample Results

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: 885-4368-22 MS Client Sample ID: BS24-05 4'

Matrix: Solid Analysis Batch: 5004 Prep Type: Total/NA Prep Batch: 4961

Sample Sample Spike MS MS Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Diesel Range Organics ND 46.7 47.1 mg/Kg 101 44 - 136

44 5

[C10-C28]

MS MS

%Recovery Qualifier Limits Surrogate

62 - 134 Di-n-octyl phthalate (Surr) 107

Lab Sample ID: 885-4368-22 MSD

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

45.6

Matrix: Solid

Analysis Batch: 5004

Prep Batch: 4961 Sample Sample Spike MSD MSD RPD %Rec Result Qualifier babbA Result Qualifier %Rec Limits RPD Limit Unit D

mg/Kg

Diesel Range Organics [C10-C28]

Analyte

MSD MSD

ND

Surrogate %Recovery 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

102

44 - 136

Prep Type: Total/NA

Prep Batch: 4981

3

мв мв

Analyte Result 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 Motor Oil Range Organics [C28-C40] 50 05/15/24 11:25 ND 05/14/24 16:09 mg/Kg

> MB MB

%Recovery Qualifier Limits Prepared Analyzed Dil Fac Di-n-octyl phthalate (Surr) 121 62 - 134 05/14/24 16:09 05/15/24 11:25

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

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit Limits %Rec **Diesel Range Organics** 50.0 47.5 60 - 135 mg/Kg

[C10-C28]

LCS LCS

%Recovery Surrogate 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

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

[C10-C28]

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Client Sample ID: BS24-25 5'

Client Sample ID: BS24-25 5

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 4981

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client: Vertex

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

Lab Sample ID: 885-4368-42 MS

Matrix: Solid

Analysis Batch: 5077

MS MS

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

Lab Sample ID: 885-4368-42 MSD

Matrix: Solid

Analysis Batch: 5077

Prep Batch: 4981 MSD MSD Sample Sample Spike %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit **Diesel Range Organics** ND 48.2 26.6 mg/Kg 55 44 - 136 32

[C10-C28]

MSD MSD

Surrogate %Recovery 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 Result 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 ND 50 Motor Oil Range Organics [C28-C40] 05/15/24 11:48 05/15/24 13:49 mg/Kg

MB MB

MB MB

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

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

LCS LCS Spike %Rec Added Unit %Rec Analyte Result Qualifier Limits 50.0 48.0 60 - 135 Diesel Range Organics mg/Kg

[C10-C28]

LCS LCS

Limits Surrogate %Recovery Qualifier 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

MB MB

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

MB MB

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

Eurofins Albuquerque

Dil Fac

5/28/2024

QC Sample Results

Spike

Added

50.0

Client: Vertex Job ID: 885-4368-1

LCS LCS

Qualifier

Unit

mg/Kg

Result

48.2

Project/Site: Lynx Federal 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

%Rec Limits

96

60 - 135

Diesel Range Organics [C10-C28]

Analyte

LCS LCS

%Recovery Qualifier Limits Surrogate 62 - 134 Di-n-octyl phthalate (Surr) 100

Client Sample ID: BS24-10 4'

Matrix: Solid

Lab Sample ID: 885-4368-27 MS

Analysis Batch: 5135

Prep Type: Total/NA Prep Batch: 5106

Sample Sample Spike MS MS %Rec %Rec Analyte Result Qualifier babbA Result Qualifier Limits Unit D Diesel Range Organics ND 49.5 46.3 mg/Kg 94 44 - 136 [C10-C28]

MS MS

Qualifier Surrogate %Recovery Limits Di-n-octyl phthalate (Surr) 100 62 - 134

Lab Sample ID: 885-4368-27 MSD Client Sample ID: BS24-10 4'

Matrix: Solid

Analysis Batch: 5135

Prep Type: Total/NA

Prep Batch: 5106

MSD MSD Sample Sample Spike %Rec RPD Limit Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Diesel Range Organics ND 49.0 46.6 95 44 - 136 32 mg/Kg

[C10-C28]

MSD MSD Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 105 62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-4979/1-A Client Sample ID: Method Blank **Matrix: Solid**

Analysis Batch: 5015

Prep Type: Total/NA Prep Batch: 4979 мв мв

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

Lab Sample ID: LCS 885-4979/2-A Client Sample ID: Lab Control Sample

Matrix: Solid Analysis Batch: 5015

LCS LCS Spike %Rec

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

Eurofins Albuquerque

Prep Type: Total/NA

Prep Batch: 4979

Released to Imaging: 8/9/2024 9:14:08 AM

Client: Vertex

MB MB

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: Method Blank Lab Sample ID: MB 885-4982/1-A **Matrix: Solid**

Analysis Batch: 5015

Prep Type: Total/NA

Prep Batch: 4982

Prep Type: Total/NA

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

Lab Sample ID: LCS 885-4982/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 5015

Prep Batch: 4982 Spike LCS LCS Added Result Qualifier Unit D %Rec Limits

Chloride 15.0 13.9 mg/Kg 93 90 - 110

Lab Sample ID: 885-4368-9 MS Client Sample ID: WS24-09 0-4' Prep Type: Total/NA

Matrix: Solid

Analyte

Analysis Batch: 5015

Prep Batch: 4982 Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 87 29.8 108 mg/Kg 50 - 150

Lab Sample ID: 885-4368-9 MSD Client Sample ID: WS24-09 0-4' Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 5015

Prep Batch: 4982 Sample Sample MSD MSD RPD Spike %Rec Added %Rec Limit Analyte Result Qualifier Result Qualifie Unit Limits Chloride 87 29.9 104 50 - 150 20 mg/Kg

Lab Sample ID: 885-4368-10 MS

Matrix: Solid

Analyte

Chloride

Analysis Batch: 5015

Prep Batch: 4982 Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Unit %Rec Limits

Matrix: Solid

Analysis Batch: 5015

94 30.1 124 mg/Kg 101 50 - 150 Lab Sample ID: 885-4368-10 MSD Client Sample ID: WS24-10 0-4'

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

Lab Sample ID: MB 885-4995/1-A

Matrix: Solid

Analysis Batch: 5082

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

мв мв

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

Lab Sample ID: LCS 885-4995/2-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 5082 Prep Batch: 4995 LCS LCS %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits Chloride 15.0 13.7 mg/Kg 91 90 - 110

Eurofins Albuquerque

Prep Type: Total/NA Prep Batch: 4982

RPD Limit

Client Sample ID: WS24-10 0-4'

Prep Type: Total/NA

Prep Batch: 4995

Client: Vertex

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-4995/3-A Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 5082 Prep Batch: 4995 Spike MRL MRL

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

Lab Sample ID: 885-4368-29 MS Client Sample ID: BS24-12 4' Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 5082

Prep Batch: 4995 Sample Sample Spike MS MS Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits Chloride 150 30.0 184 4 mg/Kg 99 50 - 150

Lab Sample ID: 885-4368-29 MSD Client Sample ID: BS24-12 4'

Matrix: Solid

Analysis Batch: 5082

Prep Batch: 4995 MSD MSD RPD Spike %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 30.2 190 150 mg/Kg 118 50 - 150

Lab Sample ID: MB 885-5043/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 5082

мв мв

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

Lab Sample ID: LCS 885-5043/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 5082

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

Lab Sample ID: 885-4368-43 MS Client Sample ID: BS24-26 5'

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 5082** Prep Batch: 5043

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

Lab Sample ID: 885-4368-43 MSD

Matrix: Solid

Analysis Batch: 5082 MSD MSD Sample Sample Spike %Rec RPD Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Chloride 100 29 9 126 mg/Kg 73 50 - 150

Lab Sample ID: MB 885-5167/4 Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 5167

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

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Prep Batch: 5043

Prep Type: Total/NA

Prep Type: Total/NA Prep Batch: 5043

Prep Batch: 5043

Prep Type: Total/NA

QC Sample Results

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-5167/3 **Client Sample ID: Lab Control Sample Prep Type: Total/NA**

Matrix: Solid

Analysis Batch: 5167

	Spi	ke MRL	MRL			%Rec
Analyte	Add	ed Result	Qualifier U	nit D	%Rec	Limits
Chloride	0.5	0.520	m	g/L	104	50 - 150

QC Association Summary

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

885-4368-4	WS24-04 0-4'	Total/NA	Solid	5030C	
	14/004 05 0 41		Colla	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 Job ID: 885-4368-1

Project/Site: Lynx Federal 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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Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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 885-4368-1	Client Sample ID WS24-01 0-4'	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 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

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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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Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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
385-4368-36	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

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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 Batc
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	
385-4368-20	BS24-03 4'	Total/NA	Solid	SHAKE	
885-4368-21	BS24-04 4'	Total/NA	Solid	SHAKE	

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Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

GC Semi VOA (Continued)

Prep Batch: 4961 (Continued)

Lab Sample ID 885-4368-22	Client Sample ID BS24-05 4'	Prep Type Total/NA	Matrix Solid	Method SHAKE	Prep Batch
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

Released to Imaging: 8/9/2024 9:14:08 AM

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

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Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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	

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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 Batc
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

Released to Imaging: 8/9/2024 9:14:08 AM

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

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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

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Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 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	

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Client Sample ID: WS24-01 0-4'

Date Collected: 05/09/24 10:00 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 10:02

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-2

Matrix: Solid

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

Date Collected: 05/09/24 10:04

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-3

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 10:06

Date Received: 05/11/24 09:39

Lab Sample ID: 885-436

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Project/Site: Lynx Federal 1

Client Sample ID: WS24-04 0-4'

Date Collected: 05/09/24 10:06 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-4

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 10:08 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-5

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 10:10

Date Received: 05/11/24 09:39

Lab Sample	ID: 885-4368-6
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Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 10:12

Date Received: 05/11/24 09:39

l ah	Sample	~ ID+	885-4368	27
Lav	Sallible	JID.	003-4300	3- <i>1</i>

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client: Vertex

Client Sample ID: WS24-07 0-4'

Date Collected: 05/09/24 10:12 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-7

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Date Received: 05/11/24 09:39

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client: Vertex

Client Sample ID: WS24-10 0-4'

Date Collected: 05/09/24 10:20 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-10

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Lab Gample ID. 003-4300-11

Matrix: Solid

Date Collected: 05/09/24 10:22 Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C		- <u></u>	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

Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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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Matrix: Solid

Matrix: Solid

Lab Sample ID: 885-4368-14

Date Collected: 05/09/24 10:28 Date Received: 05/11/24 09:39

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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 Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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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Matrix: Solid

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client: Vertex

Client Sample ID: WS24-17 0-5'

Date Collected: 05/09/24 10:40 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-17

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-4368-18

Date Collected: 05/09/24 10:50

Client Sample ID: BS24-01 4'

Date Received: 05/11/24 09:39

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 10:55

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-19

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 10:58

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-20

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Client Sample ID: BS24-03 4'

Date Collected: 05/09/24 10:58 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-20

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:00

BS24-04 4' Lab Sample ID: 885-4368-21
/24 11:00 Matrix: Solid

Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:03

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-22

Matrix: Solid

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:05

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-23

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

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Lab Sample ID: 885-4368-23

Matrix: Solid

Client Sample ID: BS24-06 4' Date Collected: 05/09/24 11:05

Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Matrix: Solid

Date Collected: 05/09/24 11:07 Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Client Sample ID: BS24-10 4'

Date Collected: 05/09/24 11:15 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-27

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:20

Lab Sample ID: 885-4368-28

Matrix: Solid

Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:25

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-29

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:27

Date Received: 05/11/24 09:39

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Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Eurofins Albuquerque

2

3

4

7

9

10

1'

5082 RC

EET ALB

Client: Vertex

Total/NA

Client Sample ID: BS24-13 4'

Date Collected: 05/09/24 11:27 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-30

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Client Sample ID: BS24-14 4'

Analysis

300.0

Date Collected: 05/09/24 11:29 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-31

05/15/24 13:17

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:31

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-32

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:33

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-33

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-33

Matrix: Solid

Client Sample ID: BS24-16 4' Date Collected: 05/09/24 11:33

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Date Received: 05/11/24 09:39

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-4368-36 Client Sample ID: BS24-19 4' Date Collected: 05/09/24 11:39 **Matrix: Solid**

Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client: Vertex

Client Sample ID: BS24-19 4'

Date Collected: 05/09/24 11:39 Date Received: 05/11/24 09:39 Lab Sample ID: 885-4368-36

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-4368-37

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Matrix: Solid

Client Sample ID: BS24-20 4'

Date Collected: 05/09/24 11:40 Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:42

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-38

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:45

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-39
Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Client Sample ID: BS24-23 4'

Date Collected: 05/09/24 11:46 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-40

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:48 Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-41

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:50

Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-42

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:52

Date Received: 05/11/24 09:39

Lab Sam	ple ID:	885-4368-43	
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Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client: Vertex

Client Sample ID: BS24-26 5'

Date Collected: 05/09/24 11:52
Date Received: 05/11/24 09:39

Lab Sample ID: 885-4368-43

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-4368-44

Matrix: Solid

Client Sample ID: BS24-27 5' Date Collected: 05/09/24 11:55

Date Received: 05/11/24 09:39

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 11:58

Date Received: 05/11/24 09:39

Lab	Sample	ID: 885-4368-45	
	-		

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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'

Date Collected: 05/09/24 12:00

Date Received: 05/11/24 09:39

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Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Lab Chronicle

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Client Sample ID: BS24-29 5'

Lab Sample ID: 885-4368-46

Matrix: Solid

Date Collected: 05/09/24 12:00 Date Received: 05/11/24 09:39

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Eurofins Albuquerque

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Released to Imaging: 8/9/2024 9:14:08 AM

Accreditation/Certification Summary

Client: Vertex Job ID: 885-4368-1

Project/Site: Lynx Federal 1

Laboratory: Eurofins Albuquerque

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

Authority	Progr	ram	Identification Number	Expiration Date
ew Mexico	State		NM9425, NM0901	02-26-25
The following analytes a	are included in this report, b	ut the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency do	oes 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 [C	10-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	
regon	NELA	ιP	NM100001	02-26-25

	sceived by OCD: 8/5/2024 3:40:13 PM
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Chain-of-Custody Record	Turn-Around Time:	
Client: Dertex (Devun)	□ Standard Rush 48 hr	HALL ENVIRONMENTAL ANALYSIS LABOR
	Project Name:	www.hallenvironmental.com
Mailing Address: On File	Lynx Federal 1 Project #:	4901 Hawkins NE - Albuquerque, NM 8710
		Tel. 505-345-3975 Fax 505-345-4107 885-4368 Coc
Phone #:	23E-02964	Analysis Request
email or Fax#:	Project Manager:	S SO ₄
QA/QC Package:	Kent Stallings	1's (802 (O / MR PCB's DSIMS DSIMS
☐ Standard ☐ Level 4 (Full Validation)	<u> </u>	TMB's (8021) / DRO / MRO 8082 PCB's 1.1) 8270SIMS NO ₂ , PO ₄ , SO NO ₂ , PO ₄ , SO
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other	Sampler: SM On Ice: ☑Yes ☐ No	1 101812121 1-1 12121 1 1 1 1 1
□ EDD (Type)	# of Coolers: (Yası'	RIEX/ MTBE / TPH:8015D(GRO) 8081 Pesticides/8 EDB (Method 504 PAHs by 8310 or RCRA 8 Metals RCRA 8 Metals RCRA 8 Wetals RCRA 8 CONOS, N 8260 (VOA) R260 (VOA) Total Coliform (Protal Coliform (Pr
	Cooler Temp(including CF): 5.6-0.Z=5.44(°C)	RIEXY MTBE / TPH:8015D(GR 8081 Pesticides EDB (Method 50 PAHs by 8310 o RCRA 8 Metals RCRA 8 Metals RCRA 8 Wetals Total Coliform (f Total Coliform (f
	Container Preservative HEAL No.	RIEX/ 8081 Pe EDB (M PAHs by RCRA 8 8260 (V/ 8270 (S
Date Time Matrix Sample Name	Type and # Type	808 808 826 3 826 826 826 826 826 826 826 826 826 826
5/9/2410:60 Soil WS 24-01 0-4-	4 orjar Ice -1	VV V
1 10:01 WSZY-02 0-4-	-2	
10:04 WS 24-03 0-4	-3	
10:06 WSZY-04 0- 4'	-4	
10:08 WSZ4-05 0-4-	-5	
1 10 10 WS 24 - 06 0- 4	-6	
10:12 WS24-07 0-4-		
10:14 WS24-08 0-4	-8	
10:16 1NS24-09 0-4-	-9	
10:20 WS 24-10 0-4-	-16	
10:22 WSZY-11 0-4°	-11	
V 10:25 V WSZY-12 0- 4	V V -R	
Date. Time. Relinquished by.		Remarks: Direct bill to Devon (w/o #: 10060 13401)
Date. Time: Relibrationed by	Received by Via: Date Time	a lestulia sa voler co
5/201	5/11/24 8:39	C.C. K&tallings@verlex.Ca. SMCCOTy@verly.co. PalofY
		SMCCOTy & WITY. CO. Plan 1 of 1 o







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email o	or Fax#:	V	/	Proje	ct Mana	ager:	· · · · · · · · · · · · · · · · · · ·		<u></u>					SO4								
QA/QC	Package:] ,		~ ! \ '		367	M _X	B's		S.					pser					
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	itation:		mpliance	1	oler: S	m]	片	082	<u> </u>	827		NO ₂ ,		_	esel					
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				000.0	<i>51</i> 1 OLL16	(including OF).		7	3015	Pes	Mei	à	8	Ŗ,	8	(Sei	핑					1 1
1 Data	T!	N 4 - Auda -	Comple Name	Conta		Preservative	HEAL No.		TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310	RCRA 8 Metals	QYF, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)					
Date			Sample Name		and #			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	15	⁄ &	ш	<u>С</u>	꼰	9	8	<u>%</u>	 		-	+	-	\vdash
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	If necessary	samples sub	mitted to Hall Environmental may be subo	ontracte	d to other a	accredited laboratorie	es This serves as notice of this	s poss	ibility	Any su	ub-conf	racte	data	will be	e clear	ly nota	ated on	the ana	lytical re	por()		'

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Chain-of-Custody Record	Turn-Around Time:	HALL ENVIRONMENTAL
Client: Vertex (Dense)	Project Name: Lynx Feelval 1 Project #: 23E-02964	ANALYSIS LABORATORY
Mailing Address: On Alle	Lynx Fooleral 1	www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109
01,714	Project #:	Tel. 505-345-3975 Fax 505-345-4107
Phone #:	23E-02964	Analysis Request
email or Fax#:	Project Manager:	SO ₄ (SO
QA/QC Package: ☐ Standard ☐ Level 4 (Full Validation)	KentStallings	SSIMS PCB's (80) PCB's
Accreditation: Accreditation:	Sampler: SM	Su15D(GRO / DR Pesticides/8082 Wethod 504.1) by 8310 or 827C N 8 Metals Br, NO ₃ , NO ₂ , (VOA) Coliform (Presen
□ NELAC □ Other □ EDD (Type)	On Ice: Yes No # of Coolers:	3RO 1450 150 1 1 1 1 1 1 1 1 1
	Cooler Temp(including cF): (°C)	MTBE Sticides ethod 5 / 8310 · No3 · OA)
Date Time Matrix Sample Name	Container Preservative HEAL No. Type and # Type	RIEX/ MTBE / 1 TPH:8015D(GRO, 8081 Pesticides/8 EDB (Method 504 PAHs by 8310 or RCRA 8 Metals CP, F, Br, NO3, N 8260 (VOA) Total Coliform (Pr.
5/9/14/11-10 Soil BS24-08 4'	402ja ICC -25	
1 11B BS LY-09 40	-26	
11:15 8524-10 41	-27	
11:20 BS 24-11 4-	-28	
11:25 BS 24-12 4°	-29	
1 11:27 BS 24-13 4'	-30	
11:29 BS 24-14 4°	-31	
11:31 BS 24-15 4°	-32	
11:33 18524-16 4	-33	
11:35 BSZY-17 4	_34	
11:37 3524-18 4	-35	
V 1\:39 V BSZY-19 Y* Date Time. Relingrished by:	Received by: Via: Date Time	Romarks: No. 1 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
76/24 8: 4 Step MiGH	Received by: Via Date Time	Direct Dill to Devin (W/OH-100013801)
Date Time. Relinguished by:	Treceived by Via Date Time	Remarks: Direct bill to Devin (w/0#:1006073801) CL. KStallings Quertec.a Syncarty Quertex a pg3 of 4









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Chain-of-Custody Record	Turn-Around Time:	HALL ENVIRONMENTAL
Client: Vertex (Devon)	□ Standard □ Rush 4 8 W	ANALYSIS LABORATORY
	Project Name:	www.hallenvironmental.com
Mailing Address: On File	LYNX Federal 1	4901 Hawkins NE - Albuquerque, NM 87109
	HONX Federal I Project #:	Tel. 505-345-3975 Fax 505-345-4107
Phone #:	23E-02964	Analysis Request
email or Fax#:	Project Manager:	RO) SO ₄ so ₄
QA/QC Package:	4 101 115	TMB's (8021) / DRO / MRO 3082 PCB's 4.1) 8270SIMS NO ₂ , PO ₄ , SO No ₂ , PO ₄ , SO
☐ Standard ☐ Level 4 (Full Validation)	KentStallings	TMB's (802 / DRO / MF 8082 PCB's 8270SIMS 8270SIMS 9270SIMS 9270SI
Accreditation: ☐ Az Compliance	Sampler: SVV	TMB 8082 8082 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
☐ NELAC ☐ Other	On Ice: Yes No # of Coolers:	3R /
	Cooler Temp(Including CF): (°C)	// MTBE / 2015D(GRC Pesticides/ Method 50 by 8310 or 8 Metals Br, NO ₃ , (VOA) (Semi-VOA Coliform (P
	Container Dress of LIFAL No.	H:801 H:801 H:801 H:801 F, B ₀ (% (% (% (% (% (% (% (% (% (% (% (% (% (
Date Time Matrix Sample Name	Container Preservative HEAL No. Type and # Type	(B工EX / 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)
5/9/24/11:40 Soil BS24-20 4'	4 via te -37	
11:42 BS24-21 4'	-38	
9 11:45 BS2422 4	-39	
11:46 BS24-23 4	-40	
11:48 3524-24 4	~41	
11:50 BSZ4-25-51	-42	
11:52 3524-26 5-	-43	
11:55 BSZY-27 5	-44	
11:58 BS24-28 5	-45	
N) 12:00 V BS24-29 5	-46	
Date Time: Relinguished by:	Received by Via: Date Time	Remarks: Direct bill to Deux (W/0#: 100 6073801)
5/10/24 8:45 Steph McCy	CASIAMMANIN 5/10/24 845	
Date. Time Reliably by.	Received by: Via:1' Date Time	C-C. KStallings@Vertex.ca Emccarty & vertex.ca pgryofy
3P10174 1900 CMMMM	contracted to other accredited laboratories. This serves as notice of this	

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.</td <td>True</td> <td></td>	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

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

Generated 6/7/2024 3:58:46 PM

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

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Client: Vertex Laboratory Job ID: 885-5414-1

Project/Site: Lynx Federal 1

Table of Contents

Cover Page	1
Table of Contents	3
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Case Narrative	5
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QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Chain of Custody	13
Receint Checklists	14

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Definitions/Glossary

Client: Vertex Job ID: 885-5414-1

Project/Site: Lynx Federal 1

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Qualifiers

GC VOA

Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

*+ 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
POL 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 Job ID: 885-5414-1

Project: Lynx Federal 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

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Client Sample Results

Client: Vertex Job ID: 885-5414-1

Project/Site: Lynx Federal 1

Client Sample ID: WS24-03 0-4'

Lab Sample ID: 885-5414-1 Date Collected: 05/30/24 11:30

%Recovery Qualifier

91

Matrix: Solid

Prepared

06/03/24 12:21

Analyzed

06/05/24 11:53

Date Received: 06/01/24 07:50

Surrogate

4-Bromofluorobenzene (Surr)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		4.9	mg/Kg		06/03/24 12:21	06/05/24 11:53	1
(GRO)-C6-C10								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8021B - Volati	97	ounds (GC)	35 - 166			06/03/24 12:21	06/05/24 11:53	1
	ile Organic Comp	ounds (GC)		Unit	D	06/03/24 12:21 Prepared	06/05/24 11:53 Analyzed	1 Dil Fac
Method: SW846 8021B - Volati	ile Organic Comp	, ,)	Unit mg/Kg	<u>D</u>			Dil Fac
Method: SW846 8021B - Volati Analyte	ile Organic Comp	, ,	RL		<u>D</u>	Prepared	Analyzed	1 Dil Fac 1
Method: SW846 8021B - Volati Analyte Benzene	ile Organic Comp Result ND	, ,	RL 0.025	mg/Kg	<u>D</u>	Prepared 06/03/24 12:21	Analyzed 06/05/24 11:53	1 Dil Fac 1 1 1 1

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	

Limits

48 - 145

motiod. El A 000.0 Amono, for officinatography									
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 Job ID: 885-5414-1

Project/Site: Lynx Federal 1

Chloride

Client Sample ID: WS24-07 0-4'

Lab Sample ID: 885-5414-2

Date Collected: 05/30/24 12:00 Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		5.0	mg/Kg		06/03/24 12:21	06/05/24 12:17	
(GRO)-C6-C10								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	96		35 - 166			06/03/24 12:21	06/05/24 12:17	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/03/24 12:21	06/05/24 12:17	
Ethylbenzene	ND		0.050	mg/Kg		06/03/24 12:21	06/05/24 12:17	,
Toluene	ND		0.050	mg/Kg		06/03/24 12:21	06/05/24 12:17	,
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 - Diese	el Range Organ	ics (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	
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

60

mg/Kg

ND

06/04/24 08:18

06/04/24 10:18

20

Prep Batch: 6016

Client: Vertex Job ID: 885-5414-1

Project/Site: Lynx Federal 1

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

Lab Sample ID: MB 885-6016/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 6156

Gasoline Range Organics

мв мв Result Qualifier RL Unit D Prepared Analyzed Dil Fac ND 5.0 mg/Kg 06/03/24 12:21 06/05/24 11:30

(GRO)-C6-C10

Analyte

MB MB %Recovery Limits Dil Fac Qualifier Prepared Analyzed Surrogate 06/03/24 12:21 35 - 166 06/05/24 11:30 4-Bromofluorobenzene (Surr) 97

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 Spike LCS LCS

Analyte babbA Result Qualifier Unit D %Rec Limits Gasoline Range Organics 25.0 24.3 mg/Kg 97 70 - 130

(GRO)-C6-C10

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 209 S1+ 35 - 166

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-6016/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 6157

мв мв Qualifier RL D Dil Fac Analyte Unit Prepared Analyzed Result 0.025 06/03/24 12:21 06/05/24 11:30 Benzene ND mg/Kg Ethylbenzene ND 0.050 06/03/24 12:21 06/05/24 11:30 mg/Kg ND Toluene 0.050 mg/Kg 06/03/24 12:21 06/05/24 11:30 Xylenes, Total ND 0.10 06/03/24 12:21 06/05/24 11:30 mg/Kg

мв мв

Qualifier Limits Dil Fac Surrogate %Recovery Prepared Analyzed 4-Bromofluorobenzene (Surr) 92 48 - 145 06/03/24 12:21 06/05/24 11:30

Lab Sample ID: LCS 885-6016/3-A

Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 6157** Prep Batch: 6016 Snika 100 100

	э ріке	LCS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate %Recovery Qualifier Limits 48 - 145 4-Bromofluorobenzene (Surr) 96

Eurofins Albuquerque

Prep Batch: 6016

Lab Sample ID: MB 885-6045/1-A

Lab Sample ID: LCS 885-6045/2-A

Client: Vertex Job ID: 885-5414-1

Project/Site: Lynx Federal 1

Analysis Batch: 6136

Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]

Matrix: Solid

Analyte

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6045

MB	MB						
Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
ND		10	mg/Kg		06/03/24 16:14	06/04/24 15:29	1
ND		50	mg/Kg		06/03/24 16:14	06/04/24 15:29	1

MB MB

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed Di-n-octyl phthalate (Surr) 104 62 - 134 06/03/24 16:14 06/04/24 15:29

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6045

Prep Batch: 6062

Prep Batch: 6062

Spike LCS LCS Analyte Added Result Qualifier Unit D %Rec Limits Diesel Range Organics 50.0 70.2 mg/Kg 140 60 - 135

[C10-C28]

Matrix: Solid

Analysis Batch: 6136

LCS LCS

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

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-6062/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 6133

мв мв

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Chloride ND 1.5 mg/Kg 06/04/24 08:18 06/04/24 09:33

Lab Sample ID: LCS 885-6062/2-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 6133

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits Chloride 15.0 14.2 95 90 - 110 mg/Kg

Eurofins Albuquerque

QC Association Summary

Client: Vertex Job ID: 885-5414-1

Project/Site: Lynx Federal 1

GC VOA

Prep	Batc	h: 6	016

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

Released to Imaging: 8/9/2024 9:14:08 AM

_					
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

Client: Vertex Job ID: 885-5414-1

Project/Site: Lynx Federal 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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Job ID: 885-5414-1

Project/Site: Lynx Federal 1

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-26-25
• •	are included in this report, but the second in the se	ut the laboratory is not certi	fied by the governing authority. This li	st may include analytes
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 [0	C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organic	s [C28-C40]
8021B	5030C	Solid	Benzene	
8021B	5030C	Solid	Ethylbenzene	
8021B	5030C	Solid	Toluene	
8021B	5030C	Solid	Xylenes, Total	
Oregon	NELA	Р	NM100001	02-26-25

Chain-of-Custody Record Client: Vertex (Devon) Mailing Address.	Turn-Around Time: Standard Rush 48 NS Project Name. Lynx Feolval Project #:	HALL ENVIRONM ANALYSIS LABOR www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 871
Phone #	235-02964	Tel 505-345-3975 Fax 505-345-4107 Analysis Request
email or Fax#:	Project Manager:	
QA/QC Package. □ Standard □ Level 4 (Full Validation)	Kent Stallings	S (80 O / M O / M O / M O / M O / M O / M O O / M O O / M O O / M O O / M O O / M O O O / M O O O / M O O O / M O O O / M O O O O
Accreditation: Az Compliance	Sampler: RP	TMB' 10 / DR(0 / 10 / 10 / 10 / 10 / 10 / 10 / 10 /
☐ NELAC ☐ Other	On Ice: ☐ Yes ☐ No # of Coolers: \ \ \\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\	3E / GRC GRC 450 0 110 on 0 10
E 200 (Type)	Cooler Temp(including cF): (2-0-1-6-1-6-1)	MTBE. 15D(GR ethod 5 / 8310 ethi-VO ollform (
Date Time Matrix Sample Name	Container Preservative HEAL No. Type and # Type	bfex / MTBE / TMB TPH:8015D(GRO / DR 8081 Pesticides/8082 EDB (Method 504.1) PAHs by 8310 or 827(RCRA 8 Metals (島 F, Br, NO ₃ , NO ₂ , 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Preser
2/30/24/11:30 Suil WS 24 - 03 04	Yuzjar Ice	
1 12:00 V WS 24-07 0-4-	2	14 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Date Time Relinquished by: \$73/12.7 \$45 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Received by Via Date Time Mulium 531 24 045	Remarks: Direct bill to Deven (4)0#371006073801 SMCCOrty Countex Ca C.C. KStallings a vertex Ca
Date: Time Refinquished by	Received by Via Date Time	& Mccorty Countex Ce
39124 900 Municip	contracted to other accredited laboratories. This serves as notice of this	s possibility. Any sub-contracted data will be clearly notated on the analytical report

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.</td <td>True</td> <td></td>	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	

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 370656

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	370656
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites		
Incident ID (n#)	nKL1626529955	
Incident Name	NKL1626529955 LYNX FEDERAL 1 @ 30-025-27861	
Incident Type	Produced Water Release	
Incident Status	Remediation Closure Report Received	
Incident Well	[30-025-27861] LYNX FEDERAL #001	

Location of Release Source		
Please answer all the questions in this group.		
Site Name LYNX FEDERAL 1		
Date Release Discovered 07/15/2016		
Surface Owner	Federal	

Incident Details		
Please answer all the questions in this group.		
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				
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.				
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.			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505

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 370656

Phone: (505) 476-3470 Fax: (505) 476-3462				
QUESTIONS (continued)				
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137			
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 370656			
Small state of the	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)			
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 summediately unless the summediately unless they could create a summ	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.			
	lation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.			
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or			
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale Woodall@dyn.com			

Date: 08/05/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 370656

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	370656
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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			

ed to the appropriate district office no later than 90 days after the release discovery date.
Yes
nation associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Yes
No
n milligrams per kilograms.)
660
126
62
0
0
pleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
04/12/2024
05/30/2024
05/25/2024
19662
728
19662
728
at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
ii

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 **District II**

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 **District III**

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 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 370656

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	370656
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	R360 ARTESIA LLC LANDFARM [fEEM0112340644]
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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

Date: 08/05/2024

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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 5

Action 370656

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	370656
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
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.
Requesting a deferral of the remediation closure due date with the approval of this submission	No

District I

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 6

Action 370656

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	370656
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
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.

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 08/05/2024

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QUESTIONS, Page 7

Action 370656

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	370656
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 370656

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	370656
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
bhall	Closure approved.	8/9/2024
bhall	A reclamation report must be submitted as soon as practicable, as this area is no reasonably needed for production or drilling activities, pursuant to the requirements of 19.15.29.13 NMAC.	8/9/2024
bhall	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the 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; and a revegetation plan.	8/9/2024
bhall	Following approval of the reclamation report, a revegetation report must be submitted. A revegetation report will not be accepted until revegetation of the release area is complete and meets the requirements of 19.15.29.13 NMAC.	8/9/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	8/9/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	8/9/2024