Incident Number: nAPP2410231723

Release Assessment and Closure

Skor 34 Federal Com #001

Section 34, Township 21 South, Range 27 East

API: 30-015-33925

County: Eddy

Vertex File Number: 24E-03090

Prepared for:
EOG Resources, Inc.

Prepared by:
Vertex Resource Services Inc.

Date:
October 2024

Release Assessment and Closure
Skor 34 Federal Com #001
Section 34, Township 21 South, Range 27 East
API: 30-015-33925
County: Eddy

Prepared for:
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PROJECT MANAGER, REPORT REVIEW

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1.0 Introduction

EOG Resources, Inc. (EOG) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for an unauthorized third-party release of an unknown substance and quantity that was discovered on April 10, 2024, at Skor 34 Federal Com #001, API 30-015-33925 (hereafter referred to as the "site"). EOG submitted a Notification of Release Application to New Mexico Oil Conservation Division (NMOCD) District 2 on April 11, 2024. Incident ID number nAPP2410231723 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 this release, with the understanding that restoration of the release site will be completed following remediation activities as per NMAC 19.15.29.13.

2.0 Incident Description

The release was discovered on April 10, 2024, as EOG concluded an unauthorized third party trespassed onto the site and released an unknown quantity of an unknown substance believed to be produced water in the pasture near the southeast corner of the oil well pad. No amount of free fluid was able to be recovered from this release. This site's access has since been restricted for access via a locked gate.

3.0 Site Characteristics

The site is located approximately 3 miles northeast of Carlsbad, New Mexico (Google Inc., 2024). The legal location for the site is Section 34, Township 21 South and Range 27 East in Eddy County, New Mexico. The release area is located on private property. An aerial photograph and site schematic are presented on Figure 1.

The location is typical of oil and gas exploration and production sites in the Permian Basin and is currently used for oil and gas production and storage. The following sections specifically describe the impacted area on or in proximity to the constructed pad (Figure 1).

The *Geological Map of New Mexico* (New Mexico Bureau of Geology and Mineral Resources, 2024) indicates the site's surface geology primarily comprises Qa - Alluvium (New Mexico Bureau of Geology and Mineral Resources, 2024). The karst geology potential for the site is medium (United States Department of the Interior, Bureau of Land Management, 2018). The surrounding landscape is associated with elevations ranging between 1,100 and 4,400 feet. The climate is semiarid with average annual precipitation ranging between 7 and 15 inches. Predominant soil textures around the site are well-drained fine sandy loams and sandy loams with high runoff potential (United States Department of Agriculture, Natural Resources Conservation Service, 2024).

4.0 Closure Criteria Determination

The nearest active well to the site is a prospecting well located approximately 1.28 miles southeast of the site (New Mexico Office of the State Engineer, 2024a). Data from 2024 shows the New Mexico Office of the State Engineer borehole recorded a depth to groundwater of 30 feet below ground surface (bgs). Information pertaining to the depth to ground water determination 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 a riverine habitat (National Wetlands Inventory) located approximately 0.72 miles west of the site (United States Fish and Wildlife Service, 2024). 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.

Table 1. Closure Criteria Determination			
Site Name: Skor 34 Federal Com 1			
Spill Coordinates: 32.4306944, -104.174445		**X: 577612.52**	**Y:3588476.37**
Site Specific Conditions		**Value**	**Unit**
1	Depth to Groundwater (nearest reference)	**30**	feet
	Distance between release and nearest DTGW reference	**6,797**	feet
		1.28	miles
	Date of nearest DTGW reference measurement	**December 27, 1985**	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	3,783	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	13,358	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	10,544	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**	6,111	feet
	ii) Within 1000 feet of any fresh water well or spring	6,111	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	1,931	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	60,507	feet
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
	Distance between release and nearest unstable area	6,007	feet
10	Within a 100-year Floodplain	> 500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	4,315	feet
11	Soil Type	Gravelly Loam	
12	Ecological Classification	Shallow	
13	Geology	Alluvium	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	<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 Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
< 50 feet	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS – total dissolved solids

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

Remediation efforts began on August 23, 2024, and were finalized on September 13, 2024. Vertex personnel supervised the excavation of impacted soils. Soils were removed to depths of 2 to 4 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Daily Field Reports are included in Appendix B.

Notifications that confirmatory samples were being collected were provided to the NMOCD before each sampling event and are included in Appendix C. Confirmatory composite samples were collected from the base and walls of the excavation in increments no greater than 200 square feet. A total of 78 base and wall samples were collected for laboratory analysis following NMOCD soil sampling procedures during the initial excavation. Exceedances discovered through analysis were excavated further until they reached closure criteria on September 13, 2024. Samples were submitted to Eurofins Environment Testing 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 3, and the laboratory data reports are included in Appendix D. All confirmatory samples collected and analyzed were below the closure criteria for the site.

6.0 Closure Request

Vertex recommends no additional remediation action to address the impacted area at the site. Laboratory analyses of confirmation samples collected show final confirmatory values below NMOCD closure criteria for areas where depth to groundwater is less than 50 feet bgs. There are no anticipated risks to human, ecological, or hydrological receptors at the site.

The excavation was backfilled with non-waste-containing, uncontaminated, earthen material sourced locally and placed to meet the site's existing grade to prevent water ponding and erosion. Samples were collected from the caliche and topsoil material prior to backfill activities on September 16, 2024. Analytical data pertaining to the backfill samples is included in Table 3. The top layer of the backfill was seeded on October 2, 2024, with the Bureau of Land Management recommended seed mixture for loamy soils.

Vertex requests that this open incident be approved for closure as all requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. EOG certifies that all information in this report and the appendices are correct and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD requirements to obtain Remediation Closure Approval.

7.0 Land Reclamation

The land reclamation for the site (surface reclamation) is detailed below. This section outlines the principles that were used during the surface reclamation phase for the site. The DFR and site photographs obtained during reclamation procedures are included in Appendix B.

7.1 End Land Use and Capability

The land use surrounding the site is defined as natural; therefore, the end land use would be natural land. A natural area is described as: away from human habitation and activities, where the primary concern is the protection of ecological receptors. The site was reclaimed so that the capability of the land matches that of the areas immediately surrounding the site, which consists of rangeland.

7.2 Restoration of Drainage

Currently, the site consists of a mostly-level pasture area behind a tank battery. The site was contoured to match surrounding topography as near as practicable to restore natural drainage, which was generally in a west-to-east direction. Any compaction on-site was addressed by de-compaction to an approximate depth of 6 inches. All de-compaction activities were conducted post-backfill procedures and pre-seeding to maximize seed to soil contact and promote vegetation establishment.

7.3 Soil Replacement

Surface reclamation included determination of background topsoil depth as site conditions are required to meet pre-existing conditions. Reclamation of the location was completed after backfilling operations. Clean, locally sourced topsoil and caliche was imported to the site to backfill the excavation. The pasture areas were fenced with a 4-strand barbed wire fence.

7.4 Erosion Control

There are currently no erosion concerns on-site, and the use of erosion control devices at this location is not anticipated; however, erosion control devices will be installed at the discretion of the on-site environmental inspector.

7.5 Re-vegetation

7.5.1 Seeding

A seed mix suitable for the site and surrounding area was used and applied at appropriate rates. Seed establishment and re-vegetation will be monitored, bi-annually, to determine success. A Bureau of Land Management loamy seed mix consisting of Sideoats grama – 4.0 lb/acre, Blue grama – 2lb/acre, Plains bristlegrass – 2lb/acre, Little bluestem – 1lb/acre was obtained for the site and administered by Vertex personnel. Seeding was completed using a tractor with rotating discs and broadcasted on all areas under reclamation. Photo documentation of the excavation area after backfill and seeding is located in Appendix B.

7.5.2 Reclamation Standards

Reclamation success will meet requirements outlined in Chapter 6 of The Gold Book (United States Department of the Interior and U.S. Department of Agriculture, 2007) which states that "a self-sustaining, vigorous, diverse, native (or otherwise approved) plant community is established on site, with a density sufficient to control erosion and non-native plant invasion and to re-establish wildlife habitat or forage production".

7.6 Weed Management

The site will be monitored for vegetative growth throughout the year. Should noxious vegetation be identified on-site, a control program will be implemented and managed as required.

Weed management programs will identify weed species of concern and utilize effective control methods. These methods include but are not limited to: chemical (herbicide) control, mechanical (mowing) control or biological control as approved by governing regulatory agencies.

8.0 Monitoring Program

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

8.1 Final Assessment and Closure Request

During the bi-annual inspections, if site conditions are at or nearing background conditions, a final re-vegetation report will be completed. The report will provide a summary of the vegetation establishment, a summary and interpretation of monitoring data collected, interpretation of historical monitoring data, and suggested corrective actions if applicable.

Should you have any questions or concerns, please do not hesitate to contact Chance Dixon at 575.988.1472 or cdixon@vertexresource.com.

9.0 References

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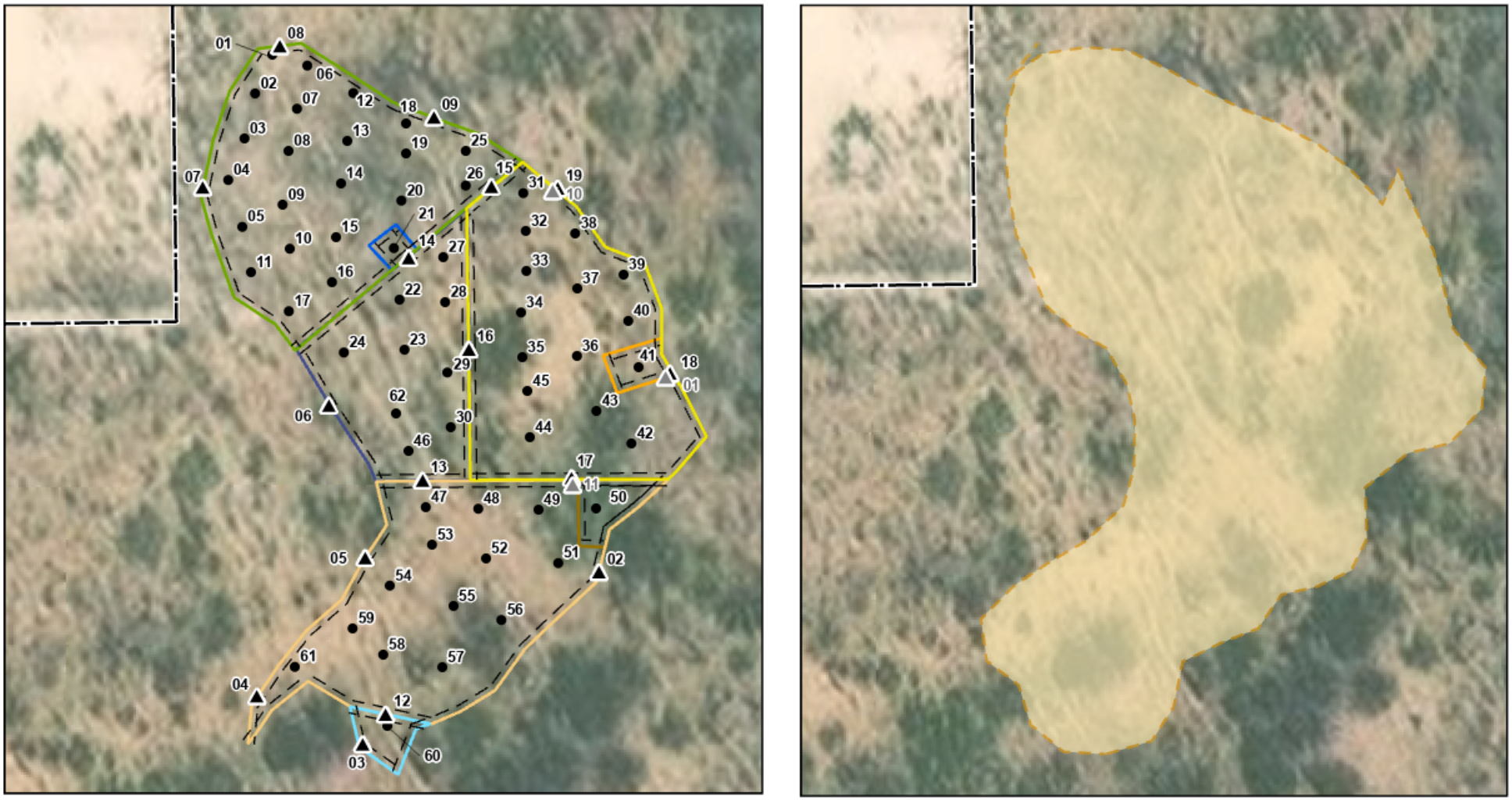
10.0 Limitations

This report has been prepared for the sole benefit of EOG Resources, Inc. 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 EOG Resources, Inc. 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. The conclusions and recommendations presented in this report should not be considered legal advice.

FIGURE



- Base Sample (Prefixed by "BS24-")
- Wall Sample (Prefixed by "WS24-")
- Wall Sample (Excavated)
- Approximate Lease Boundary
- Excavation South to 2' bgs (~168 sq.ft. | WL 96 sq.ft.)
- Excavation North to 2' bgs (~3,250 sq.ft. | WL 414 sq.ft.)
- Excavation to 2.5' bgs (~142 sq.ft. | WL 24.5 sq.ft.)
- Excavation North to 3' bgs (~3,143 sq.ft. | WL 1,223 sq.ft.)
- Excavation South to 3' bgs (~3,198 sq.ft. | WL 611 sq.ft.)
- Excavation North to 3.5' bgs North (~68 sq.ft. | WL 16.5 sq.ft.)
- Excavation South to 3.5' bgs South (~227 sq.ft. | WL 103 sq.ft.)
- Excavation to 4' bgs (~1,855 sq.ft. | WL 326 sq. ft.)
- Reclaimed/ Seeded Area (~15,661 sq.ft.)

VERTEX

0 10 20 40 ft

NAD 1983 UTM Zone 13N

Date: Oct 29/24

Map Center:
Lat/Long
32.43045°,-104.174156°

N

Confirmatory Sampling and Reclamation Site Schematic
Skor 34 Federal Com #1

FIGURE: 2

eog resources

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

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

VERSATILITY. EXPERTISE.

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TABLE

Client Name: EOG Resources, Inc.
Site Name: Skor 34 Federal Com #1
NMOCD Tracking #: nAPP2410231723
Project #: 24E-03090
Lab Reports: 885-10624-1, 885-10621-1, H245593

Table 3. Confirmatory Sample Field Screen and Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater: <50							
BG24-01	N/A	9.16.24	ND	ND	ND	ND	ND	ND	ND	16
BG24-02	N/A	9.16.24	ND	ND	ND	ND	ND	ND	ND	48
BG24-03	N/A	9.16.24	ND	ND	ND	ND	ND	ND	ND	96
BG24-04	N/A	9.16.24	ND	ND	ND	ND	ND	ND	ND	112
BS24-01	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	ND
BS24-02	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	120
BS24-03	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	170
BS24-04	3	8.23.24	ND	ND	ND	18	ND	18	18	430
BS24-05	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	190
BS24-06	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	190
BS24-07	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	62
BS24-08	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	150
BS24-09	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	76
BS24-10	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	440
BS24-11	3	8.23.24.	ND	ND	ND	ND	ND	ND	ND	240
BS24-12	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	500
BS24-13	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	71
BS24-14	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	61
BS24-15	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	98
BS24-16	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	240
BS24-17	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	200
BS24-18	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	150
BS24-19	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	140
BS24-20	3	8.23.24	ND	ND	ND	ND	ND	ND	ND	300
~~BS24-21~~	~~3~~	~~8.23.24~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~870~~
BS24-21	3.5	9.13.24	ND	ND	ND	ND	ND	ND	ND	80
BS24-22	4	8.23.24	ND	ND	ND	ND	ND	ND	ND	140
BS24-23	4	8.23.24	ND	ND	ND	ND	ND	ND	ND	160
BS24-24	4	8.23.24	ND	ND	ND	11	ND	11	11	470
BS24-25	4	8.23.24	ND	ND	ND	ND	ND	ND	ND	330
BS24-26	4	8.23.24	ND	ND	ND	ND	ND	ND	ND	90
BS24-27	4	8.23.24	ND	ND	ND	ND	ND	ND	ND	90
BS24-28	4	8.23.24	ND	ND	ND	ND	ND	ND	ND	110
BS24-29	4	8.23.24	ND	ND	ND	ND	ND	ND	ND	220
BS24-30	4	8.23.24	ND	ND	ND	ND	ND	ND	ND	260
BS24-31	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	440
BS24-32	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	120
BS24-33	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	260
BS24-34	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	190
BS24-35	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	160
BS24-36	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	400
BS24-37	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	310

Table 3. Confirmatory Sample Field Screen and Laboratory Results											
Sample Description			Petroleum Hydrocarbons							Inorganic	
			Volatile		Extractable						
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
BS24-38	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	420	
~~BS24-39~~	~~2~~	~~8.24.24~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~1100~~	
BS24-39	3.5	9.13.24	ND	ND	ND	ND	ND	ND	ND	96	
BS24-40	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	580	
~~BS24-41~~	~~2~~	~~8.24.24~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~1300~~	
BS24-41	2.5	9.13.24	ND	ND	ND	ND	ND	ND	ND	48	
BS24-42	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	230	
BS24-43	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	97	
BS24-44	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	130	
BS24-45	2	8.24.24	ND	ND	ND	ND	ND	ND	ND	240	
BS24-46	4	8.24.24	ND	ND	ND	ND	ND	ND	ND	150	
BS24-47	3	8.24.24	ND	ND	ND	ND	ND	ND	ND	270	
BS24-48	3	8.24.24	ND	ND	ND	ND	ND	ND	ND	220	
BS24-49	3	8.24.24	ND	ND	ND	ND	ND	ND	ND	260	
~~BS24-50~~	~~3~~	~~8.24.24~~	~~ND~~	~~ND~~	~~ND~~	~~16~~	~~110~~	~~16~~	~~126~~	~~500~~	
BS24-50	3.5	9.13.24	ND	ND	ND	ND	ND	ND	ND	160	
~~BS24-51~~	~~3~~	~~8.24.24~~	~~ND~~	~~ND~~	~~ND~~	~~12~~	~~ND~~	~~12~~	~~12~~	~~700~~	
BS24-51	3.5	9.13.24	ND	ND	ND	ND	ND	ND	ND	256	
BS24-52	3	8.24.24	ND	ND	ND	13	ND	13	13	240	
BS24-53	3	8.24.24	ND	ND	ND	12	ND	12	12	270	
BS24-54	3	8.24.24	ND	ND	ND	ND	ND	ND	ND	170	
BS24-55	3	8.24.24	ND	ND	ND	22	ND	22	22	460	
BS24-56	3	8.24.24	ND	ND	ND	16	ND	16	16	280	
BS24-57	3	8.24.24	ND	ND	ND	13	ND	13	13	100	
~~BS24-58~~	~~3~~	~~8.24.24~~	~~ND~~	~~ND~~	~~ND~~	~~57~~	~~110~~	~~57~~	~~167~~	~~320~~	
BS24-58	3.5	9.13.24	ND	ND	ND	ND	ND	ND	ND	208	
BS24-59	3	8.24.24	ND	ND	ND	ND	ND	ND	ND	160	
BS24-60	2	8.24.24	ND	ND	ND	20	ND	20	20	520	
BS24-61	3	8.24.24	ND	ND	ND	ND	ND	ND	ND	ND	
BS24-62	4	8.24.24	ND	ND	ND	ND	ND	ND	ND	210	
~~WS24-01~~	~~0-2~~	~~8.24.24~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~1500~~	
WS24-02	0-3	8.24.24	ND	ND	ND	ND	ND	ND	ND	520	
WS24-03	0-2	8.24.24	ND	ND	ND	ND	ND	ND	ND	530	
WS24-04	0-3	8.24.24	ND	ND	ND	ND	ND	ND	ND	ND	
WS24-05	0-3	8.24.24	ND	ND	ND	ND	ND	ND	ND	ND	
WS24-06	0-4	8.24.24	ND	ND	ND	ND	ND	ND	ND	280	
WS24-07	0-3	8.24.24	ND	ND	ND	ND	ND	ND	ND	110	

Table 3. Confirmatory Sample Field Screen and Laboratory Results											
Sample Description			Petroleum Hydrocarbons							Inorganic	
			Volatile		Extractable						
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
WS24-08	0-3	8.24.24	ND	ND	ND	ND	ND	ND	ND	65	
WS24-09	0-3	8.24.24	ND	ND	ND	ND	ND	ND	ND	92	
~~WS24-10~~	~~0-2~~	~~8.24.24~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~**1500**~~	
~~WS24-11~~	~~2-4~~	~~8.24.24~~	~~ND~~	~~ND~~	~~ND~~	~~28~~	~~83~~	~~28~~	~~**111**~~	~~530~~	
WS24-12	2-3	8.24.24	ND	ND	ND	ND	ND	ND	ND	390	
WS24-13	3-4	8.24.24	ND	ND	ND	ND	ND	ND	ND	130	
WS24-14	3-4	8.24.24	ND	ND	ND	ND	ND	ND	ND	140	
WS24-15	2-3	8.24.24	ND	ND	ND	ND	ND	ND	ND	150	
WS24-16	2-4	8.24.24	ND	ND	ND	ND	ND	ND	ND	130	
WS24-17	2-4	9.13.24	ND	ND	ND	ND	ND	ND	ND	240	
WS24-18	2-4	9.13.24	ND	ND	ND	ND	ND	ND	ND	176	
WS24-19	2-4	9.13.24	ND	ND	ND	ND	ND	ND	ND	416	

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Strikethrough indicates wall samples that were excavated out.
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Criteria (off-pad)

APPENDIX A – Closure Criteria Research Documentation

Skor 34 Federal Com #1 0.5-Mile Radius

6/27/2024, 1:57:48 PM

GIS WATERS PODs
- Active
- Pending
- Plugged
- OSE District Boundary

Water Right Regulations
- Artesian Planning Area

New Mexico State Trust Lands
- Subsurface Estate
- Both Estates

Conveyances
- Canal
- Ditch

NHD Flowlines
- Artificial Path
- Canal Ditch
- Stream River

1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

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

Online web user

This is an unofficial map from the OSE's online application.

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twp	Rng	X	Y
	C 02127	4	4	3	02	22S	27E	578846	3586802*

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)
(NAD83 UTM in meters)

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	CORKY GLENN				
Drill Start Date:	12/19/1985	**Drill Finish Date:**	12/19/1985	**Plug Date:**	
Log File Date:	12/27/1985	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	75 GPM
Casing Size:	6.63	**Depth Well:**	160 feet	**Depth Water:**	30 feet

Water Bearing Stratifications:	Top	Bottom	Description
	80	119	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	70	160

***UTM location was derived from PLSS - see Help**

01. Skor 34 Fed Com #1 OSE POD Location Map

6/12/2024, 7:31:15 AM

GIS WATERS PODs
- Pending
- OSE District Boundary

Water Right Regulations
- Artesian Planning Area

New Mexico State Trust Lands
- Both Estates

Conveyances
- Canal
- Ditch

NHD Flowlines
- Stream River

1:9,028

0 0.07 0.15 0.3 mi

0 0.13 0.25 0.5 km

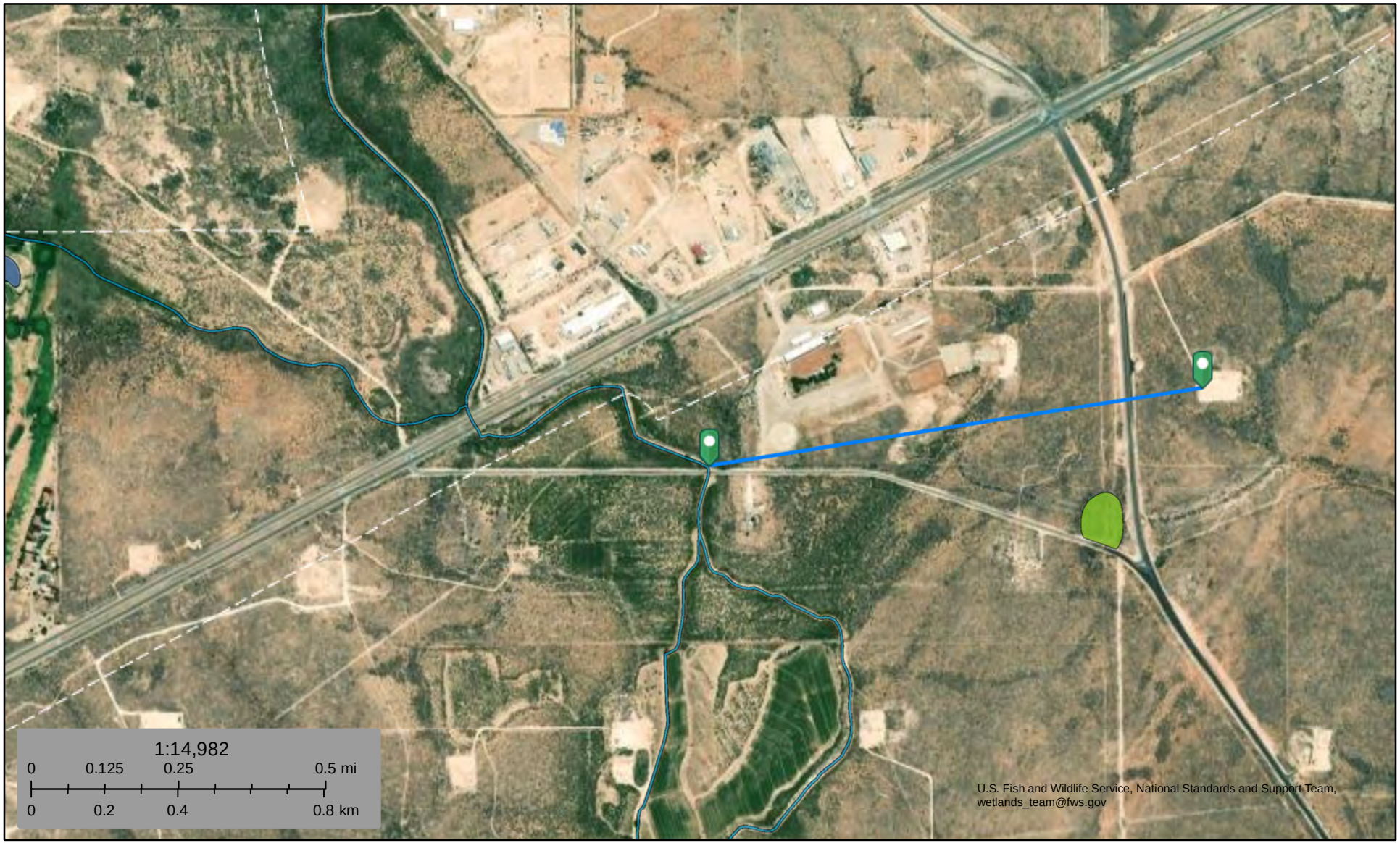
Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Skor 34 Federal Com #1
Watercourse 3,783



June 11, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

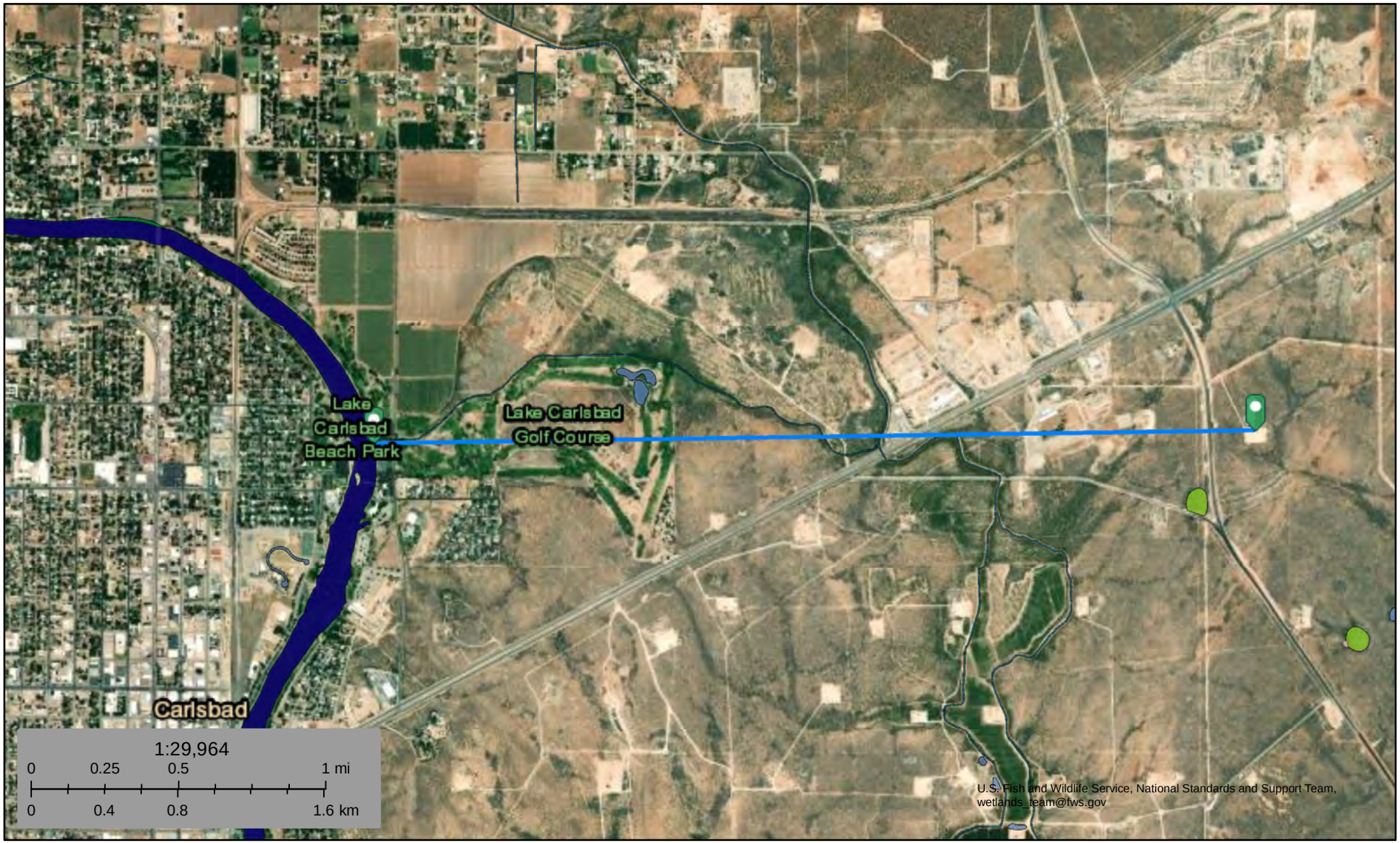
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

U.S. Fish and Wildlife Service

National Wetlands Inventory

Skor 34 Federal Com #1 Lake 13,358ft



June 11, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
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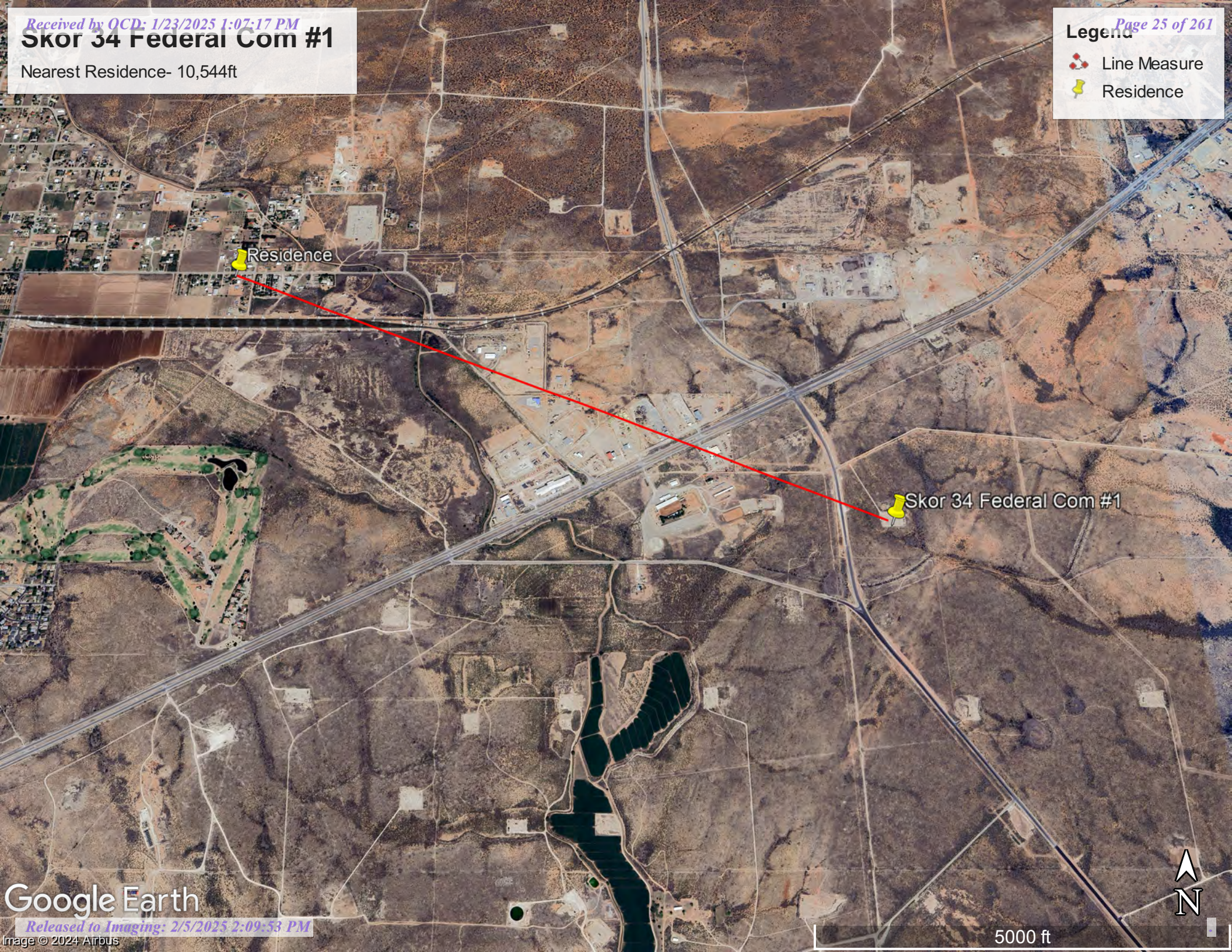
Skor 34 Federal Com #1

Nearest Residence- 10,544ft



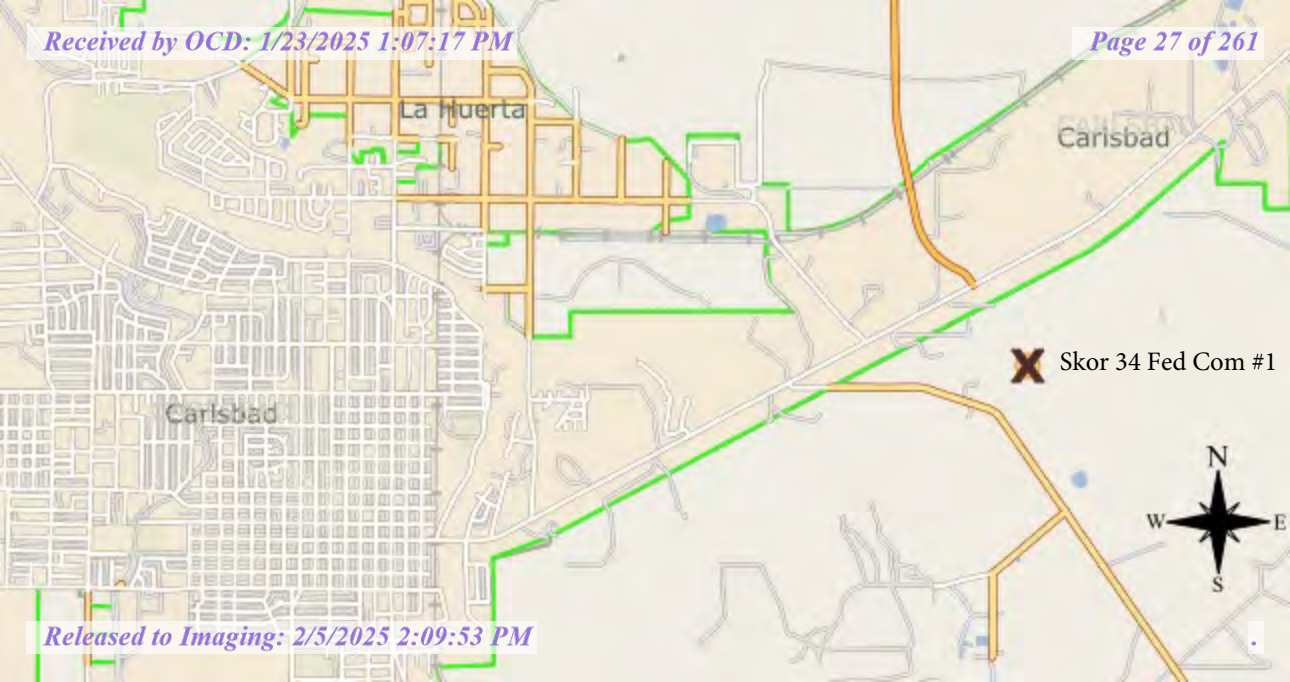
New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in me

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q 64	q 16	q 4	Sec	Tws	Rng	X	Y
C 04841	C	SAN	1	TSW PROPERTIES, LLC	ED	C 04841 POD1	215A0				3	4	2	34	21S	27E	577747	3589256
C 00985	C	DOL	3	W W SIMPSON	ED	C 00985						1	1	02	22S	27E	578332	3588113*
C 04346	C	DOM	1	STAN WATSON	ED	C 04346 POD1	2230D				1	1	3	34	21S	27E	576596	3589242
C 00479	C	DOM	0	FRANCIS G. TRACY	ED	C 00479							3	03	22S	27E	576919	3587082*
C 01250	C	DOL	3	JIM A. STROUD	ED	C 01250				Artesian	3	3		27	21S	27E	576677	3590107*
C 00589	CUB	IRR	390	JOSEPHINE T. EDDY, TRUST	ED	C 00589				Shallow	2	4	4	04	22S	27E	576412	3586974*
C 02838	C	PRO	0	DEVON ENERGY PRODUCTION	ED	C 00589				Shallow	2	4	4	04	22S	27E	576412	3586974*
C 02921	C	PRO	0	MARBOB ENERGY	ED	C 02921					2	4	4	04	22S	27E	576412	3586974*
C 00297	C	DOM	3	BOYD SCOTT	CH	C 00297				Shallow	1	1	2	35	21S	27E	579029	3589833*
C 02127	C	PRO	3	SAMMY D. CLARK	ED	C 02127				Shallow	4	4	3	02	22S	27E	578846	3586802*
C 02947	C	PRO	0	MEWBOURNE OIL COMPANY	ED	C 02947					4	4	3	02	22S	27E	578846	3586802*
C 03109	C	PRO	0	DEVON OPERATING	ED	C 02127				Shallow	4	4	3	02	22S	27E	578846	3586802*
C 03242	C	PRO	0	MEWBOURNE OIL COMPANY	ED	C 02127				Shallow	4	4	3	02	22S	27E	578846	3586802*
C 03256	C	PRO	0	DUGAN INC	ED	C 02127				Shallow	4	4	3	02	22S	27E	578846	3586802*
C 00105	CUB	IRR	0	FRANCIS G. TRACY	ED	C 00105				Shallow	4	4	4	04	22S	27E	576412	3586774*
C 00468	C	DOM	3	O. V. TOOTHMAN	ED	C 00468				Shallow	3	4	4	26	21S	27E	579432	3590041*
C 04340	CUB	MON	0	SANDS DEVELOPMENT LLC	ED	C 04340 POD3	NA				4	4	4	26	21S	27E	579543	3589946
					ED	C 04340 POD4					3	4	4	26	21S	27E	579508	3590023
					ED	C 04340 POD2					4	4	4	26	21S	27E	579581	3589944
					ED	C 04340 POD5					4	4	4	26	21S	27E	579628	3589956
C 00973	C	DOM	3	E J GARNER	ED	C 00973				Artesian		4		26	21S	27E	579327	3590338*
C 01835	C	DOL	3	CHAMPLAIN PETROLEUM COMPANY	ED	C 01835				Shallow	1	4	4	26	21S	27E	579432	3590241*
C 00076 EFF	CUB	NRT	1413.96	CITY OF CARLSBAD	ED	C 00076 EFF				Artesian	3	4	1	10	22S	27E	577027	3585973*
C 04340	CUB	MON	0	SANDS DEVELOPMENT LLC	ED	C 04340 POD1	NA				2	4	4	26	21S	27E	579571	3590158
C 00047 A	CUB	IRR	60	CITY OF CARLSBAD	ED	C 00047 EXPL				Artesian	3	2	4	26	21S	27E	579429	3590444*
C 01598	C	DOM	3	JESS W LAMAN	ED	C 01598					3	4	3	28	21S	27E	575375	3589996*
C 02968	C	DOL	0	SUSAN MOORE	ED	C 02968					2	1	1	33	21S	27E	575177	3589790*
C 02170	C	DOM	3	JESSE W. LAMAN SR.	ED	C 02170				Shallow	1	4	3	28	21S	27E	575375	3590196*
C 04457	CUB	MON	0	BNSF RAILWAY CO	ED	C 04457 POD4	NA			Shallow	1	3	1	33	21S	27E	574935	3589466
C 00188	C	DOM	0	VICTOR JIMENEZ	ED	C 00188						3	3	28	21S	27E	575076	3590094*
C 00047 A	CUB	IRR	60	CITY OF CARLSBAD	ED	C 00047 A				Shallow	2	3	2	26	21S	27E	579218	3591043*
C 01349	C	DOL	3	BUDDY GARNER	ED	C 01349				Artesian	2	3	2	26	21S	27E	579218	3591043*
C 03939	CUB	MON	0	ENTERPRISE FIELD SERVICES LLC	ED	C 03939 POD3				Shallow	3	1	3	25	21S	27E	579903	3590472
					ED	C 03939 POD2				Shallow	3	1	3	25	21S	27E	579936	3590468
					ED	C 03939 POD5				Shallow	3	1	3	25	21S	27E	579920	3590493
					ED	C 03939 POD4				Shallow	4	1	3	25	21S	27E	579954	3590499
C 00849	C	DOM	0	ALBERT HEMLER	ED	C 00849							3	10	22S	27E	576928	3585457*
C 01318	C	DOM	3	JAMES W LAMAN SR	ED	C 01318					4	1	3	28	21S	27E	575169	3590397*
C 00551	C	DOL	3	ALMA T. HARPER	ED	C 00551				Shallow	4	4	2	26	21S	27E	579626	3590847*
C 03939	CUB	MON	0	ENTERPRISE FIELD SERVICES LLC	ED	C 03939 POD1				Shallow	1	1	3	25	21S	27E	579926	3590559
C 00566	C	DOM	3	ROQUE ELIZONDO	ED	C 00566				Artesian	2	2	2	32	21S	27E	574773	3589785*
C 00632	CUB	COM	15	CITY OF CARLSBAD	ED	C 00632				Artesian	2	2	2	32	21S	27E	574773	3589785*
C 02193	C	DOM	3	BILLY GEORGE WEST	ED	C 02193				Shallow		4		32	21S	27E	574476	3588675*
C 01012	C	DOM	0	SALLIE FAYE BERKSTRESSER	ED	C 01012							3	25	21S	27E	580141	3590347*
C 02554	C	MUL	3	BRAD PARMENTER	ED	C 02554	20CCB				3	1	3	28	21S	27E	575046	3590301
C 00804	C	DOM	0	JESSE E. BUCKNER	ED	C 00804					4	2	4	09	22S	27E	576418	3585556*


La Huerta
Carlsbad
Carlsbad
Skor 34 Fed Com #1
N
W
E
S

U.S. Fish and Wildlife Service
National Wetlands Inventory

Skor 34 Federal Com #1 Wetland 1,931ft

June 11, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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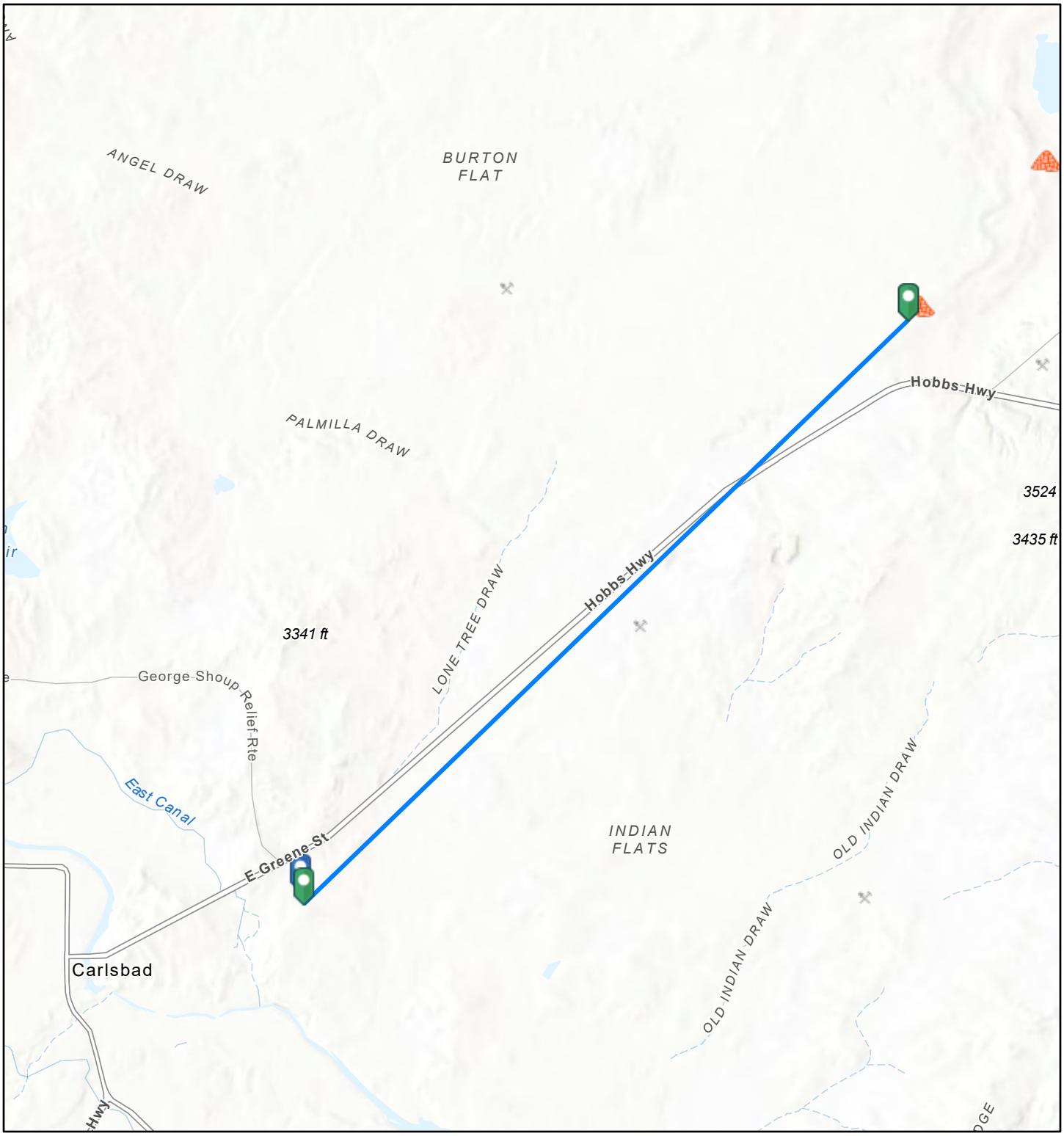
National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Skor 34 Federal Com #1 Mine 60,507ft



6/11/2024, 4:38:45 PM

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

Registered Mines

- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Potash

Esri, NASA, NGA, USGS, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

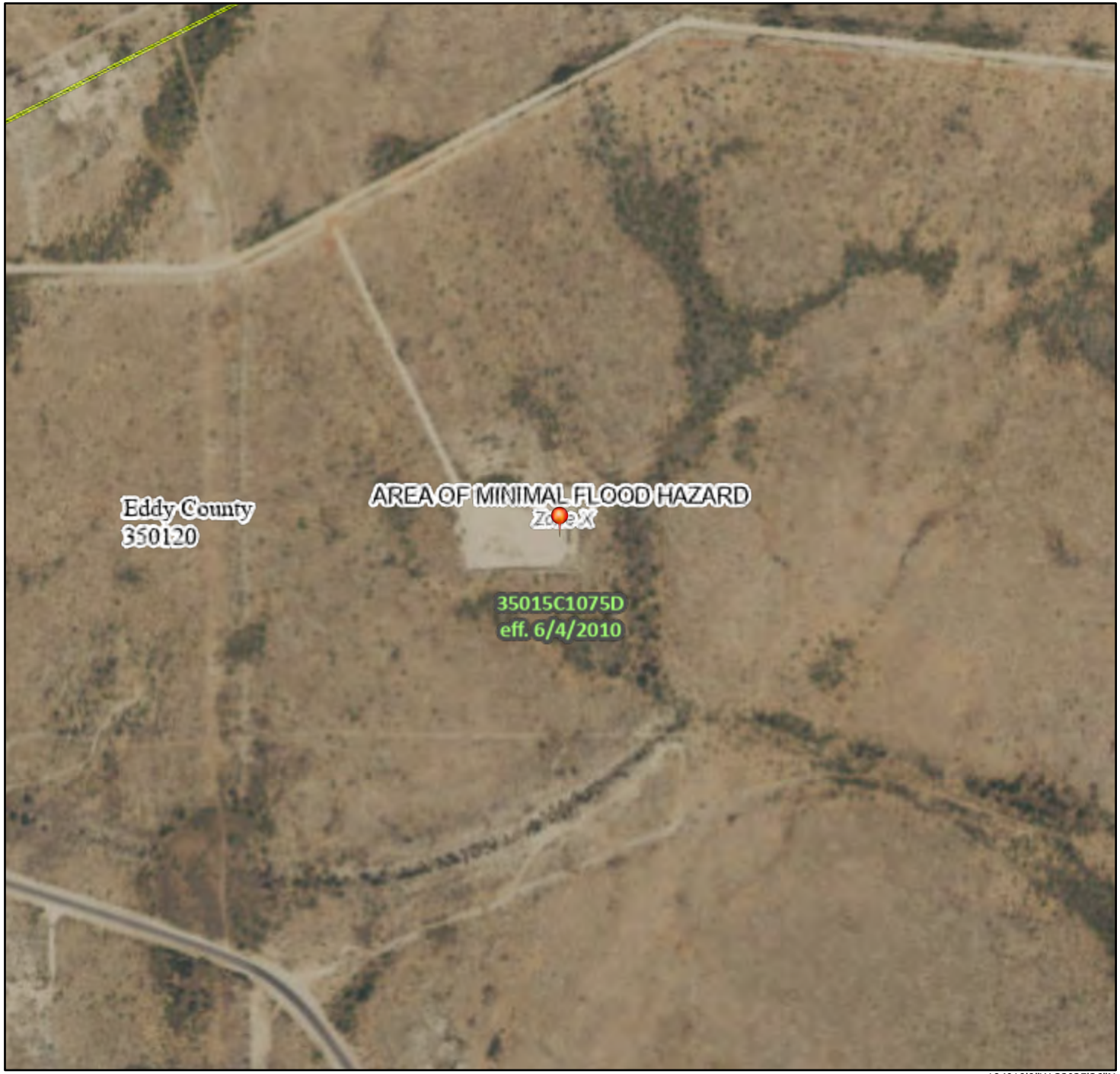
EMNRD MMD GIS Coordinator

New Mexico Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

National Flood Hazard Layer FIRMette

FEMA

104°10'47"W 32°26'6"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°10'9"W 32°25'36"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

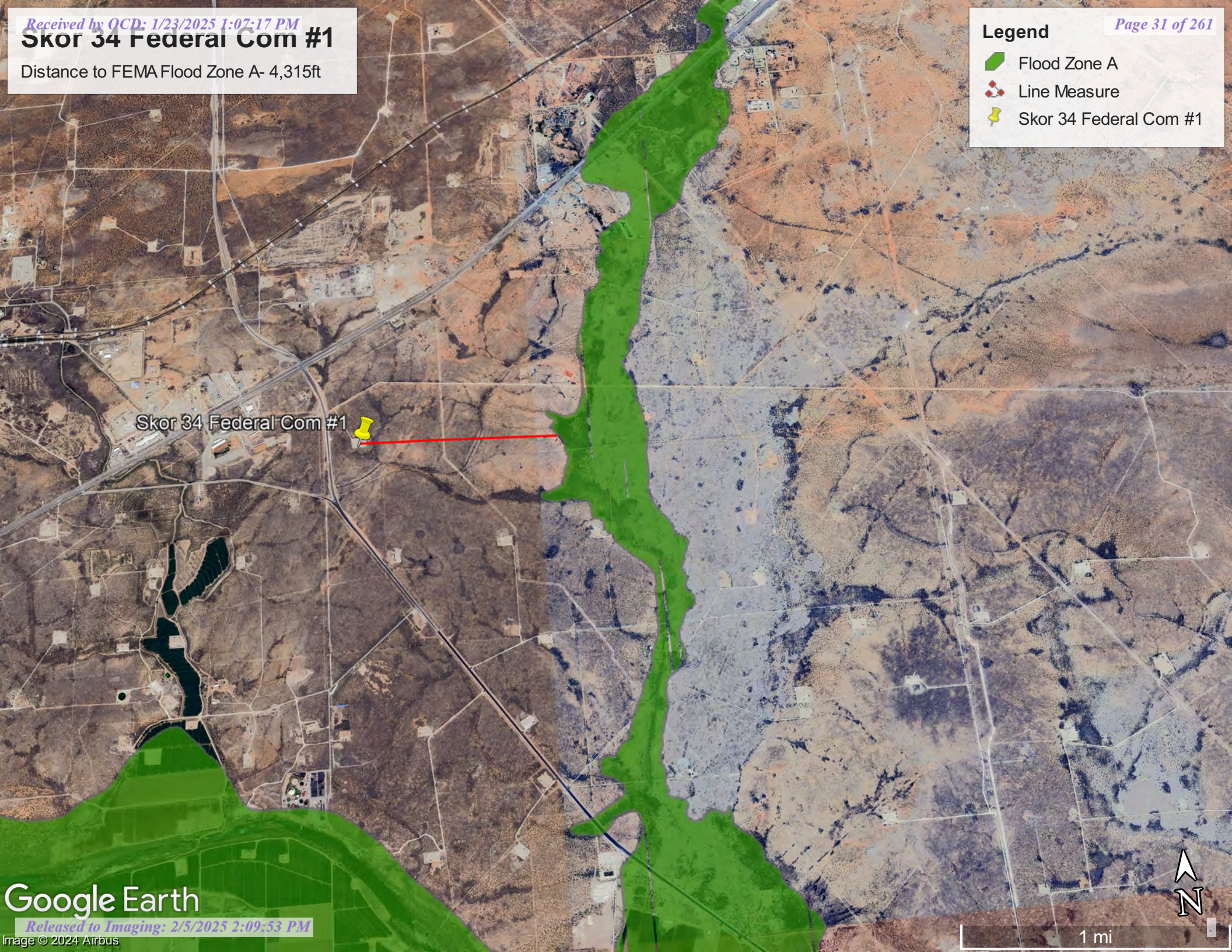
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/11/2024 at 7:02 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.

Skor 34 Federal Com #1

Distance to FEMA Flood Zone A- 4,315ft



United States Department of Agriculture

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 Eddy Area, New Mexico

June 11, 2024

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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Contents

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.

Custom Soil Resource Report
Soil Map

Map Scale: 1:979 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 10 20 40 60

Feet
0 45 90 180 270

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- 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
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

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)

Maps from the Web Soil Survey are based on the Web Mercator 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: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

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

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UG	Upton gravelly loam, 0 to 9 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.

Eddy Area, New Mexico

UG—Upton gravelly loam, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w64
Elevation: 1,100 to 4,400 feet
Mean annual precipitation: 7 to 15 inches
Mean annual air temperature: 60 to 70 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Upton and similar soils: 96 percent
Minor components: 4 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

Minor Components

Reagan

Percent of map unit: 1 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Upton

Percent of map unit: 1 percent
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

Atoka

Percent of map unit: 1 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Atoka

Percent of map unit: 1 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

References

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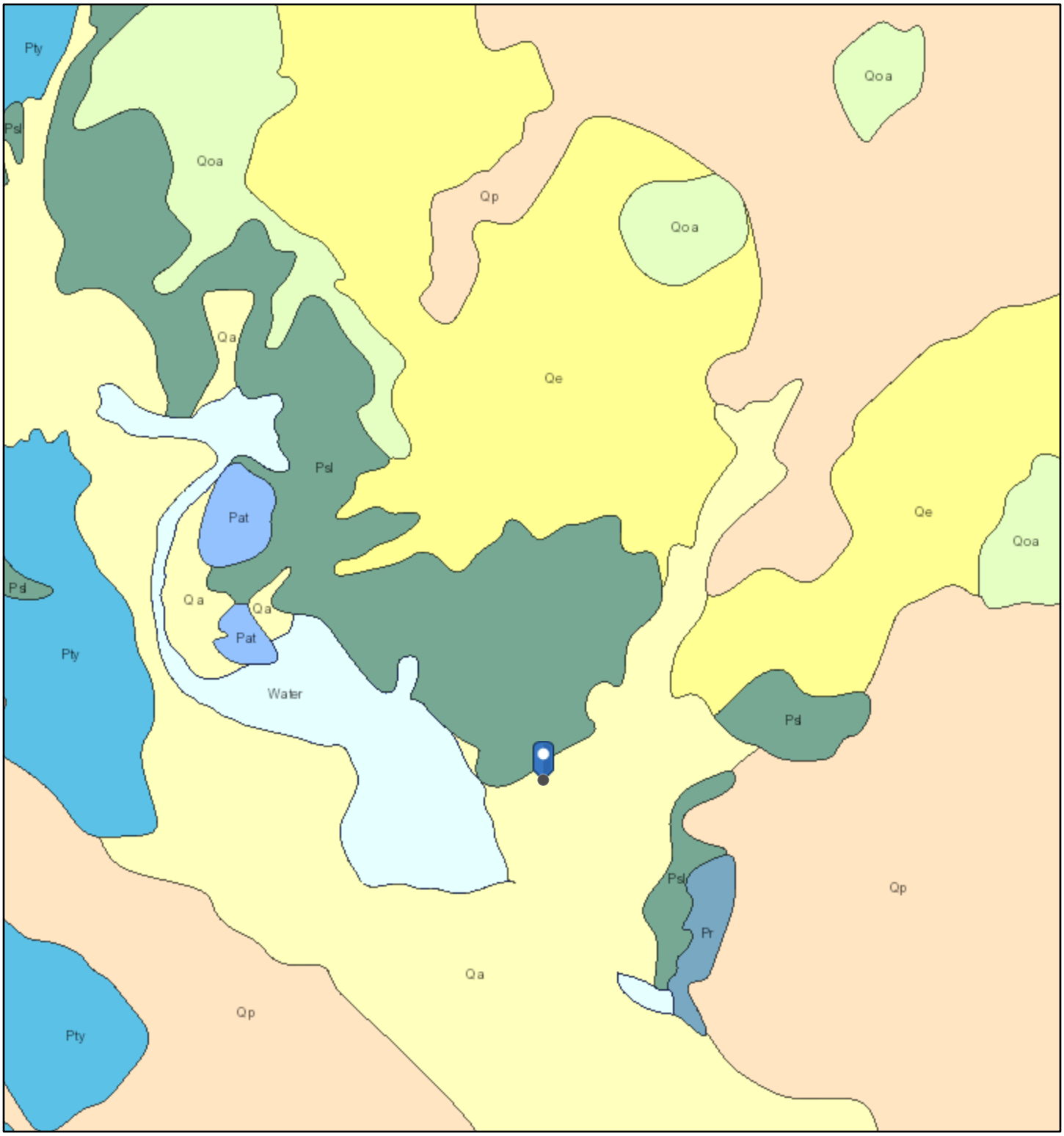
Skor 34 Federal Com #1 Geology



6/11/2024, 5:25:14 PM

1:144,448

0 1 2 4 mi

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Lithologic Units

- Playa——Alluvium and evaporite deposits (Holocene)
- Water——Perenial standing water
- Qa——Alluvium (Holocene to upper Pleistocene)

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

ArcGIS Web AppBuilder

USGS The National Map: Boundaries, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National

APPENDIX B – Daily Field Reports

Daily Site Visit Report

Site Photos

Viewing Direction: East

Viewing Direction: South

Viewing Direction: South

Viewing Direction: South

Daily Site Visit Report

Viewing Direction: North

Viewing Direction: Northwest

Viewing Direction: Northwest

Viewing Direction: North

Daily Site Visit Report

Viewing Direction: Northeast

Viewing Direction: South

Viewing Direction: East

Viewing Direction: Southwest

Daily Site Visit Report

Viewing Direction: South

Viewing Direction: North

Viewing Direction: Southeast

Viewing Direction: South

Daily Site Visit Report

Viewing Direction: South

Viewing Direction: North

Viewing Direction: Southeast

Viewing Direction: West

Daily Site Visit Report

Viewing Direction: West

Viewing Direction: South

Viewing Direction: South

Viewing Direction: Northeast

Daily Site Visit Report

Viewing Direction: Southwest

Viewing Direction: South

Viewing Direction: North

Viewing Direction: Northeast

Daily Site Visit Report

Viewing Direction: Southeast

Viewing Direction: Southwest

Viewing Direction: West

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Andrew Ludvik

Signature:

APPENDIX C – Notifications

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

Action 376014

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 376014
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	13,000
What is the estimated number of samples that will be gathered	80
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/23/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537 chase_settle@eogresources.com
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 376014
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/21/2024

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State of New Mexico
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Santa Fe, NM 87505

QUESTIONS

Action 376029

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 376029
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	13,000
What is the estimated number of samples that will be gathered	80
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/24/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537 chase_settle@eogresources.com
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 376029
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/21/2024

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 376035

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 376035
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	13,000
What is the estimated number of samples that will be gathered	80
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/25/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537 chasew_settle@eogresources.com
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request

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Santa Fe, NM 87505

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 376035
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/21/2024

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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

Action 376040

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 376040
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	13,000
What is the estimated number of samples that will be gathered	80
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/26/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537 chase_settle@eogresources.com
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 376040
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/21/2024

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
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

Action 381547

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 381547
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,800
What is the estimated number of samples that will be gathered	9
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/11/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request Chase Settle 575-703-6537

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CONDITIONS

Action 381547

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 381547
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/9/2024

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 381553
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,800
What is the estimated number of samples that will be gathered	9
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/12/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request Chase Settle 575-703-6537

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 381553
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/9/2024

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 381567
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,800
What is the estimated number of samples that will be gathered	9
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/13/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request Chase Settle 575-703-6537

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 381567
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/9/2024

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QUESTIONS

Action 382967

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 382967
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,800
What is the estimated number of samples that will be gathered	9
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/16/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537 chase_settle@eogresources.com
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 382967
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/12/2024

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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

Action 382971

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 382971
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Site Name	**Skor 34 Fed Com #1**
Date Release Discovered	**04/10/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,800
What is the estimated number of samples that will be gathered	9
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/17/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Chase Settle 575-703-6537 chase_settle@eogresources.com
Please provide any information necessary for navigation to sampling site	Directions to the site can be provided after an email request

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Santa Fe, NM 87505

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 382971
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/12/2024

APPENDIX D – Laboratory Data Reports and Chain of Custody Forms

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 9/9/2024 1:34:52 PM

JOB DESCRIPTION

Skor 34 Federal Com #1

JOB NUMBER

885-10624-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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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9/9/2024 1:34:52 PM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Laboratory Job ID: 885-10624-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Qualifiers

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: 885-10624-1
Project: Skor 34 Federal Com #1

Job ID: 885-10624-1 Eurofins Albuquerque

Job Narrative
885-10624-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt
The samples were received on 8/27/2024 8:00 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 4.1°C and 4.5°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 885-11297 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; therefore, the data have been reported.

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

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

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-01 3'
Lab Sample ID: 885-10624-1
Date Collected: 08/23/24 10:47
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 14:08	08/29/24 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*35 - 166*	*08/27/24 14:08*	*08/29/24 04:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 14:08	08/29/24 04:32	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 04:32	1
Toluene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 04:32	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 14:08	08/29/24 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 04:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		08/28/24 09:30	08/29/24 13:20	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/28/24 09:30	08/29/24 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/28/24 09:30*	*08/29/24 13:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/28/24 13:55	08/28/24 21:53	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-02 3'
Lab Sample ID: 885-10624-2
Date Collected: 08/23/24 10:54
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 14:08	08/29/24 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*35 - 166*	*08/27/24 14:08*	*08/29/24 04:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 14:08	08/29/24 04:54	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 04:54	1
Toluene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 04:54	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 14:08	08/29/24 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 04:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/28/24 09:30	08/29/24 13:33	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/28/24 09:30	08/29/24 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*08/28/24 09:30*	*08/29/24 13:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		08/28/24 13:55	08/28/24 22:05	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-03 3'
Lab Sample ID: 885-10624-3
Date Collected: 08/23/24 10:59
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 14:08	08/29/24 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/27/24 14:08*	*08/29/24 05:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 14:08	08/29/24 05:16	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 05:16	1
Toluene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 05:16	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 14:08	08/29/24 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 05:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/28/24 09:30	08/29/24 13:46	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/28/24 09:30	08/29/24 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/28/24 09:30*	*08/29/24 13:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		60		mg/Kg		08/28/24 13:55	08/28/24 22:18	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-04 3'
Lab Sample ID: 885-10624-4
Date Collected: 08/23/24 11:05
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 14:08	08/29/24 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*35 - 166*	*08/27/24 14:08*	*08/29/24 05:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 14:08	08/29/24 05:59	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 14:08	08/29/24 05:59	1
Toluene	ND		0.047		mg/Kg		08/27/24 14:08	08/29/24 05:59	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 14:08	08/29/24 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 05:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**18**		9.0		mg/Kg		08/28/24 09:30	08/29/24 10:11	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/28/24 09:30	08/29/24 10:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*08/28/24 09:30*	*08/29/24 10:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**430**		60		mg/Kg		08/28/24 13:55	08/28/24 22:30	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-05 3'
Lab Sample ID: 885-10624-5
Date Collected: 08/23/24 11:10
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 14:08	08/29/24 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*08/27/24 14:08*	*08/29/24 06:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 14:08	08/29/24 06:21	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 06:21	1
Toluene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 06:21	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 14:08	08/29/24 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 06:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/28/24 09:30	08/29/24 13:58	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/28/24 09:30	08/29/24 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/28/24 09:30*	*08/29/24 13:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		60		mg/Kg		08/28/24 13:55	08/28/24 22:42	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-06 3'
Lab Sample ID: 885-10624-6
Date Collected: 08/23/24 11:17
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 14:08	08/29/24 06:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*08/27/24 14:08*	*08/29/24 06:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 14:08	08/29/24 06:43	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 06:43	1
Toluene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 06:43	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 14:08	08/29/24 06:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 06:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		08/28/24 09:30	08/29/24 10:23	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/28/24 09:30	08/29/24 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/28/24 09:30*	*08/29/24 10:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		60		mg/Kg		08/28/24 13:55	08/28/24 23:19	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-07 3'
Lab Sample ID: 885-10624-7
Date Collected: 08/23/24 11:22
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 14:08	08/29/24 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/27/24 14:08*	*08/29/24 07:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 14:08	08/29/24 07:05	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 07:05	1
Toluene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 07:05	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 14:08	08/29/24 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 07:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.7		mg/Kg		08/28/24 09:30	08/29/24 10:36	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/28/24 09:30	08/29/24 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/28/24 09:30*	*08/29/24 10:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62**		60		mg/Kg		08/28/24 13:55	08/28/24 23:32	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-08 3'
Lab Sample ID: 885-10624-8
Date Collected: 08/23/24 11:25
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 14:08	08/29/24 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*08/27/24 14:08*	*08/29/24 07:26*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 14:08	08/29/24 07:26	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 14:08	08/29/24 07:26	1
Toluene	ND		0.049		mg/Kg		08/27/24 14:08	08/29/24 07:26	1
Xylenes, Total	ND		0.098		mg/Kg		08/27/24 14:08	08/29/24 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 07:26*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/28/24 09:30	08/29/24 10:49	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/28/24 09:30	08/29/24 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/28/24 09:30*	*08/29/24 10:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/28/24 13:55	08/28/24 23:44	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-09 3'
Lab Sample ID: 885-10624-9
Date Collected: 08/23/24 11:30
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6		mg/Kg		08/27/24 14:08	08/29/24 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/27/24 14:08*	*08/29/24 07:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/27/24 14:08	08/29/24 07:48	1
Ethylbenzene	ND		0.046		mg/Kg		08/27/24 14:08	08/29/24 07:48	1
Toluene	ND		0.046		mg/Kg		08/27/24 14:08	08/29/24 07:48	1
Xylenes, Total	ND		0.092		mg/Kg		08/27/24 14:08	08/29/24 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 07:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/28/24 09:30	08/29/24 11:01	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/28/24 09:30	08/29/24 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/28/24 09:30*	*08/29/24 11:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76**		60		mg/Kg		08/28/24 13:55	08/29/24 00:21	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-10 3'
Lab Sample ID: 885-10624-10
Date Collected: 08/23/24 11:54
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 14:08	08/29/24 08:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/27/24 14:08*	*08/29/24 08:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/27/24 14:08	08/29/24 08:10	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 14:08	08/29/24 08:10	1
Toluene	ND		0.047		mg/Kg		08/27/24 14:08	08/29/24 08:10	1
Xylenes, Total	ND		0.093		mg/Kg		08/27/24 14:08	08/29/24 08:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 08:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/28/24 09:30	08/29/24 11:14	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 09:30	08/29/24 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*08/28/24 09:30*	*08/29/24 11:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**440**		60		mg/Kg		08/28/24 13:55	08/29/24 00:33	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-11 3'
Lab Sample ID: 885-10624-11
Date Collected: 08/23/24 12:00
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6		mg/Kg		08/27/24 14:08	08/29/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*08/27/24 14:08*	*08/29/24 15:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/27/24 14:08	08/29/24 15:45	1
Ethylbenzene	ND		0.046		mg/Kg		08/27/24 14:08	08/29/24 15:45	1
Toluene	ND		0.046		mg/Kg		08/27/24 14:08	08/29/24 15:45	1
Xylenes, Total	ND		0.092		mg/Kg		08/27/24 14:08	08/29/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*08/27/24 14:08*	*08/29/24 15:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 09:30	08/29/24 11:27	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 09:30	08/29/24 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/28/24 09:30*	*08/29/24 11:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		60		mg/Kg		08/28/24 13:55	08/29/24 00:46	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-12 3'
Lab Sample ID: 885-10624-12
Date Collected: 08/23/24 12:10
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 14:08	08/29/24 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*35 - 166*	*08/27/24 14:08*	*08/29/24 16:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 14:08	08/29/24 16:06	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 16:06	1
Toluene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 16:06	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 14:08	08/29/24 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*08/27/24 14:08*	*08/29/24 16:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/28/24 09:30	08/29/24 11:39	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/28/24 09:30	08/29/24 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*08/28/24 09:30*	*08/29/24 11:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**500**		60		mg/Kg		08/28/24 13:55	08/29/24 00:58	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-13 3'
Lab Sample ID: 885-10624-13
Date Collected: 08/23/24 12:14
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 14:08	08/29/24 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/27/24 14:08*	*08/29/24 16:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 14:08	08/29/24 16:28	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 16:28	1
Toluene	ND		0.048		mg/Kg		08/27/24 14:08	08/29/24 16:28	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 14:08	08/29/24 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*08/27/24 14:08*	*08/29/24 16:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/28/24 09:30	08/29/24 11:52	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/28/24 09:30	08/29/24 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/28/24 09:30*	*08/29/24 11:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71**		60		mg/Kg		08/28/24 13:55	08/29/24 01:10	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-14 3'
Lab Sample ID: 885-10624-14
Date Collected: 08/23/24 12:17
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 14:08	08/29/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*35 - 166*	*08/27/24 14:08*	*08/29/24 16:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 14:08	08/29/24 16:50	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 16:50	1
Toluene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 16:50	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 14:08	08/29/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/27/24 14:08*	*08/29/24 16:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		08/28/24 09:30	08/29/24 12:04	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/28/24 09:30	08/29/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*08/28/24 09:30*	*08/29/24 12:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61**		60		mg/Kg		08/28/24 13:55	08/29/24 01:48	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-15 3'
Lab Sample ID: 885-10624-15
Date Collected: 08/23/24 12:21
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 14:08	08/29/24 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*35 - 166*	*08/27/24 14:08*	*08/29/24 17:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 14:08	08/29/24 17:34	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 14:08	08/29/24 17:34	1
Toluene	ND		0.047		mg/Kg		08/27/24 14:08	08/29/24 17:34	1
Xylenes, Total	ND		0.094		mg/Kg		08/27/24 14:08	08/29/24 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*48 - 145*	*08/27/24 14:08*	*08/29/24 17:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/28/24 14:10	08/29/24 17:43	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 14:10	08/29/24 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*08/28/24 14:10*	*08/29/24 17:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98**		60		mg/Kg		08/28/24 15:56	08/29/24 18:09	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-16 3'
Lab Sample ID: 885-10624-16
Date Collected: 08/23/24 12:25
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 14:08	08/29/24 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/27/24 14:08*	*08/29/24 17:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/27/24 14:08	08/29/24 17:56	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 14:08	08/29/24 17:56	1
Toluene	ND		0.047		mg/Kg		08/27/24 14:08	08/29/24 17:56	1
Xylenes, Total	ND		0.093		mg/Kg		08/27/24 14:08	08/29/24 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/27/24 14:08*	*08/29/24 17:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/28/24 14:10	08/29/24 17:57	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/28/24 14:10	08/29/24 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*77*		*62 - 134*	*08/28/24 14:10*	*08/29/24 17:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		60		mg/Kg		08/28/24 15:56	08/29/24 18:24	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-17 3'
Lab Sample ID: 885-10624-17
Date Collected: 08/23/24 12:29
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 15:28	08/28/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/27/24 15:28*	*08/28/24 14:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 14:45	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 14:45	1
Toluene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 14:45	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 15:28	08/28/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*08/27/24 15:28*	*08/28/24 14:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		08/28/24 14:10	08/29/24 18:10	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/28/24 14:10	08/29/24 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*75*		*62 - 134*	*08/28/24 14:10*	*08/29/24 18:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		60		mg/Kg		08/28/24 15:56	08/29/24 18:39	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-18 3'
Lab Sample ID: 885-10624-18
Date Collected: 08/23/24 12:33
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 15:28	08/28/24 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*08/27/24 15:28*	*08/28/24 15:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 15:50	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 15:50	1
Toluene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 15:50	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 15:28	08/28/24 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*08/27/24 15:28*	*08/28/24 15:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 14:10	08/29/24 18:24	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 14:10	08/29/24 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*08/28/24 14:10*	*08/29/24 18:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/28/24 15:56	08/29/24 18:54	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-19 3'
Lab Sample ID: 885-10624-19
Date Collected: 08/23/24 12:35
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 15:28	08/28/24 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 15:28*	*08/28/24 16:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 16:56	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 16:56	1
Toluene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 16:56	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 15:28	08/28/24 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*08/27/24 15:28*	*08/28/24 16:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0		mg/Kg		08/28/24 14:10	08/29/24 18:39	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/28/24 14:10	08/29/24 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/28/24 14:10*	*08/29/24 18:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		60		mg/Kg		08/28/24 15:56	08/29/24 19:10	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-20 3'
Lab Sample ID: 885-10624-20
Date Collected: 08/23/24 12:40
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 15:28	08/28/24 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*08/27/24 15:28*	*08/28/24 17:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 17:17	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 17:17	1
Toluene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 17:17	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 15:28	08/28/24 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*08/27/24 15:28*	*08/28/24 17:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		08/28/24 14:10	08/29/24 18:53	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/28/24 14:10	08/29/24 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/28/24 14:10*	*08/29/24 18:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**300**		60		mg/Kg		08/28/24 15:56	08/29/24 19:25	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-21 3'
Lab Sample ID: 885-10624-21
Date Collected: 08/23/24 12:44
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 15:28	08/28/24 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/27/24 15:28*	*08/28/24 17:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 17:39	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 17:39	1
Toluene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 17:39	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 15:28	08/28/24 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/27/24 15:28*	*08/28/24 17:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 14:10	08/29/24 19:07	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 14:10	08/29/24 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*08/28/24 14:10*	*08/29/24 19:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**870**		60		mg/Kg		08/28/24 15:56	08/29/24 19:40	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-22 4'
Lab Sample ID: 885-10624-22
Date Collected: 08/23/24 12:48
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 15:28	08/28/24 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*35 - 166*	*08/27/24 15:28*	*08/28/24 18:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 18:01	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 18:01	1
Toluene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 18:01	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 15:28	08/28/24 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*08/27/24 15:28*	*08/28/24 18:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 14:10	08/29/24 19:35	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 14:10	08/29/24 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*08/28/24 14:10*	*08/29/24 19:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		60		mg/Kg		08/28/24 15:56	08/29/24 20:26	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

Client Sample ID: BS24-23 4'

Date Collected: 08/23/24 12:54
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10624-23

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6		mg/Kg		08/27/24 15:28	08/28/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/27/24 15:28*	*08/28/24 18:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/27/24 15:28	08/28/24 18:23	1
Ethylbenzene	ND		0.046		mg/Kg		08/27/24 15:28	08/28/24 18:23	1
Toluene	ND		0.046		mg/Kg		08/27/24 15:28	08/28/24 18:23	1
Xylenes, Total	ND		0.093		mg/Kg		08/27/24 15:28	08/28/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/27/24 15:28*	*08/28/24 18:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/28/24 14:10	08/29/24 19:48	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/28/24 14:10	08/29/24 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*77*		*62 - 134*	*08/28/24 14:10*	*08/29/24 19:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/28/24 15:56	08/29/24 21:11	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-24 4'
Lab Sample ID: 885-10624-24
Date Collected: 08/23/24 12:59
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 15:28	08/28/24 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*08/27/24 15:28*	*08/28/24 19:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 19:06	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 19:06	1
Toluene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 19:06	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 15:28	08/28/24 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*08/27/24 15:28*	*08/28/24 19:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**11**		9.3		mg/Kg		08/28/24 14:10	08/29/24 20:02	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/28/24 14:10	08/29/24 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*08/28/24 14:10*	*08/29/24 20:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		60		mg/Kg		08/28/24 15:56	08/29/24 21:26	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-25 3'
Lab Sample ID: 885-10624-25
Date Collected: 08/23/24 13:04
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 15:28	08/28/24 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*35 - 166*	*08/27/24 15:28*	*08/28/24 19:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 19:28	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 19:28	1
Toluene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 19:28	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 15:28	08/28/24 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/27/24 15:28*	*08/28/24 19:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/28/24 14:10	08/29/24 20:16	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 14:10	08/29/24 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*08/28/24 14:10*	*08/29/24 20:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**330**		60		mg/Kg		08/28/24 15:56	08/29/24 21:41	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-26 3'
Lab Sample ID: 885-10624-26
Date Collected: 08/23/24 13:08
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 15:28	08/28/24 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 15:28*	*08/28/24 19:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 19:50	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 19:50	1
Toluene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 19:50	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 15:28	08/28/24 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/27/24 15:28*	*08/28/24 19:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/28/24 14:10	08/29/24 20:30	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 14:10	08/29/24 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/28/24 14:10*	*08/29/24 20:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90**		60		mg/Kg		08/28/24 15:56	08/29/24 21:56	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-27 4'
Lab Sample ID: 885-10624-27
Date Collected: 08/23/24 13:14
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 15:28	08/28/24 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 15:28*	*08/28/24 20:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 20:11	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 20:11	1
Toluene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 20:11	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 15:28	08/28/24 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/27/24 15:28*	*08/28/24 20:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/29/24 12:50	08/29/24 18:29	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/29/24 12:50	08/29/24 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/29/24 12:50*	*08/29/24 18:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90**		60		mg/Kg		08/29/24 13:59	08/29/24 16:38	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-28 4'
Lab Sample ID: 885-10624-28
Date Collected: 08/23/24 13:19
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 15:28	08/28/24 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 15:28*	*08/28/24 20:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 20:33	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 20:33	1
Toluene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 20:33	1
Xylenes, Total	ND		0.098		mg/Kg		08/27/24 15:28	08/28/24 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*08/27/24 15:28*	*08/28/24 20:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		08/29/24 12:50	08/29/24 18:41	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/29/24 12:50	08/29/24 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/29/24 12:50*	*08/29/24 18:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		60		mg/Kg		08/29/24 13:59	08/29/24 17:24	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

Client Sample ID: BS24-29 4'

Date Collected: 08/23/24 13:24
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10624-29

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 15:28	08/28/24 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 15:28*	*08/28/24 21:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 21:17	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 21:17	1
Toluene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 21:17	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 15:28	08/28/24 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*08/27/24 15:28*	*08/28/24 21:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/29/24 12:50	08/29/24 18:52	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/29/24 12:50	08/29/24 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/29/24 12:50*	*08/29/24 18:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		60		mg/Kg		08/29/24 13:59	08/29/24 17:39	20

Client Sample Results

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-30 4'
Lab Sample ID: 885-10624-30
Date Collected: 08/23/24 13:29
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 15:28	08/28/24 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*35 - 166*	*08/27/24 15:28*	*08/28/24 21:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 21:38	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 21:38	1
Toluene	ND		0.048		mg/Kg		08/27/24 15:28	08/28/24 21:38	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 15:28	08/28/24 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*08/27/24 15:28*	*08/28/24 21:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/29/24 12:50	08/29/24 19:15	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/29/24 12:50	08/29/24 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/29/24 12:50*	*08/29/24 19:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/29/24 13:59	08/29/24 17:54	20

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

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

Lab Sample ID: MB 885-11123/1-A
Matrix: Solid
Analysis Batch: 11306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11123

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 14:08	08/29/24 01:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*08/27/24 14:08*	*08/29/24 01:16*	*1*

Lab Sample ID: LCS 885-11123/2-A
Matrix: Solid
Analysis Batch: 11306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11123

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	27.6		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*216*		*35 - 166*

Lab Sample ID: MB 885-11132/1-A
Matrix: Solid
Analysis Batch: 11303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11132

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 15:28	08/28/24 14:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/27/24 15:28*	*08/28/24 14:23*	*1*

Lab Sample ID: LCS 885-11132/2-A
Matrix: Solid
Analysis Batch: 11303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11132

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	25.8		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*209*		*35 - 166*

Lab Sample ID: 885-10624-17 MS
Matrix: Solid
Analysis Batch: 11303

Client Sample ID: BS24-17 3'
Prep Type: Total/NA
Prep Batch: 11132

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		25.0	28.2		mg/Kg		113	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*233*		*35 - 166*

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

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

Lab Sample ID: 885-10624-17 MSD
Matrix: Solid
Analysis Batch: 11303

Client Sample ID: BS24-17 3'
Prep Type: Total/NA
Prep Batch: 11132

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		25.0	29.9		mg/Kg		120	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*234*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-11123/1-A
Matrix: Solid
Analysis Batch: 11307

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11123

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 14:08	08/29/24 01:16	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 01:16	1
Toluene	ND		0.050		mg/Kg		08/27/24 14:08	08/29/24 01:16	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 14:08	08/29/24 01:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)				*08/27/24 14:08*	*08/29/24 01:16*	*1*

Lab Sample ID: LCS 885-11123/3-A
Matrix: Solid
Analysis Batch: 11307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11123

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.03		mg/Kg		103	70 - 130		
Ethylbenzene			1.00	1.02		mg/Kg		102	70 - 130		
Toluene			1.00	1.02		mg/Kg		102	70 - 130		
m,p-Xylene			2.00	2.03		mg/Kg		101	70 - 130		
o-Xylene			1.00	1.00		mg/Kg		100	70 - 130		

Lab Sample ID: MB 885-11132/1-A
Matrix: Solid
Analysis Batch: 11304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11132

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 14:23	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 14:23	1
Toluene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 14:23	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 15:28	08/28/24 14:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*08/27/24 15:28*	*08/28/24 14:23*	*1*

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

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

Lab Sample ID: LCS 885-11132/3-A
Matrix: Solid
Analysis Batch: 11304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11132

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.02		mg/Kg		102	70 - 130		
Ethylbenzene			1.00	1.02		mg/Kg		102	70 - 130		
Toluene			1.00	1.03		mg/Kg		103	70 - 130		
m,p-Xylene			2.00	2.02		mg/Kg		101	70 - 130		
o-Xylene			1.00	1.01		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*

Lab Sample ID: 885-10624-18 MS
Matrix: Solid
Analysis Batch: 11304

Client Sample ID: BS24-18 3'
Prep Type: Total/NA
Prep Batch: 11132

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.995	1.15		mg/Kg		115	70 - 130		
Ethylbenzene	ND		0.995	1.18		mg/Kg		119	70 - 130		
Toluene	ND		0.995	1.17		mg/Kg		118	70 - 130		
m,p-Xylene	ND		1.99	2.33		mg/Kg		117	70 - 130		
o-Xylene	ND		0.995	1.16		mg/Kg		117	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*

Lab Sample ID: 885-10624-18 MSD
Matrix: Solid
Analysis Batch: 11304

Client Sample ID: BS24-18 3'
Prep Type: Total/NA
Prep Batch: 11132

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.991	1.16		mg/Kg		117	70 - 130	1	20
Ethylbenzene	ND		0.991	1.20		mg/Kg		121	70 - 130	1	20
Toluene	ND		0.991	1.17		mg/Kg		118	70 - 130	0	20
m,p-Xylene	ND		1.98	2.38		mg/Kg		120	70 - 130	2	20
o-Xylene	ND		0.991	1.18		mg/Kg		119	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*48 - 145*

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

Lab Sample ID: 885-10624-14 MS
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: BS24-14 3'
Prep Type: Total/NA
Prep Batch: 11173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		45.5	50.4		mg/Kg		111	44 - 136		

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

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

Lab Sample ID: 885-10624-14 MS
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: BS24-14 3'
Prep Type: Total/NA
Prep Batch: 11173

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*

Lab Sample ID: 885-10624-14 MSD
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: BS24-14 3'
Prep Type: Total/NA
Prep Batch: 11173

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		45.1	53.0		mg/Kg		118	44 - 136	5	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*

Lab Sample ID: MB 885-11224/1-A
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11224

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/28/24 14:10	08/29/24 15:18	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 14:10	08/29/24 15:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*08/28/24 14:10*	*08/29/24 15:18*	*1*

Lab Sample ID: LCS 885-11224/2-A
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11224

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	51.1		mg/Kg		102	60 - 135		

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

Lab Sample ID: 885-10624-26 MS
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: BS24-26 3'
Prep Type: Total/NA
Prep Batch: 11224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		49.6	38.6		mg/Kg		78	44 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*73*		*62 - 134*

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

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

Lab Sample ID: 885-10624-26 MSD
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: BS24-26 3'
Prep Type: Total/NA
Prep Batch: 11224

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		48.4	48.6		mg/Kg		100	44 - 136	23	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*

Lab Sample ID: MB 885-11342/1-A
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11342

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/29/24 12:50	08/29/24 16:10	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/29/24 12:50	08/29/24 16:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/29/24 12:50*	*08/29/24 16:10*	*1*

Lab Sample ID: LCS 885-11342/2-A
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11342

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	45.7		mg/Kg		91	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*

Lab Sample ID: 885-10624-30 MS
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: BS24-30 4'
Prep Type: Total/NA
Prep Batch: 11342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		46.6	43.0		mg/Kg		92	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*

Lab Sample ID: 885-10624-30 MSD
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: BS24-30 4'
Prep Type: Total/NA
Prep Batch: 11342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		47.1	44.4		mg/Kg		94	44 - 136	3	32

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

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

Lab Sample ID: 885-10624-30 MSD
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: BS24-30 4'
Prep Type: Total/NA
Prep Batch: 11342

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-11222/1-A
Matrix: Solid
Analysis Batch: 11289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11222

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/28/24 13:55	08/28/24 20:02	1

Lab Sample ID: LCS 885-11222/2-A
Matrix: Solid
Analysis Batch: 11289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11222

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.2		mg/Kg		94	90 - 110		

Lab Sample ID: MB 885-11230/1-A
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11230

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/28/24 15:56	08/29/24 09:04	1

Lab Sample ID: LCS 885-11230/2-A
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11230

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	31.0		mg/Kg		103	90 - 110		

Lab Sample ID: 885-10624-22 MS
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: BS24-22 4'
Prep Type: Total/NA
Prep Batch: 11230

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	140		30.1	205	4	mg/Kg		221	50 - 150		

Lab Sample ID: 885-10624-22 MSD
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: BS24-22 4'
Prep Type: Total/NA
Prep Batch: 11230

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		30.1	186	4	mg/Kg		156	50 - 150	10	20

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-11289/6
Matrix: Solid
Analysis Batch: 11289

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/28/24 08:48	1

Lab Sample ID: MRL 885-11289/5
Matrix: Solid
Analysis Batch: 11289

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.519		mg/L		104	50 - 150		

Lab Sample ID: MB 885-11305/1-A
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11305

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/29/24 10:22	08/29/24 11:20	1

Lab Sample ID: LCS 885-11305/2-A
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11305

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	30.2		mg/Kg		101	90 - 110		

QC Association Summary

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

GC VOA

Prep Batch: 11123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-1	BS24-01 3'	Total/NA	Solid	5030C	
885-10624-2	BS24-02 3'	Total/NA	Solid	5030C	
885-10624-3	BS24-03 3'	Total/NA	Solid	5030C	
885-10624-4	BS24-04 3'	Total/NA	Solid	5030C	
885-10624-5	BS24-05 3'	Total/NA	Solid	5030C	
885-10624-6	BS24-06 3'	Total/NA	Solid	5030C	
885-10624-7	BS24-07 3'	Total/NA	Solid	5030C	
885-10624-8	BS24-08 3'	Total/NA	Solid	5030C	
885-10624-9	BS24-09 3'	Total/NA	Solid	5030C	
885-10624-10	BS24-10 3'	Total/NA	Solid	5030C	
885-10624-11	BS24-11 3'	Total/NA	Solid	5030C	
885-10624-12	BS24-12 3'	Total/NA	Solid	5030C	
885-10624-13	BS24-13 3'	Total/NA	Solid	5030C	
885-10624-14	BS24-14 3'	Total/NA	Solid	5030C	
885-10624-15	BS24-15 3'	Total/NA	Solid	5030C	
885-10624-16	BS24-16 3'	Total/NA	Solid	5030C	
MB 885-11123/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-11123/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-11123/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 11132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-17	BS24-17 3'	Total/NA	Solid	5030C	
885-10624-18	BS24-18 3'	Total/NA	Solid	5030C	
885-10624-19	BS24-19 3'	Total/NA	Solid	5030C	
885-10624-20	BS24-20 3'	Total/NA	Solid	5030C	
885-10624-21	BS24-21 3'	Total/NA	Solid	5030C	
885-10624-22	BS24-22 4'	Total/NA	Solid	5030C	
885-10624-23	BS24-23 4'	Total/NA	Solid	5030C	
885-10624-24	BS24-24 4'	Total/NA	Solid	5030C	
885-10624-25	BS24-25 3'	Total/NA	Solid	5030C	
885-10624-26	BS24-26 3'	Total/NA	Solid	5030C	
885-10624-27	BS24-27 4'	Total/NA	Solid	5030C	
885-10624-28	BS24-28 4'	Total/NA	Solid	5030C	
885-10624-29	BS24-29 4'	Total/NA	Solid	5030C	
885-10624-30	BS24-30 4'	Total/NA	Solid	5030C	
MB 885-11132/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-11132/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-11132/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-10624-17 MS	BS24-17 3'	Total/NA	Solid	5030C	
885-10624-17 MSD	BS24-17 3'	Total/NA	Solid	5030C	
885-10624-18 MS	BS24-18 3'	Total/NA	Solid	5030C	
885-10624-18 MSD	BS24-18 3'	Total/NA	Solid	5030C	

Analysis Batch: 11303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-17	BS24-17 3'	Total/NA	Solid	8015M/D	11132
885-10624-18	BS24-18 3'	Total/NA	Solid	8015M/D	11132
885-10624-19	BS24-19 3'	Total/NA	Solid	8015M/D	11132
885-10624-20	BS24-20 3'	Total/NA	Solid	8015M/D	11132
885-10624-21	BS24-21 3'	Total/NA	Solid	8015M/D	11132

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

GC VOA (Continued)

Analysis Batch: 11303 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-22	BS24-22 4'	Total/NA	Solid	8015M/D	11132
885-10624-23	BS24-23 4'	Total/NA	Solid	8015M/D	11132
885-10624-24	BS24-24 4'	Total/NA	Solid	8015M/D	11132
885-10624-25	BS24-25 3'	Total/NA	Solid	8015M/D	11132
885-10624-26	BS24-26 3'	Total/NA	Solid	8015M/D	11132
885-10624-27	BS24-27 4'	Total/NA	Solid	8015M/D	11132
885-10624-28	BS24-28 4'	Total/NA	Solid	8015M/D	11132
885-10624-29	BS24-29 4'	Total/NA	Solid	8015M/D	11132
885-10624-30	BS24-30 4'	Total/NA	Solid	8015M/D	11132
MB 885-11132/1-A	Method Blank	Total/NA	Solid	8015M/D	11132
LCS 885-11132/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11132
885-10624-17 MS	BS24-17 3'	Total/NA	Solid	8015M/D	11132
885-10624-17 MSD	BS24-17 3'	Total/NA	Solid	8015M/D	11132

Analysis Batch: 11304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-17	BS24-17 3'	Total/NA	Solid	8021B	11132
885-10624-18	BS24-18 3'	Total/NA	Solid	8021B	11132
885-10624-19	BS24-19 3'	Total/NA	Solid	8021B	11132
885-10624-20	BS24-20 3'	Total/NA	Solid	8021B	11132
885-10624-21	BS24-21 3'	Total/NA	Solid	8021B	11132
885-10624-22	BS24-22 4'	Total/NA	Solid	8021B	11132
885-10624-23	BS24-23 4'	Total/NA	Solid	8021B	11132
885-10624-24	BS24-24 4'	Total/NA	Solid	8021B	11132
885-10624-25	BS24-25 3'	Total/NA	Solid	8021B	11132
885-10624-26	BS24-26 3'	Total/NA	Solid	8021B	11132
885-10624-27	BS24-27 4'	Total/NA	Solid	8021B	11132
885-10624-28	BS24-28 4'	Total/NA	Solid	8021B	11132
885-10624-29	BS24-29 4'	Total/NA	Solid	8021B	11132
885-10624-30	BS24-30 4'	Total/NA	Solid	8021B	11132
MB 885-11132/1-A	Method Blank	Total/NA	Solid	8021B	11132
LCS 885-11132/3-A	Lab Control Sample	Total/NA	Solid	8021B	11132
885-10624-18 MS	BS24-18 3'	Total/NA	Solid	8021B	11132
885-10624-18 MSD	BS24-18 3'	Total/NA	Solid	8021B	11132

Analysis Batch: 11306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-1	BS24-01 3'	Total/NA	Solid	8015M/D	11123
885-10624-2	BS24-02 3'	Total/NA	Solid	8015M/D	11123
885-10624-3	BS24-03 3'	Total/NA	Solid	8015M/D	11123
885-10624-4	BS24-04 3'	Total/NA	Solid	8015M/D	11123
885-10624-5	BS24-05 3'	Total/NA	Solid	8015M/D	11123
885-10624-6	BS24-06 3'	Total/NA	Solid	8015M/D	11123
885-10624-7	BS24-07 3'	Total/NA	Solid	8015M/D	11123
885-10624-8	BS24-08 3'	Total/NA	Solid	8015M/D	11123
885-10624-9	BS24-09 3'	Total/NA	Solid	8015M/D	11123
885-10624-10	BS24-10 3'	Total/NA	Solid	8015M/D	11123
MB 885-11123/1-A	Method Blank	Total/NA	Solid	8015M/D	11123
LCS 885-11123/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11123

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

GC VOA

Analysis Batch: 11307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-1	BS24-01 3'	Total/NA	Solid	8021B	11123
885-10624-2	BS24-02 3'	Total/NA	Solid	8021B	11123
885-10624-3	BS24-03 3'	Total/NA	Solid	8021B	11123
885-10624-4	BS24-04 3'	Total/NA	Solid	8021B	11123
885-10624-5	BS24-05 3'	Total/NA	Solid	8021B	11123
885-10624-6	BS24-06 3'	Total/NA	Solid	8021B	11123
885-10624-7	BS24-07 3'	Total/NA	Solid	8021B	11123
885-10624-8	BS24-08 3'	Total/NA	Solid	8021B	11123
885-10624-9	BS24-09 3'	Total/NA	Solid	8021B	11123
885-10624-10	BS24-10 3'	Total/NA	Solid	8021B	11123
MB 885-11123/1-A	Method Blank	Total/NA	Solid	8021B	11123
LCS 885-11123/3-A	Lab Control Sample	Total/NA	Solid	8021B	11123

Analysis Batch: 11389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-11	BS24-11 3'	Total/NA	Solid	8015M/D	11123
885-10624-12	BS24-12 3'	Total/NA	Solid	8015M/D	11123
885-10624-13	BS24-13 3'	Total/NA	Solid	8015M/D	11123
885-10624-14	BS24-14 3'	Total/NA	Solid	8015M/D	11123
885-10624-15	BS24-15 3'	Total/NA	Solid	8015M/D	11123
885-10624-16	BS24-16 3'	Total/NA	Solid	8015M/D	11123

Analysis Batch: 11391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-11	BS24-11 3'	Total/NA	Solid	8021B	11123
885-10624-12	BS24-12 3'	Total/NA	Solid	8021B	11123
885-10624-13	BS24-13 3'	Total/NA	Solid	8021B	11123
885-10624-14	BS24-14 3'	Total/NA	Solid	8021B	11123
885-10624-15	BS24-15 3'	Total/NA	Solid	8021B	11123
885-10624-16	BS24-16 3'	Total/NA	Solid	8021B	11123

GC Semi VOA

Prep Batch: 11173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-1	BS24-01 3'	Total/NA	Solid	SHAKE	
885-10624-2	BS24-02 3'	Total/NA	Solid	SHAKE	
885-10624-3	BS24-03 3'	Total/NA	Solid	SHAKE	
885-10624-4	BS24-04 3'	Total/NA	Solid	SHAKE	
885-10624-5	BS24-05 3'	Total/NA	Solid	SHAKE	
885-10624-6	BS24-06 3'	Total/NA	Solid	SHAKE	
885-10624-7	BS24-07 3'	Total/NA	Solid	SHAKE	
885-10624-8	BS24-08 3'	Total/NA	Solid	SHAKE	
885-10624-9	BS24-09 3'	Total/NA	Solid	SHAKE	
885-10624-10	BS24-10 3'	Total/NA	Solid	SHAKE	
885-10624-11	BS24-11 3'	Total/NA	Solid	SHAKE	
885-10624-12	BS24-12 3'	Total/NA	Solid	SHAKE	
885-10624-13	BS24-13 3'	Total/NA	Solid	SHAKE	
885-10624-14	BS24-14 3'	Total/NA	Solid	SHAKE	
885-10624-14 MS	BS24-14 3'	Total/NA	Solid	SHAKE	
885-10624-14 MSD	BS24-14 3'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10624-1

GC Semi VOA

Prep Batch: 11224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-15	BS24-15 3'	Total/NA	Solid	SHAKE	
885-10624-16	BS24-16 3'	Total/NA	Solid	SHAKE	
885-10624-17	BS24-17 3'	Total/NA	Solid	SHAKE	
885-10624-18	BS24-18 3'	Total/NA	Solid	SHAKE	
885-10624-19	BS24-19 3'	Total/NA	Solid	SHAKE	
885-10624-20	BS24-20 3'	Total/NA	Solid	SHAKE	
885-10624-21	BS24-21 3'	Total/NA	Solid	SHAKE	
885-10624-22	BS24-22 4'	Total/NA	Solid	SHAKE	
885-10624-23	BS24-23 4'	Total/NA	Solid	SHAKE	
885-10624-24	BS24-24 4'	Total/NA	Solid	SHAKE	
885-10624-25	BS24-25 3'	Total/NA	Solid	SHAKE	
885-10624-26	BS24-26 3'	Total/NA	Solid	SHAKE	
MB 885-11224/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11224/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10624-26 MS	BS24-26 3'	Total/NA	Solid	SHAKE	
885-10624-26 MSD	BS24-26 3'	Total/NA	Solid	SHAKE	

Analysis Batch: 11296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-1	BS24-01 3'	Total/NA	Solid	8015M/D	11173
885-10624-2	BS24-02 3'	Total/NA	Solid	8015M/D	11173
885-10624-3	BS24-03 3'	Total/NA	Solid	8015M/D	11173
885-10624-4	BS24-04 3'	Total/NA	Solid	8015M/D	11173
885-10624-5	BS24-05 3'	Total/NA	Solid	8015M/D	11173
885-10624-6	BS24-06 3'	Total/NA	Solid	8015M/D	11173
885-10624-7	BS24-07 3'	Total/NA	Solid	8015M/D	11173
885-10624-8	BS24-08 3'	Total/NA	Solid	8015M/D	11173
885-10624-9	BS24-09 3'	Total/NA	Solid	8015M/D	11173
885-10624-10	BS24-10 3'	Total/NA	Solid	8015M/D	11173
885-10624-11	BS24-11 3'	Total/NA	Solid	8015M/D	11173
885-10624-12	BS24-12 3'	Total/NA	Solid	8015M/D	11173
885-10624-13	BS24-13 3'	Total/NA	Solid	8015M/D	11173
885-10624-14	BS24-14 3'	Total/NA	Solid	8015M/D	11173
885-10624-15	BS24-15 3'	Total/NA	Solid	8015M/D	11224
885-10624-16	BS24-16 3'	Total/NA	Solid	8015M/D	11224
885-10624-17	BS24-17 3'	Total/NA	Solid	8015M/D	11224
885-10624-18	BS24-18 3'	Total/NA	Solid	8015M/D	11224
885-10624-19	BS24-19 3'	Total/NA	Solid	8015M/D	11224
885-10624-20	BS24-20 3'	Total/NA	Solid	8015M/D	11224
885-10624-21	BS24-21 3'	Total/NA	Solid	8015M/D	11224
885-10624-22	BS24-22 4'	Total/NA	Solid	8015M/D	11224
885-10624-23	BS24-23 4'	Total/NA	Solid	8015M/D	11224
885-10624-24	BS24-24 4'	Total/NA	Solid	8015M/D	11224
885-10624-25	BS24-25 3'	Total/NA	Solid	8015M/D	11224
885-10624-26	BS24-26 3'	Total/NA	Solid	8015M/D	11224
MB 885-11224/1-A	Method Blank	Total/NA	Solid	8015M/D	11224
LCS 885-11224/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11224
885-10624-14 MS	BS24-14 3'	Total/NA	Solid	8015M/D	11173
885-10624-14 MSD	BS24-14 3'	Total/NA	Solid	8015M/D	11173
885-10624-26 MS	BS24-26 3'	Total/NA	Solid	8015M/D	11224
885-10624-26 MSD	BS24-26 3'	Total/NA	Solid	8015M/D	11224

QC Association Summary

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

GC Semi VOA

Analysis Batch: 11297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-27	BS24-27 4'	Total/NA	Solid	8015M/D	11342
885-10624-28	BS24-28 4'	Total/NA	Solid	8015M/D	11342
885-10624-29	BS24-29 4'	Total/NA	Solid	8015M/D	11342
885-10624-30	BS24-30 4'	Total/NA	Solid	8015M/D	11342
MB 885-11342/1-A	Method Blank	Total/NA	Solid	8015M/D	11342
LCS 885-11342/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11342
885-10624-30 MS	BS24-30 4'	Total/NA	Solid	8015M/D	11342
885-10624-30 MSD	BS24-30 4'	Total/NA	Solid	8015M/D	11342

Prep Batch: 11342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-27	BS24-27 4'	Total/NA	Solid	SHAKE	
885-10624-28	BS24-28 4'	Total/NA	Solid	SHAKE	
885-10624-29	BS24-29 4'	Total/NA	Solid	SHAKE	
885-10624-30	BS24-30 4'	Total/NA	Solid	SHAKE	
MB 885-11342/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11342/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10624-30 MS	BS24-30 4'	Total/NA	Solid	SHAKE	
885-10624-30 MSD	BS24-30 4'	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 11222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-1	BS24-01 3'	Total/NA	Solid	300_Prep	
885-10624-2	BS24-02 3'	Total/NA	Solid	300_Prep	
885-10624-3	BS24-03 3'	Total/NA	Solid	300_Prep	
885-10624-4	BS24-04 3'	Total/NA	Solid	300_Prep	
885-10624-5	BS24-05 3'	Total/NA	Solid	300_Prep	
885-10624-6	BS24-06 3'	Total/NA	Solid	300_Prep	
885-10624-7	BS24-07 3'	Total/NA	Solid	300_Prep	
885-10624-8	BS24-08 3'	Total/NA	Solid	300_Prep	
885-10624-9	BS24-09 3'	Total/NA	Solid	300_Prep	
885-10624-10	BS24-10 3'	Total/NA	Solid	300_Prep	
885-10624-11	BS24-11 3'	Total/NA	Solid	300_Prep	
885-10624-12	BS24-12 3'	Total/NA	Solid	300_Prep	
885-10624-13	BS24-13 3'	Total/NA	Solid	300_Prep	
885-10624-14	BS24-14 3'	Total/NA	Solid	300_Prep	
MB 885-11222/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11222/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 11230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-15	BS24-15 3'	Total/NA	Solid	300_Prep	
885-10624-16	BS24-16 3'	Total/NA	Solid	300_Prep	
885-10624-17	BS24-17 3'	Total/NA	Solid	300_Prep	
885-10624-18	BS24-18 3'	Total/NA	Solid	300_Prep	
885-10624-19	BS24-19 3'	Total/NA	Solid	300_Prep	
885-10624-20	BS24-20 3'	Total/NA	Solid	300_Prep	
885-10624-21	BS24-21 3'	Total/NA	Solid	300_Prep	
885-10624-22	BS24-22 4'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

HPLC/IC (Continued)

Prep Batch: 11230 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-23	BS24-23 4'	Total/NA	Solid	300_Prep	
885-10624-24	BS24-24 4'	Total/NA	Solid	300_Prep	
885-10624-25	BS24-25 3'	Total/NA	Solid	300_Prep	
885-10624-26	BS24-26 3'	Total/NA	Solid	300_Prep	
MB 885-11230/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11230/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-10624-22 MS	BS24-22 4'	Total/NA	Solid	300_Prep	
885-10624-22 MSD	BS24-22 4'	Total/NA	Solid	300_Prep	

Analysis Batch: 11289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-1	BS24-01 3'	Total/NA	Solid	300.0	11222
885-10624-2	BS24-02 3'	Total/NA	Solid	300.0	11222
885-10624-3	BS24-03 3'	Total/NA	Solid	300.0	11222
885-10624-4	BS24-04 3'	Total/NA	Solid	300.0	11222
885-10624-5	BS24-05 3'	Total/NA	Solid	300.0	11222
885-10624-6	BS24-06 3'	Total/NA	Solid	300.0	11222
885-10624-7	BS24-07 3'	Total/NA	Solid	300.0	11222
885-10624-8	BS24-08 3'	Total/NA	Solid	300.0	11222
885-10624-9	BS24-09 3'	Total/NA	Solid	300.0	11222
885-10624-10	BS24-10 3'	Total/NA	Solid	300.0	11222
885-10624-11	BS24-11 3'	Total/NA	Solid	300.0	11222
885-10624-12	BS24-12 3'	Total/NA	Solid	300.0	11222
885-10624-13	BS24-13 3'	Total/NA	Solid	300.0	11222
885-10624-14	BS24-14 3'	Total/NA	Solid	300.0	11222
MB 885-11222/1-A	Method Blank	Total/NA	Solid	300.0	11222
MB 885-11289/6	Method Blank	Total/NA	Solid	300.0	
LCS 885-11222/2-A	Lab Control Sample	Total/NA	Solid	300.0	11222
MRL 885-11289/5	Lab Control Sample	Total/NA	Solid	300.0	

Prep Batch: 11305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-27	BS24-27 4'	Total/NA	Solid	300_Prep	
885-10624-28	BS24-28 4'	Total/NA	Solid	300_Prep	
885-10624-29	BS24-29 4'	Total/NA	Solid	300_Prep	
885-10624-30	BS24-30 4'	Total/NA	Solid	300_Prep	
MB 885-11305/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11305/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 11427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-15	BS24-15 3'	Total/NA	Solid	300.0	11230
885-10624-16	BS24-16 3'	Total/NA	Solid	300.0	11230
885-10624-17	BS24-17 3'	Total/NA	Solid	300.0	11230
885-10624-18	BS24-18 3'	Total/NA	Solid	300.0	11230
885-10624-19	BS24-19 3'	Total/NA	Solid	300.0	11230
885-10624-20	BS24-20 3'	Total/NA	Solid	300.0	11230
885-10624-21	BS24-21 3'	Total/NA	Solid	300.0	11230
885-10624-22	BS24-22 4'	Total/NA	Solid	300.0	11230
885-10624-23	BS24-23 4'	Total/NA	Solid	300.0	11230
885-10624-24	BS24-24 4'	Total/NA	Solid	300.0	11230

QC Association Summary

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

HPLC/IC (Continued)

Analysis Batch: 11427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10624-25	BS24-25 3'	Total/NA	Solid	300.0	11230
885-10624-26	BS24-26 3'	Total/NA	Solid	300.0	11230
885-10624-27	BS24-27 4'	Total/NA	Solid	300.0	11305
885-10624-28	BS24-28 4'	Total/NA	Solid	300.0	11305
885-10624-29	BS24-29 4'	Total/NA	Solid	300.0	11305
885-10624-30	BS24-30 4'	Total/NA	Solid	300.0	11305
MB 885-11230/1-A	Method Blank	Total/NA	Solid	300.0	11230
MB 885-11305/1-A	Method Blank	Total/NA	Solid	300.0	11305
LCS 885-11230/2-A	Lab Control Sample	Total/NA	Solid	300.0	11230
LCS 885-11305/2-A	Lab Control Sample	Total/NA	Solid	300.0	11305
885-10624-22 MS	BS24-22 4'	Total/NA	Solid	300.0	11230
885-10624-22 MSD	BS24-22 4'	Total/NA	Solid	300.0	11230

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-01 3'
Lab Sample ID: 885-10624-1
Date Collected: 08/23/24 10:47
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 04:32
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 04:32
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 13:20
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 21:53

Client Sample ID: BS24-02 3'
Lab Sample ID: 885-10624-2
Date Collected: 08/23/24 10:54
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 04:54
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 04:54
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 13:33
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 22:05

Client Sample ID: BS24-03 3'
Lab Sample ID: 885-10624-3
Date Collected: 08/23/24 10:59
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 05:16
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 05:16
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 13:46
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 22:18

Client Sample ID: BS24-04 3'
Lab Sample ID: 885-10624-4
Date Collected: 08/23/24 11:05
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 05:59

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-04 3'
Lab Sample ID: 885-10624-4
Date Collected: 08/23/24 11:05
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 05:59
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 10:11
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 22:30

Client Sample ID: BS24-05 3'
Lab Sample ID: 885-10624-5
Date Collected: 08/23/24 11:10
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 06:21
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 06:21
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 13:58
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 22:42

Client Sample ID: BS24-06 3'
Lab Sample ID: 885-10624-6
Date Collected: 08/23/24 11:17
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 06:43
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 06:43
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 10:23
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 23:19

Client Sample ID: BS24-07 3'
Lab Sample ID: 885-10624-7
Date Collected: 08/23/24 11:22
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 07:05
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 07:05

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-07 3'
Lab Sample ID: 885-10624-7
Date Collected: 08/23/24 11:22
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 10:36
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 23:32

Client Sample ID: BS24-08 3'
Lab Sample ID: 885-10624-8
Date Collected: 08/23/24 11:25
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 07:26
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 07:26
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 10:49
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 23:44

Client Sample ID: BS24-09 3'
Lab Sample ID: 885-10624-9
Date Collected: 08/23/24 11:30
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 07:48
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 07:48
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 11:01
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 00:21

Client Sample ID: BS24-10 3'
Lab Sample ID: 885-10624-10
Date Collected: 08/23/24 11:54
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11306	AT	EET ALB	08/29/24 08:10
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11307	AT	EET ALB	08/29/24 08:10
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 11:14

Lab Chronicle

Client: Vertex Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-10 3' Lab Sample ID: 885-10624-10

Date Collected: 08/23/24 11:54 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 00:33

Client Sample ID: BS24-11 3' Lab Sample ID: 885-10624-11

Date Collected: 08/23/24 12:00 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11389	AT	EET ALB	08/29/24 15:45
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11391	AT	EET ALB	08/29/24 15:45
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 11:27
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 00:46

Client Sample ID: BS24-12 3' Lab Sample ID: 885-10624-12

Date Collected: 08/23/24 12:10 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11389	AT	EET ALB	08/29/24 16:06
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11391	AT	EET ALB	08/29/24 16:06
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 11:39
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 00:58

Client Sample ID: BS24-13 3' Lab Sample ID: 885-10624-13

Date Collected: 08/23/24 12:14 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11389	AT	EET ALB	08/29/24 16:28
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11391	AT	EET ALB	08/29/24 16:28
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 11:52
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 01:10

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-14 3'
Lab Sample ID: 885-10624-14
Date Collected: 08/23/24 12:17
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11389	AT	EET ALB	08/29/24 16:50
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11391	AT	EET ALB	08/29/24 16:50
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 12:04
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 01:48

Client Sample ID: BS24-15 3'
Lab Sample ID: 885-10624-15
Date Collected: 08/23/24 12:21
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11389	AT	EET ALB	08/29/24 17:34
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11391	AT	EET ALB	08/29/24 17:34
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 17:43
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 18:09

Client Sample ID: BS24-16 3'
Lab Sample ID: 885-10624-16
Date Collected: 08/23/24 12:25
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8015M/D		1	11389	AT	EET ALB	08/29/24 17:56
Total/NA	Prep	5030C			11123	JR	EET ALB	08/27/24 14:08
Total/NA	Analysis	8021B		1	11391	AT	EET ALB	08/29/24 17:56
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 17:57
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 18:24

Client Sample ID: BS24-17 3'
Lab Sample ID: 885-10624-17
Date Collected: 08/23/24 12:29
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 14:45

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-17 3'
Lab Sample ID: 885-10624-17
Date Collected: 08/23/24 12:29
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 14:45
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 18:10
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 18:39

Client Sample ID: BS24-18 3'
Lab Sample ID: 885-10624-18
Date Collected: 08/23/24 12:33
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 15:50
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 15:50
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 18:24
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 18:54

Client Sample ID: BS24-19 3'
Lab Sample ID: 885-10624-19
Date Collected: 08/23/24 12:35
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 16:56
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 16:56
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 18:39
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 19:10

Client Sample ID: BS24-20 3'
Lab Sample ID: 885-10624-20
Date Collected: 08/23/24 12:40
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 17:17
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 17:17

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-20 3'
Lab Sample ID: 885-10624-20
Date Collected: 08/23/24 12:40
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 18:53
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 19:25

Client Sample ID: BS24-21 3'
Lab Sample ID: 885-10624-21
Date Collected: 08/23/24 12:44
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 17:39
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 17:39
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 19:07
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 19:40

Client Sample ID: BS24-22 4'
Lab Sample ID: 885-10624-22
Date Collected: 08/23/24 12:48
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 18:01
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 18:01
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 19:35
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 20:26

Client Sample ID: BS24-23 4'
Lab Sample ID: 885-10624-23
Date Collected: 08/23/24 12:54
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 18:23
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 18:23
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 19:48

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-23 4'
Lab Sample ID: 885-10624-23
Date Collected: 08/23/24 12:54
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 21:11

Client Sample ID: BS24-24 4'
Lab Sample ID: 885-10624-24
Date Collected: 08/23/24 12:59
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 19:06
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 19:06
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 20:02
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 21:26

Client Sample ID: BS24-25 3'
Lab Sample ID: 885-10624-25
Date Collected: 08/23/24 13:04
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 19:28
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 19:28
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 20:16
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 21:41

Client Sample ID: BS24-26 3'
Lab Sample ID: 885-10624-26
Date Collected: 08/23/24 13:08
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 19:50
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 19:50
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 20:30
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 21:56

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-27 4'
Lab Sample ID: 885-10624-27
Date Collected: 08/23/24 13:14
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 20:11
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 20:11
Total/NA	Prep	SHAKE			11342	EM	EET ALB	08/29/24 12:50
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 18:29
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 13:59
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 16:38

Client Sample ID: BS24-28 4'
Lab Sample ID: 885-10624-28
Date Collected: 08/23/24 13:19
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 20:33
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 20:33
Total/NA	Prep	SHAKE			11342	EM	EET ALB	08/29/24 12:50
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 18:41
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 13:59
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 17:24

Client Sample ID: BS24-29 4'
Lab Sample ID: 885-10624-29
Date Collected: 08/23/24 13:24
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 21:17
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 21:17
Total/NA	Prep	SHAKE			11342	EM	EET ALB	08/29/24 12:50
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 18:52
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 13:59
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 17:39

Client Sample ID: BS24-30 4'
Lab Sample ID: 885-10624-30
Date Collected: 08/23/24 13:29
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 21:38

Lab Chronicle

Client: Vertex
Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-30 4'
Lab Sample ID: 885-10624-30

Date Collected: 08/23/24 13:29
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 21:38
Total/NA	Prep	SHAKE			11342	EM	EET ALB	08/29/24 12:50
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 19:15
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 13:59
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 17:54

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-10624-1
Project/Site: Skor 34 Federal Com #1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

Chain-of-Custody Record

Client: vertex (Bill to Eog)

Mailing Address: 3101 Boyd dr

Carlsbad NM

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

5 day

☒ Standard ☑ Rush 5DAY

Project Name: SKOR 34 Federal com #1

Project #: 24E-03090

Project Manager: chance dixion

Sampler: RP

On Ice: ☒ Yes ☐ No CHUCKY

# of Coolers: 2 4.8-0.3=4.5°C

Cooler Temp(including CF): 4.4-0.3=4.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABOR

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8710

Tel. 505-345-3975 Fax 505-345-4107

885-10624 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.23.24	10:47	soil	BS24-01	40z	Ice	1										
	10:54		02			2										
	10:59		03			3										
	11:05		04			4										
	11:10		05			5										
	11:17		06			6										
	11:22		07			7										
	11:25		08			8										
	11:30		09			9										
	11:54		10			10										
	12:00		11			11										
	12:10		12			12										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					8/30/24	915
8/30/24	1910		SCM	COURIER	8/31/24	0500

Remarks:

cc cdixion@vertexresource.com

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.

9/9/2024

Chain-of-Custody Record

Client: Vertex (Bill to EOG)

Mailing Address: 3101 Boyd dr

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
5 day
☒ Standard ☑ Rush 5 DAY

Project Name:
Skor 34 Fed #1

Project #:
24E-03090

Project Manager:
chance dixon

Sampler: BP
On Ice: ☑ Yes ☐ No CHUCKY
# of Coolers: 2 4.8-0.3=4.5°C
Cooler Temp(including CF): 4.4-0.3=4.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.23.24	12:14	Soil	BS24-13	4oz	Ice	13										
	12:17		14			14										
	12:21		15			15										
	12:25		16			16										
	12:29		17			17										
	12:33		18			18										
	12:35		19			19										
	12:40		20			20										
	12:44		21			21										
	12:48		22			22										
	12:54		23			23										
	12:59		24			24										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					8/26/24	915
8/26/24			SCM	COURIER	8/27/24	0800

Remarks:
Cdixion@vertexresource.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Vertex (Bill to Eog)

Mailing Address: 3101 Boyd dr

Carlsbad, NM

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

5 day

☒ Standard ☐ Rush 5 Day

Project Name:

Skor 34 Fed #1

Project #:

24E-03090

Project Manager:

Chance dixon

Sampler: RP

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): 4.4 - ~~0.7~~ -0.3 = 4.1 (°C) 4.8 - 0.3 = 4.5°C

SCM 8/27/24

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.23.24	1:04	Soil	BS24-25	4oz	Ice	25										
	1:08		26			26										
	1:14		27			27										
	1:19		28			28										
	1:24		29			29										
	1:29		30			30										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
			Cummings		8/26/24	915
8/30/24	1900	Cummings	SCM	Courier	8/27/24	0800

Remarks:

cdixon@vertexresource.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-10624-1

Login Number: 10624 **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 meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 9/9/2024 1:34:35 PM

JOB DESCRIPTION

Skor 34 Federal Com #1

JOB NUMBER

885-10621-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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
9/9/2024 1:34:35 PM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Laboratory Job ID: 885-10621-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Case Narrative

Client: Vertex
Project: Skor 34 Federal Com #1

Job ID: 885-10621-1

Job ID: 885-10621-1 Eurofins Albuquerque

Job Narrative
885-10621-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt
The samples were received on 8/27/2024 8:00 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 4.1°C and 4.5°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 885-11297 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; therefore, the data have been reported.

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

HPLC/IC
Method 300_OF_28D_PREC: The following samples were diluted due to the nature of the sample matrix: WS24-04 0-3' (885-10621-4) and WS24-05 0-3' (885-10621-5). 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.

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: WS24-01 0-2'

Date Collected: 08/24/24 08:00
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-1

Matrix: Solid

Method: SW846 8015M/D - 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		08/27/24 12:20	08/28/24 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 12:20*	*08/28/24 11:51*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 11:51	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 11:51	1
Toluene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 11:51	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 12:20	08/28/24 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/27/24 12:20*	*08/28/24 11:51*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/27/24 15:06	08/29/24 20:54	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/27/24 15:06	08/29/24 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*130*		*62 - 134*	*08/27/24 15:06*	*08/29/24 20:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**	**F2**	60		mg/Kg		08/27/24 15:47	08/27/24 20:28	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-02 0-3'
Lab Sample ID: 885-10621-2
Date Collected: 08/24/24 08:05
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 12:20	08/28/24 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/27/24 12:20*	*08/28/24 13:02*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 13:02	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 13:02	1
Toluene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 13:02	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 12:20	08/28/24 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/27/24 12:20*	*08/28/24 13:02*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/27/24 15:06	08/29/24 21:05	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/27/24 15:06	08/29/24 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*08/27/24 15:06*	*08/29/24 21:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**520**		60		mg/Kg		08/27/24 15:47	08/27/24 21:30	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-03 0-2'
Lab Sample ID: 885-10621-3
Date Collected: 08/24/24 08:10
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 12:20*	*08/28/24 14:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 14:12	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 14:12	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 14:12	1
Xylenes, Total	ND		0.098		mg/Kg		08/27/24 12:20	08/28/24 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 12:20*	*08/28/24 14:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/27/24 15:06	08/29/24 21:17	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/27/24 15:06	08/29/24 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*08/27/24 15:06*	*08/29/24 21:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**530**		60		mg/Kg		08/27/24 15:47	08/27/24 21:42	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-04 0-3'
Lab Sample ID: 885-10621-4
Date Collected: 08/24/24 08:15
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 12:20	08/28/24 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/27/24 12:20*	*08/28/24 14:35*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 14:35	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 14:35	1
Toluene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 14:35	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 12:20	08/28/24 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/27/24 12:20*	*08/28/24 14:35*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/27/24 15:06	08/29/24 21:28	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/27/24 15:06	08/29/24 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*08/27/24 15:06*	*08/29/24 21:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/27/24 15:47	08/27/24 21:54	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-05 0-3'
Lab Sample ID: 885-10621-5
Date Collected: 08/24/24 08:20
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 12:20	08/28/24 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/27/24 12:20*	*08/28/24 14:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 14:59	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 14:59	1
Toluene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 14:59	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 12:20	08/28/24 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/27/24 12:20*	*08/28/24 14:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/27/24 15:06	08/29/24 21:39	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/27/24 15:06	08/29/24 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/27/24 15:06*	*08/29/24 21:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/27/24 15:47	08/27/24 22:07	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-06 0-4'
Lab Sample ID: 885-10621-6
Date Collected: 08/24/24 08:25
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 12:20	08/28/24 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 12:20*	*08/28/24 15:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 15:22	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 12:20	08/28/24 15:22	1
Toluene	ND		0.050		mg/Kg		08/27/24 12:20	08/28/24 15:22	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 12:20	08/28/24 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 12:20*	*08/28/24 15:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/27/24 15:06	08/29/24 21:50	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/27/24 15:06	08/29/24 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*08/27/24 15:06*	*08/29/24 21:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		60		mg/Kg		08/27/24 15:47	08/27/24 22:19	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-07 0-3'
Lab Sample ID: 885-10621-7
Date Collected: 08/24/24 08:30
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/27/24 12:20*	*08/28/24 15:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 15:45	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 15:45	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 15:45	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 12:20	08/28/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/27/24 12:20*	*08/28/24 15:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		08/27/24 15:06	08/29/24 22:02	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/27/24 15:06	08/29/24 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*08/27/24 15:06*	*08/29/24 22:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		60		mg/Kg		08/27/24 15:47	08/27/24 22:31	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: WS24-08 0-3'

Date Collected: 08/24/24 08:35
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 12:20*	*08/28/24 16:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 16:09	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 16:09	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 16:09	1
Xylenes, Total	ND		0.098		mg/Kg		08/27/24 12:20	08/28/24 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/27/24 12:20*	*08/28/24 16:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/27/24 15:06	08/29/24 22:13	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/27/24 15:06	08/29/24 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/27/24 15:06*	*08/29/24 22:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65**		60		mg/Kg		08/27/24 15:47	08/27/24 22:44	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: WS24-09 0-3'

Date Collected: 08/24/24 08:40
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-9

Matrix: Solid

Method: SW846 8015M/D - 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		08/27/24 12:20	08/28/24 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/27/24 12:20*	*08/28/24 16:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 16:32	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 16:32	1
Toluene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 16:32	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 12:20	08/28/24 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/27/24 12:20*	*08/28/24 16:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/27/24 15:06	08/29/24 22:35	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/27/24 15:06	08/29/24 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*08/27/24 15:06*	*08/29/24 22:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92**		60		mg/Kg		08/27/24 15:47	08/27/24 22:56	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: WS24-10 0-2'

Date Collected: 08/24/24 08:45
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-10

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*08/27/24 12:20*	*08/28/24 16:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 16:56	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 16:56	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 16:56	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 12:20	08/28/24 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*08/27/24 12:20*	*08/28/24 16:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/27/24 15:06	08/29/24 22:46	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/27/24 15:06	08/29/24 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/27/24 15:06*	*08/29/24 22:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**		60		mg/Kg		08/27/24 15:47	08/27/24 23:33	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-11 2-4'
Lab Sample ID: 885-10621-11
Date Collected: 08/24/24 08:50
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 12:20	08/28/24 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 12:20*	*08/28/24 17:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 17:43	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 12:20	08/28/24 17:43	1
Toluene	ND		0.050		mg/Kg		08/27/24 12:20	08/28/24 17:43	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 12:20	08/28/24 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 12:20*	*08/28/24 17:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**28**		9.6		mg/Kg		08/27/24 15:06	08/29/24 22:57	1
Motor Oil Range Organics [C28-C40]	**83**		48		mg/Kg		08/27/24 15:06	08/29/24 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/27/24 15:06*	*08/29/24 22:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**530**		60		mg/Kg		08/27/24 15:47	08/27/24 23:45	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-12 2-3'
Lab Sample ID: 885-10621-12
Date Collected: 08/24/24 08:55
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 12:20	08/28/24 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 12:20*	*08/28/24 18:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 18:06	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 12:20	08/28/24 18:06	1
Toluene	ND		0.050		mg/Kg		08/27/24 12:20	08/28/24 18:06	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 12:20	08/28/24 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/27/24 12:20*	*08/28/24 18:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/27/24 15:06	08/29/24 23:08	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/27/24 15:06	08/29/24 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*08/27/24 15:06*	*08/29/24 23:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**390**		60		mg/Kg		08/27/24 15:47	08/28/24 00:23	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-13 3-4'
Lab Sample ID: 885-10621-13
Date Collected: 08/24/24 09:00
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 12:20	08/28/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*08/27/24 12:20*	*08/28/24 18:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 18:30	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 18:30	1
Toluene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 18:30	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 12:20	08/28/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*08/27/24 12:20*	*08/28/24 18:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/27/24 15:06	08/29/24 23:19	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/27/24 15:06	08/29/24 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/27/24 15:06*	*08/29/24 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/27/24 15:47	08/28/24 00:35	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-14 3-4'
Lab Sample ID: 885-10621-14
Date Collected: 08/24/24 09:05
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 12:20*	*08/28/24 18:53*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 18:53	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 18:53	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 18:53	1
Xylenes, Total	ND		0.098		mg/Kg		08/27/24 12:20	08/28/24 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 12:20*	*08/28/24 18:53*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/27/24 15:06	08/29/24 23:31	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/27/24 15:06	08/29/24 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/27/24 15:06*	*08/29/24 23:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		60		mg/Kg		08/27/24 15:47	08/28/24 00:47	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-15 2-3'
Lab Sample ID: 885-10621-15
Date Collected: 08/24/24 09:10
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 12:20*	*08/28/24 19:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 19:16	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 19:16	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 19:16	1
Xylenes, Total	ND		0.098		mg/Kg		08/27/24 12:20	08/28/24 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/27/24 12:20*	*08/28/24 19:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0		mg/Kg		08/27/24 15:06	08/29/24 23:42	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/27/24 15:06	08/29/24 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*122*		*62 - 134*	*08/27/24 15:06*	*08/29/24 23:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/27/24 15:47	08/28/24 01:00	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: WS24-16 2-4'

Date Collected: 08/24/24 09:15
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-16

Matrix: Solid

Method: SW846 8015M/D - 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		08/27/24 12:20	08/28/24 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 12:20*	*08/28/24 19:40*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 19:40	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 19:40	1
Toluene	ND		0.048		mg/Kg		08/27/24 12:20	08/28/24 19:40	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 12:20	08/28/24 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/27/24 12:20*	*08/28/24 19:40*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/27/24 15:06	08/29/24 23:53	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/27/24 15:06	08/29/24 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/27/24 15:06*	*08/29/24 23:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/27/24 15:47	08/28/24 01:12	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-31 2.0'
Lab Sample ID: 885-10621-17
Date Collected: 08/24/24 09:20
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 12:20*	*08/28/24 20:03*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 20:03	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 20:03	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 20:03	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 12:20	08/28/24 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 12:20*	*08/28/24 20:03*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/27/24 15:06	08/30/24 00:04	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/27/24 15:06	08/30/24 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*130*		*62 - 134*	*08/27/24 15:06*	*08/30/24 00:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**440**		60		mg/Kg		08/27/24 15:47	08/28/24 01:24	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: BS24-32 2.0'

Date Collected: 08/24/24 09:25
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-18

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 12:20	08/28/24 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 12:20*	*08/28/24 20:26*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 20:26	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 12:20	08/28/24 20:26	1
Toluene	ND		0.047		mg/Kg		08/27/24 12:20	08/28/24 20:26	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 12:20	08/28/24 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 12:20*	*08/28/24 20:26*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		08/27/24 15:06	08/30/24 00:15	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/27/24 15:06	08/30/24 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*08/27/24 15:06*	*08/30/24 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		08/27/24 15:47	08/28/24 02:01	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-33 2.0'
Lab Sample ID: 885-10621-19
Date Collected: 08/24/24 09:30
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 12:20*	*08/28/24 20:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 20:50	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 20:50	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 20:50	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 12:20	08/28/24 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 12:20*	*08/28/24 20:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.7		mg/Kg		08/27/24 15:06	08/30/24 00:38	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		08/27/24 15:06	08/30/24 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*75*		*62 - 134*	*08/27/24 15:06*	*08/30/24 00:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/27/24 15:47	08/28/24 02:14	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-34 2.0'
Lab Sample ID: 885-10621-20
Date Collected: 08/24/24 09:35
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 12:20	08/28/24 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/27/24 12:20*	*08/28/24 21:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 12:20	08/28/24 21:13	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 21:13	1
Toluene	ND		0.049		mg/Kg		08/27/24 12:20	08/28/24 21:13	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 12:20	08/28/24 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 12:20*	*08/28/24 21:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		08/27/24 15:06	08/30/24 00:49	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/27/24 15:06	08/30/24 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*71*		*62 - 134*	*08/27/24 15:06*	*08/30/24 00:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		60		mg/Kg		08/27/24 15:47	08/28/24 02:26	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-35 2.0'
Lab Sample ID: 885-10621-21
Date Collected: 08/24/24 09:40
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 13:17	08/28/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*08/27/24 13:17*	*08/28/24 23:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/28/24 23:34	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 13:17	08/28/24 23:34	1
Toluene	ND		0.050		mg/Kg		08/27/24 13:17	08/28/24 23:34	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 13:17	08/28/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/27/24 13:17*	*08/28/24 23:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 08:31	08/30/24 12:10	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 08:31	08/30/24 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/28/24 08:31*	*08/30/24 12:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/28/24 10:15	08/28/24 12:39	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-36 2.0'
Lab Sample ID: 885-10621-22

Date Collected: 08/24/24 09:45
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 13:17	08/29/24 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/27/24 13:17*	*08/29/24 00:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/29/24 00:44	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 00:44	1
Toluene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 00:44	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 13:17	08/29/24 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*08/27/24 13:17*	*08/29/24 00:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/28/24 08:31	08/30/24 12:20	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/28/24 08:31	08/30/24 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/28/24 08:31*	*08/30/24 12:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**400**		60		mg/Kg		08/28/24 10:15	08/28/24 13:24	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-37 2.0'
Lab Sample ID: 885-10621-23
Date Collected: 08/24/24 09:50
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 13:17	08/29/24 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 13:17*	*08/29/24 01:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 01:54	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 01:54	1
Toluene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 01:54	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 13:17	08/29/24 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/27/24 13:17*	*08/29/24 01:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/28/24 08:31	08/30/24 12:31	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 08:31	08/30/24 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/28/24 08:31*	*08/30/24 12:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**310**		60		mg/Kg		08/28/24 10:15	08/28/24 13:40	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-38 2.0'
Lab Sample ID: 885-10621-24
Date Collected: 08/24/24 09:55
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 13:17	08/29/24 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 13:17*	*08/29/24 02:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/29/24 02:17	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 02:17	1
Toluene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 02:17	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 13:17	08/29/24 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 13:17*	*08/29/24 02:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/28/24 08:31	08/30/24 12:42	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 08:31	08/30/24 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/28/24 08:31*	*08/30/24 12:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		60		mg/Kg		08/28/24 10:15	08/28/24 13:55	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-39 2.0'
Lab Sample ID: 885-10621-25
Date Collected: 08/24/24 10:00
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 13:17	08/29/24 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/27/24 13:17*	*08/29/24 02:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/27/24 13:17	08/29/24 02:41	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 13:17	08/29/24 02:41	1
Toluene	ND		0.047		mg/Kg		08/27/24 13:17	08/29/24 02:41	1
Xylenes, Total	ND		0.093		mg/Kg		08/27/24 13:17	08/29/24 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/27/24 13:17*	*08/29/24 02:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0		mg/Kg		08/28/24 08:31	08/30/24 12:52	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/28/24 08:31	08/30/24 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/28/24 08:31*	*08/30/24 12:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1100**		60		mg/Kg		08/28/24 10:15	08/28/24 14:40	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: BS24-40 2.0'

Date Collected: 08/24/24 10:05
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-26

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 13:17	08/29/24 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/27/24 13:17*	*08/29/24 03:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 03:04	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 13:17	08/29/24 03:04	1
Toluene	ND		0.047		mg/Kg		08/27/24 13:17	08/29/24 03:04	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 13:17	08/29/24 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 13:17*	*08/29/24 03:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 08:31	08/30/24 13:03	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 08:31	08/30/24 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*08/28/24 08:31*	*08/30/24 13:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**580**		60		mg/Kg		08/28/24 10:15	08/28/24 14:56	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-41 2.0'
Lab Sample ID: 885-10621-27
Date Collected: 08/24/24 10:10
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 13:17	08/29/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/27/24 13:17*	*08/29/24 03:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/29/24 03:28	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 03:28	1
Toluene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 03:28	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 13:17	08/29/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/27/24 13:17*	*08/29/24 03:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/28/24 08:31	08/30/24 13:14	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/28/24 08:31	08/30/24 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*08/28/24 08:31*	*08/30/24 13:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1300**		60		mg/Kg		08/28/24 10:15	08/28/24 15:11	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-42 2.0'
Lab Sample ID: 885-10621-28
Date Collected: 08/24/24 10:15
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 13:17	08/29/24 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*08/27/24 13:17*	*08/29/24 03:51*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 03:51	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 03:51	1
Toluene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 03:51	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 13:17	08/29/24 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 13:17*	*08/29/24 03:51*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/28/24 08:31	08/30/24 13:25	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 08:31	08/30/24 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*08/28/24 08:31*	*08/30/24 13:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		60		mg/Kg		08/28/24 10:15	08/28/24 15:26	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-43 2.0'
Lab Sample ID: 885-10621-29
Date Collected: 08/24/24 10:20
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 13:17	08/29/24 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 13:17*	*08/29/24 04:15*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 04:15	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 04:15	1
Toluene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 04:15	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 13:17	08/29/24 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 13:17*	*08/29/24 04:15*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/28/24 08:31	08/30/24 13:46	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/28/24 08:31	08/30/24 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*08/28/24 08:31*	*08/30/24 13:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97		60		mg/Kg		08/28/24 10:15	08/28/24 15:41	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-44 2.0'
Lab Sample ID: 885-10621-30
Date Collected: 08/24/24 10:25
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 13:17	08/29/24 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/27/24 13:17*	*08/29/24 04:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/29/24 04:38	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 04:38	1
Toluene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 04:38	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 13:17	08/29/24 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 13:17*	*08/29/24 04:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/28/24 08:31	08/30/24 13:57	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 08:31	08/30/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*08/28/24 08:31*	*08/30/24 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/28/24 10:15	08/28/24 15:56	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-45 2.0'
Lab Sample ID: 885-10621-31
Date Collected: 08/24/24 10:30
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 13:17	08/29/24 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 13:17*	*08/29/24 05:25*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/29/24 05:25	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 05:25	1
Toluene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 05:25	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 13:17	08/29/24 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 13:17*	*08/29/24 05:25*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/28/24 08:31	08/30/24 14:08	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/28/24 08:31	08/30/24 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/28/24 08:31*	*08/30/24 14:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		60		mg/Kg		08/28/24 10:15	08/28/24 16:12	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-46 4.0'
Lab Sample ID: 885-10621-32
Date Collected: 08/24/24 10:35
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 13:17	08/29/24 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 13:17*	*08/29/24 05:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 05:48	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 05:48	1
Toluene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 05:48	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 13:17	08/29/24 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 13:17*	*08/29/24 05:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 08:31	08/30/24 14:18	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 08:31	08/30/24 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*08/28/24 08:31*	*08/30/24 14:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/28/24 10:15	08/28/24 16:57	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-47 3.0'
Lab Sample ID: 885-10621-33
Date Collected: 08/24/24 10:40
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 13:17	08/29/24 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/27/24 13:17*	*08/29/24 06:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/29/24 06:11	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 13:17	08/29/24 06:11	1
Toluene	ND		0.049		mg/Kg		08/27/24 13:17	08/29/24 06:11	1
Xylenes, Total	ND		0.098		mg/Kg		08/27/24 13:17	08/29/24 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 13:17*	*08/29/24 06:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 08:31	08/30/24 14:29	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 08:31	08/30/24 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/28/24 08:31*	*08/30/24 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		60		mg/Kg		08/28/24 10:15	08/28/24 17:43	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: BS24-48 3.0'

Date Collected: 08/24/24 10:45
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-34

Matrix: Solid

Method: SW846 8015M/D - 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		08/27/24 13:17	08/29/24 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 13:17*	*08/29/24 06:35*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 06:35	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 06:35	1
Toluene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 06:35	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 13:17	08/29/24 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 13:17*	*08/29/24 06:35*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 08:31	08/30/24 14:40	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 08:31	08/30/24 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/28/24 08:31*	*08/30/24 14:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		60		mg/Kg		08/28/24 10:15	08/28/24 17:58	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: BS24-49 3.0'

Date Collected: 08/24/24 10:50
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-35

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 13:17	08/29/24 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 13:17*	*08/29/24 06:58*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 06:58	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 13:17	08/29/24 06:58	1
Toluene	ND		0.047		mg/Kg		08/27/24 13:17	08/29/24 06:58	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 13:17	08/29/24 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/27/24 13:17*	*08/29/24 06:58*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**10**		10		mg/Kg		08/28/24 08:31	08/30/24 14:51	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 08:31	08/30/24 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/28/24 08:31*	*08/30/24 14:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		60		mg/Kg		08/28/24 10:15	08/28/24 18:13	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-50 3.0'
Lab Sample ID: 885-10621-36
Date Collected: 08/24/24 10:55
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 13:17	08/29/24 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 13:17*	*08/29/24 07:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/29/24 07:22	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 07:22	1
Toluene	ND		0.050		mg/Kg		08/27/24 13:17	08/29/24 07:22	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 13:17	08/29/24 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/27/24 13:17*	*08/29/24 07:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**16**		9.3		mg/Kg		08/28/24 08:31	08/30/24 15:02	1
Motor Oil Range Organics [C28-C40]	**110**		46		mg/Kg		08/28/24 08:31	08/30/24 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/28/24 08:31*	*08/30/24 15:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**500**		60		mg/Kg		08/28/24 10:15	08/28/24 18:28	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: BS24-51 3.0'

Date Collected: 08/24/24 11:00
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-37

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6		mg/Kg		08/27/24 13:17	08/29/24 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*08/27/24 13:17*	*08/29/24 07:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		08/27/24 13:17	08/29/24 07:45	1
Ethylbenzene	ND		0.046		mg/Kg		08/27/24 13:17	08/29/24 07:45	1
Toluene	ND		0.046		mg/Kg		08/27/24 13:17	08/29/24 07:45	1
Xylenes, Total	ND		0.092		mg/Kg		08/27/24 13:17	08/29/24 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*48 - 145*	*08/27/24 13:17*	*08/29/24 07:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**12**		9.0		mg/Kg		08/28/24 08:31	08/30/24 15:13	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/28/24 08:31	08/30/24 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/28/24 08:31*	*08/30/24 15:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**700**		60		mg/Kg		08/28/24 10:15	08/28/24 18:43	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-52 3.0'
Lab Sample ID: 885-10621-38
Date Collected: 08/24/24 11:05
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 13:17	08/29/24 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 13:17*	*08/29/24 08:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 08:09	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 13:17	08/29/24 08:09	1
Toluene	ND		0.049		mg/Kg		08/27/24 13:17	08/29/24 08:09	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 13:17	08/29/24 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*48 - 145*	*08/27/24 13:17*	*08/29/24 08:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**13**		9.4		mg/Kg		08/28/24 08:31	08/30/24 15:24	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/28/24 08:31	08/30/24 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/28/24 08:31*	*08/30/24 15:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		60		mg/Kg		08/28/24 10:15	08/28/24 18:59	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-53 3.0'
Lab Sample ID: 885-10621-39
Date Collected: 08/24/24 11:10
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 13:17	08/29/24 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 13:17*	*08/29/24 08:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/29/24 08:32	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 13:17	08/29/24 08:32	1
Toluene	ND		0.049		mg/Kg		08/27/24 13:17	08/29/24 08:32	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 13:17	08/29/24 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/27/24 13:17*	*08/29/24 08:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**12**		9.4		mg/Kg		08/28/24 08:31	08/30/24 15:46	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/28/24 08:31	08/30/24 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/28/24 08:31*	*08/30/24 15:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		60		mg/Kg		08/28/24 13:55	08/28/24 20:51	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-54 3.0'
Lab Sample ID: 885-10621-40
Date Collected: 08/24/24 11:15
Matrix: Solid
Date Received: 08/27/24 08:00

Method: SW846 8015M/D - 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		08/27/24 13:17	08/29/24 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*08/27/24 13:17*	*08/29/24 08:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 13:17	08/29/24 08:56	1
Ethylbenzene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 08:56	1
Toluene	ND		0.048		mg/Kg		08/27/24 13:17	08/29/24 08:56	1
Xylenes, Total	ND		0.096		mg/Kg		08/27/24 13:17	08/29/24 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*08/27/24 13:17*	*08/29/24 08:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/28/24 08:31	08/30/24 15:57	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/28/24 08:31	08/30/24 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*08/28/24 08:31*	*08/30/24 15:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		60		mg/Kg		08/28/24 13:55	08/28/24 21:28	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-55 3.0'
Lab Sample ID: 885-10621-41
Date Collected: 08/24/24 11:20
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/27/24 15:28	08/28/24 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*08/27/24 15:28*	*08/28/24 22:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 22:00	1
Ethylbenzene	ND		0.047		mg/Kg		08/27/24 15:28	08/28/24 22:00	1
Toluene	ND		0.047		mg/Kg		08/27/24 15:28	08/28/24 22:00	1
Xylenes, Total	ND		0.095		mg/Kg		08/27/24 15:28	08/28/24 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*	*08/27/24 15:28*	*08/28/24 22:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**22**		8.9		mg/Kg		08/28/24 14:10	08/29/24 16:10	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/28/24 14:10	08/29/24 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*125*		*62 - 134*	*08/28/24 14:10*	*08/29/24 16:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**460**		60		mg/Kg		08/28/24 13:55	08/29/24 02:00	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-56 3.0'
Lab Sample ID: 885-10621-42
Date Collected: 08/24/24 11:25
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 15:28	08/28/24 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/27/24 15:28*	*08/28/24 22:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 22:22	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 22:22	1
Toluene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 22:22	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 15:28	08/28/24 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*08/27/24 15:28*	*08/28/24 22:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**16**		9.2		mg/Kg		08/28/24 14:10	08/29/24 16:23	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/28/24 14:10	08/29/24 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/28/24 14:10*	*08/29/24 16:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		60		mg/Kg		08/28/24 13:55	08/29/24 02:12	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-57 3.0'
Lab Sample ID: 885-10621-43
Date Collected: 08/24/24 11:30
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 15:28	08/28/24 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/27/24 15:28*	*08/28/24 22:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 22:44	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 22:44	1
Toluene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 22:44	1
Xylenes, Total	ND		0.099		mg/Kg		08/27/24 15:28	08/28/24 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*08/27/24 15:28*	*08/28/24 22:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**13**		9.4		mg/Kg		08/28/24 14:10	08/29/24 16:36	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/28/24 14:10	08/29/24 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/28/24 14:10*	*08/29/24 16:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		60		mg/Kg		08/28/24 13:55	08/29/24 02:25	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: BS24-58 3.0'

Date Collected: 08/24/24 11:35
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-44

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 15:28	08/28/24 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*35 - 166*	*08/27/24 15:28*	*08/28/24 23:27*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 23:27	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 23:27	1
Toluene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 23:27	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 15:28	08/28/24 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*08/27/24 15:28*	*08/28/24 23:27*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**57**		9.0		mg/Kg		08/28/24 14:10	08/29/24 16:49	1
Motor Oil Range Organics [C28-C40]	**110**		45		mg/Kg		08/28/24 14:10	08/29/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*08/28/24 14:10*	*08/29/24 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**320**		60		mg/Kg		08/28/24 15:56	08/29/24 09:34	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-59 3.0'
Lab Sample ID: 885-10621-45
Date Collected: 08/24/24 11:40
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 15:28	08/28/24 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*35 - 166*	*08/27/24 15:28*	*08/28/24 23:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/27/24 15:28	08/28/24 23:49	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 23:49	1
Toluene	ND		0.049		mg/Kg		08/27/24 15:28	08/28/24 23:49	1
Xylenes, Total	ND		0.097		mg/Kg		08/27/24 15:28	08/28/24 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*08/27/24 15:28*	*08/28/24 23:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/28/24 14:10	08/29/24 17:02	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/28/24 14:10	08/29/24 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*08/28/24 14:10*	*08/29/24 17:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		08/28/24 15:56	08/29/24 10:19	20

Client Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Client Sample ID: BS24-60 2.0'

Date Collected: 08/24/24 11:45
Date Received: 08/27/24 08:00

Lab Sample ID: 885-10621-46

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/27/24 15:28	08/29/24 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*08/27/24 15:28*	*08/29/24 00:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/29/24 00:11	1
Ethylbenzene	ND		0.049		mg/Kg		08/27/24 15:28	08/29/24 00:11	1
Toluene	ND		0.049		mg/Kg		08/27/24 15:28	08/29/24 00:11	1
Xylenes, Total	ND		0.098		mg/Kg		08/27/24 15:28	08/29/24 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*08/27/24 15:28*	*08/29/24 00:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**20**		9.6		mg/Kg		08/28/24 14:10	08/29/24 17:16	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/28/24 14:10	08/29/24 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*08/28/24 14:10*	*08/29/24 17:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**520**		60		mg/Kg		08/28/24 15:56	08/29/24 10:34	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-61 3.0'
Lab Sample ID: 885-10621-47
Date Collected: 08/24/24 11:50
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/28/24 16:28	08/29/24 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*08/28/24 16:28*	*08/29/24 19:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/28/24 16:28	08/29/24 19:23	1
Ethylbenzene	ND		0.049		mg/Kg		08/28/24 16:28	08/29/24 19:23	1
Toluene	ND		0.049		mg/Kg		08/28/24 16:28	08/29/24 19:23	1
Xylenes, Total	ND		0.098		mg/Kg		08/28/24 16:28	08/29/24 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*08/28/24 16:28*	*08/29/24 19:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/29/24 12:50	08/29/24 17:13	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/29/24 12:50	08/29/24 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*08/29/24 12:50*	*08/29/24 17:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/29/24 13:59	08/29/24 15:37	20

Client Sample Results

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-62 4.0'
Lab Sample ID: 885-10621-48
Date Collected: 08/24/24 11:55
Matrix: Solid
Date Received: 08/27/24 08:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/28/24 16:28	08/29/24 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*08/28/24 16:28*	*08/29/24 20:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/28/24 16:28	08/29/24 20:28	1
Ethylbenzene	ND		0.050		mg/Kg		08/28/24 16:28	08/29/24 20:28	1
Toluene	ND		0.050		mg/Kg		08/28/24 16:28	08/29/24 20:28	1
Xylenes, Total	ND		0.10		mg/Kg		08/28/24 16:28	08/29/24 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*08/28/24 16:28*	*08/29/24 20:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/29/24 12:50	08/29/24 17:24	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/29/24 12:50	08/29/24 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/29/24 12:50*	*08/29/24 17:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		60		mg/Kg		08/29/24 13:59	08/29/24 15:53	20

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: MB 885-11112/1-A
Matrix: Solid
Analysis Batch: 11309

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11112

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 12:20	08/28/24 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*08/27/24 12:20*	*08/28/24 11:28*	*1*

Lab Sample ID: LCS 885-11112/2-A
Matrix: Solid
Analysis Batch: 11309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11112

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	25.7		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*206*		*35 - 166*

Lab Sample ID: 885-10621-1 MS
Matrix: Solid
Analysis Batch: 11309

Client Sample ID: WS24-01 0-2'
Prep Type: Total/NA
Prep Batch: 11112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		24.4	27.8		mg/Kg		114	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*223*		*35 - 166*

Lab Sample ID: 885-10621-1 MSD
Matrix: Solid
Analysis Batch: 11309

Client Sample ID: WS24-01 0-2'
Prep Type: Total/NA
Prep Batch: 11112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		24.2	30.6		mg/Kg		126	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*236*		*35 - 166*

Lab Sample ID: MB 885-11118/1-A
Matrix: Solid
Analysis Batch: 11309

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11118

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 13:17	08/28/24 23:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*08/27/24 13:17*	*08/28/24 23:11*	*1*

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: LCS 885-11118/2-A
Matrix: Solid
Analysis Batch: 11309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11118

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.5		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*218*		*35 - 166*

Lab Sample ID: 885-10621-21 MS
Matrix: Solid
Analysis Batch: 11309

Client Sample ID: BS24-35 2.0'
Prep Type: Total/NA
Prep Batch: 11118

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		24.8	27.9		mg/Kg		112	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*223*		*35 - 166*

Lab Sample ID: 885-10621-21 MSD
Matrix: Solid
Analysis Batch: 11309

Client Sample ID: BS24-35 2.0'
Prep Type: Total/NA
Prep Batch: 11118

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		24.9	26.5		mg/Kg		106	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*217*		*35 - 166*

Lab Sample ID: MB 885-11132/1-A
Matrix: Solid
Analysis Batch: 11303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11132

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/27/24 15:28	08/28/24 14:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*08/27/24 15:28*	*08/28/24 14:23*	*1*

Lab Sample ID: LCS 885-11132/2-A
Matrix: Solid
Analysis Batch: 11303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11132

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	25.8		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*209*		*35 - 166*

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: MB 885-11233/1-A
Matrix: Solid
Analysis Batch: 11390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11233

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/28/24 16:28	08/29/24 19:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*35 - 166*	*08/28/24 16:28*	*08/29/24 19:01*	*1*

Lab Sample ID: LCS 885-11233/2-A
Matrix: Solid
Analysis Batch: 11390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11233

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.3		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*220*		*35 - 166*

Lab Sample ID: 885-10621-47 MS
Matrix: Solid
Analysis Batch: 11390

Client Sample ID: BS24-61 3.0'
Prep Type: Total/NA
Prep Batch: 11233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		24.7	29.9		mg/Kg		121	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*236*		*35 - 166*

Lab Sample ID: 885-10621-47 MSD
Matrix: Solid
Analysis Batch: 11390

Client Sample ID: BS24-61 3.0'
Prep Type: Total/NA
Prep Batch: 11233

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		24.6	27.6		mg/Kg		112	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*220*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-11112/1-A
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11112

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 12:20	08/28/24 11:28	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 12:20	08/28/24 11:28	1
Toluene	ND		0.050		mg/Kg		08/27/24 12:20	08/28/24 11:28	1

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: MB 885-11112/1-A
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11112

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 12:20	08/28/24 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*48 - 145*	*08/27/24 12:20*	*08/28/24 11:28*	*1*

Lab Sample ID: LCS 885-11112/3-A
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11112

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.940		mg/Kg		94	70 - 130		
Ethylbenzene			1.00	0.861		mg/Kg		86	70 - 130		
Toluene			1.00	0.893		mg/Kg		89	70 - 130		
m,p-Xylene			2.00	1.75		mg/Kg		87	70 - 130		
o-Xylene			1.00	0.835		mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*

Lab Sample ID: 885-10621-2 MS
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: WS24-02 0-3'
Prep Type: Total/NA
Prep Batch: 11112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.951	1.01		mg/Kg		107	70 - 130		
Ethylbenzene	ND		0.951	0.968		mg/Kg		102	70 - 130		
Toluene	ND		0.951	0.987		mg/Kg		102	70 - 130		
m,p-Xylene	ND		1.90	1.93		mg/Kg		100	70 - 130		
o-Xylene	ND		0.951	0.948		mg/Kg		98	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*

Lab Sample ID: 885-10621-2 MSD
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: WS24-02 0-3'
Prep Type: Total/NA
Prep Batch: 11112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.953	1.01		mg/Kg		105	70 - 130	1	20
Ethylbenzene	ND		0.953	0.951		mg/Kg		100	70 - 130	2	20
Toluene	ND		0.953	0.959		mg/Kg		99	70 - 130	3	20
m,p-Xylene	ND		1.91	1.90		mg/Kg		98	70 - 130	1	20
o-Xylene	ND		0.953	0.918		mg/Kg		95	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: MB 885-11118/1-A
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11118

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 13:17	08/28/24 23:11	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 13:17	08/28/24 23:11	1
Toluene	ND		0.050		mg/Kg		08/27/24 13:17	08/28/24 23:11	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 13:17	08/28/24 23:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*08/27/24 13:17*	*08/28/24 23:11*	*1*

Lab Sample ID: LCS 885-11118/3-A
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11118

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.889		mg/Kg		89	70 - 130		
Ethylbenzene			1.00	0.825		mg/Kg		83	70 - 130		
Toluene			1.00	0.840		mg/Kg		84	70 - 130		
m,p-Xylene			2.00	1.64		mg/Kg		82	70 - 130		
o-Xylene			1.00	0.802		mg/Kg		80	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*

Lab Sample ID: 885-10621-22 MS
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: BS24-36 2.0'
Prep Type: Total/NA
Prep Batch: 11118

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.997	0.988		mg/Kg		99	70 - 130		
Ethylbenzene	ND		0.997	0.934		mg/Kg		94	70 - 130		
Toluene	ND		0.997	0.950		mg/Kg		94	70 - 130		
m,p-Xylene	ND		1.99	1.88		mg/Kg		93	70 - 130		
o-Xylene	ND		0.997	0.905		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*

Lab Sample ID: 885-10621-22 MSD
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: BS24-36 2.0'
Prep Type: Total/NA
Prep Batch: 11118

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.992	0.995		mg/Kg		100	70 - 130	1	20
Ethylbenzene	ND		0.992	0.937		mg/Kg		94	70 - 130	0	20
Toluene	ND		0.992	0.946		mg/Kg		94	70 - 130	0	20
m,p-Xylene	ND		1.98	1.87		mg/Kg		93	70 - 130	1	20
o-Xylene	ND		0.992	0.907		mg/Kg		91	70 - 130	0	20

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: 885-10621-22 MSD
Matrix: Solid
Analysis Batch: 11310

Client Sample ID: BS24-36 2.0'
Prep Type: Total/NA
Prep Batch: 11118

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		48 - 145

Lab Sample ID: MB 885-11132/1-A
Matrix: Solid
Analysis Batch: 11304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11132

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/27/24 15:28	08/28/24 14:23	1
Ethylbenzene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 14:23	1
Toluene	ND		0.050		mg/Kg		08/27/24 15:28	08/28/24 14:23	1
Xylenes, Total	ND		0.10		mg/Kg		08/27/24 15:28	08/28/24 14:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145	08/27/24 15:28	08/28/24 14:23	1

Lab Sample ID: LCS 885-11132/3-A
Matrix: Solid
Analysis Batch: 11304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11132

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.02		mg/Kg		102	70 - 130		
Ethylbenzene			1.00	1.02		mg/Kg		102	70 - 130		
Toluene			1.00	1.03		mg/Kg		103	70 - 130		
m,p-Xylene			2.00	2.02		mg/Kg		101	70 - 130		
o-Xylene			1.00	1.01		mg/Kg		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		48 - 145

Lab Sample ID: MB 885-11233/1-A
Matrix: Solid
Analysis Batch: 11392

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11233

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/28/24 16:28	08/29/24 19:01	1
Ethylbenzene	ND		0.050		mg/Kg		08/28/24 16:28	08/29/24 19:01	1
Toluene	ND		0.050		mg/Kg		08/28/24 16:28	08/29/24 19:01	1
Xylenes, Total	ND		0.10		mg/Kg		08/28/24 16:28	08/29/24 19:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145	08/28/24 16:28	08/29/24 19:01	1

Lab Sample ID: LCS 885-11233/3-A
Matrix: Solid
Analysis Batch: 11392

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11233

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.05		mg/Kg		105	70 - 130		

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: LCS 885-11233/3-A
Matrix: Solid
Analysis Batch: 11392

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11233

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylbenzene			1.00	1.04		mg/Kg		104	70 - 130		
Toluene			1.00	1.05		mg/Kg		105	70 - 130		
m,p-Xylene			2.00	2.08		mg/Kg		104	70 - 130		
o-Xylene			1.00	1.03		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*

Lab Sample ID: 885-10621-48 MS
Matrix: Solid
Analysis Batch: 11392

Client Sample ID: BS24-62 4.0'
Prep Type: Total/NA
Prep Batch: 11233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.993	1.11		mg/Kg		112	70 - 130		
Ethylbenzene	ND		0.993	1.16		mg/Kg		117	70 - 130		
Toluene	ND		0.993	1.14		mg/Kg		115	70 - 130		
m,p-Xylene	ND		1.99	2.28		mg/Kg		115	70 - 130		
o-Xylene	ND		0.993	1.14		mg/Kg		115	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*

Lab Sample ID: 885-10621-48 MSD
Matrix: Solid
Analysis Batch: 11392

Client Sample ID: BS24-62 4.0'
Prep Type: Total/NA
Prep Batch: 11233

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.999	1.14		mg/Kg		114	70 - 130	3	20
Ethylbenzene	ND		0.999	1.18		mg/Kg		118	70 - 130	2	20
Toluene	ND		0.999	1.17		mg/Kg		117	70 - 130	3	20
m,p-Xylene	ND		2.00	2.33		mg/Kg		117	70 - 130	2	20
o-Xylene	ND		0.999	1.17		mg/Kg		117	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*

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

Lab Sample ID: MB 885-11129/1-A
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11129

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/27/24 15:06	08/29/24 20:31	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/27/24 15:06	08/29/24 20:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/27/24 15:06*	*08/29/24 20:31*	*1*

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QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: LCS 885-11129/2-A
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11129

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	55.3		mg/Kg		111	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*132*		*62 - 134*

Lab Sample ID: 885-10621-20 MS
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: BS24-34 2.0'
Prep Type: Total/NA
Prep Batch: 11129

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.0	46.2		mg/Kg		96	44 - 136		

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

Lab Sample ID: 885-10621-20 MSD
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: BS24-34 2.0'
Prep Type: Total/NA
Prep Batch: 11129

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.6	47.5		mg/Kg		102	44 - 136	3	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*

Lab Sample ID: MB 885-11167/1-A
Matrix: Solid
Analysis Batch: 11400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11167

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/28/24 08:31	08/30/24 11:48	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 08:31	08/30/24 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/28/24 08:31*	*08/30/24 11:48*	*1*

Lab Sample ID: LCS 885-11167/2-A
Matrix: Solid
Analysis Batch: 11400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11167

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	58.1		mg/Kg		116	60 - 135		

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: LCS 885-11167/2-A
Matrix: Solid
Analysis Batch: 11400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11167

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	119		62 - 134

Lab Sample ID: 885-10621-40 MS
Matrix: Solid
Analysis Batch: 11400

Client Sample ID: BS24-54 3.0'
Prep Type: Total/NA
Prep Batch: 11167

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		48.4	62.7		mg/Kg		111	44 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	119		62 - 134

Lab Sample ID: 885-10621-40 MSD
Matrix: Solid
Analysis Batch: 11400

Client Sample ID: BS24-54 3.0'
Prep Type: Total/NA
Prep Batch: 11167

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.6	54.8		mg/Kg		98	44 - 136	13	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	101		62 - 134

Lab Sample ID: MB 885-11224/1-A
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11224

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/28/24 14:10	08/29/24 15:18	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/28/24 14:10	08/29/24 15:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134	08/28/24 14:10	08/29/24 15:18	1

Lab Sample ID: LCS 885-11224/2-A
Matrix: Solid
Analysis Batch: 11296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11224

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	51.1		mg/Kg		102	60 - 135

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

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

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

Lab Sample ID: MB 885-11342/1-A
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11342

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/29/24 12:50	08/29/24 16:10	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/29/24 12:50	08/29/24 16:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/29/24 12:50*	*08/29/24 16:10*	*1*

Lab Sample ID: LCS 885-11342/2-A
Matrix: Solid
Analysis Batch: 11297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11342

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	45.7		mg/Kg		91	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-11139/1-A
Matrix: Solid
Analysis Batch: 11154

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11139

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/27/24 15:47	08/27/24 20:03	1

Lab Sample ID: LCS 885-11139/2-A
Matrix: Solid
Analysis Batch: 11154

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11139

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.3		mg/Kg		94	90 - 110		

Lab Sample ID: MB 885-11154/4
Matrix: Solid
Analysis Batch: 11154

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/27/24 11:01	1

Lab Sample ID: MRL 885-11154/3
Matrix: Solid
Analysis Batch: 11154

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.513		mg/L		103	50 - 150		

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-11183/1-A
Matrix: Solid
Analysis Batch: 11210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11183

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/28/24 10:15	08/28/24 11:38	1

Lab Sample ID: LCS 885-11183/2-A
Matrix: Solid
Analysis Batch: 11210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11183

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.7		mg/Kg		96	90 - 110		

Lab Sample ID: 885-10621-21 MSD
Matrix: Solid
Analysis Batch: 11210

Client Sample ID: BS24-35 2.0'
Prep Type: Total/NA
Prep Batch: 11183

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	160		29.9	180	4	mg/Kg		60	50 - 150	5	20

Lab Sample ID: 885-10621-31 MS
Matrix: Solid
Analysis Batch: 11210

Client Sample ID: BS24-45 2.0'
Prep Type: Total/NA
Prep Batch: 11183

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	240		30.0	280	4	mg/Kg		148	50 - 150		

Lab Sample ID: 885-10621-31 MSD
Matrix: Solid
Analysis Batch: 11210

Client Sample ID: BS24-45 2.0'
Prep Type: Total/NA
Prep Batch: 11183

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	240		30.1	274	4	mg/Kg		127	50 - 150	2	20

Lab Sample ID: MB 885-11210/12
Matrix: Solid
Analysis Batch: 11210

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/28/24 08:52	1

Lab Sample ID: MRL 885-11210/11
Matrix: Solid
Analysis Batch: 11210

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.532		mg/L		106	50 - 150		

Lab Sample ID: MB 885-11222/1-A
Matrix: Solid
Analysis Batch: 11289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11222

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/28/24 13:55	08/28/24 20:02	1

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 885-11222/2-A
Matrix: Solid
Analysis Batch: 11289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11222

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.2		mg/Kg		94	90 - 110		

Lab Sample ID: MB 885-11230/1-A
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11230

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/28/24 15:56	08/29/24 09:04	1

Lab Sample ID: LCS 885-11230/2-A
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11230

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	31.0		mg/Kg		103	90 - 110		

Lab Sample ID: 885-10621-44 MS
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: BS24-58 3.0'
Prep Type: Total/NA
Prep Batch: 11230

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	320		29.9	397	4	mg/Kg		256	50 - 150		

Lab Sample ID: 885-10621-44 MSD
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: BS24-58 3.0'
Prep Type: Total/NA
Prep Batch: 11230

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	320		29.9	384	4	mg/Kg		213	50 - 150	3	20

Lab Sample ID: MB 885-11289/6
Matrix: Solid
Analysis Batch: 11289

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/Kg			08/28/24 08:48	1

Lab Sample ID: MRL 885-11289/5
Matrix: Solid
Analysis Batch: 11289

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.519		mg/L		104	50 - 150		

Lab Sample ID: MB 885-11305/1-A
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11305

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		08/29/24 10:22	08/29/24 11:20	1

QC Sample Results

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 885-11305/2-A
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11305

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	30.2		mg/Kg		101	90 - 110		

Lab Sample ID: 885-10621-48 MS
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: BS24-62 4.0'
Prep Type: Total/NA
Prep Batch: 11305

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	210		30.1	211	4	mg/Kg		14	50 - 150		

Lab Sample ID: 885-10621-48 MSD
Matrix: Solid
Analysis Batch: 11427

Client Sample ID: BS24-62 4.0'
Prep Type: Total/NA
Prep Batch: 11305

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210		29.9	222	4	mg/Kg		49	50 - 150	5	20

QC Association Summary

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

GC VOA

Prep Batch: 11112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-1	WS24-01 0-2'	Total/NA	Solid	5030C	
885-10621-2	WS24-02 0-3'	Total/NA	Solid	5030C	
885-10621-3	WS24-03 0-2'	Total/NA	Solid	5030C	
885-10621-4	WS24-04 0-3'	Total/NA	Solid	5030C	
885-10621-5	WS24-05 0-3'	Total/NA	Solid	5030C	
885-10621-6	WS24-06 0-4'	Total/NA	Solid	5030C	
885-10621-7	WS24-07 0-3'	Total/NA	Solid	5030C	
885-10621-8	WS24-08 0-3'	Total/NA	Solid	5030C	
885-10621-9	WS24-09 0-3'	Total/NA	Solid	5030C	
885-10621-10	WS24-10 0-2'	Total/NA	Solid	5030C	
885-10621-11	WS24-11 2-4'	Total/NA	Solid	5030C	
885-10621-12	WS24-12 2-3'	Total/NA	Solid	5030C	
885-10621-13	WS24-13 3-4'	Total/NA	Solid	5030C	
885-10621-14	WS24-14 3-4'	Total/NA	Solid	5030C	
885-10621-15	WS24-15 2-3'	Total/NA	Solid	5030C	
885-10621-16	WS24-16 2-4'	Total/NA	Solid	5030C	
885-10621-17	BS24-31 2.0'	Total/NA	Solid	5030C	
885-10621-18	BS24-32 2.0'	Total/NA	Solid	5030C	
885-10621-19	BS24-33 2.0'	Total/NA	Solid	5030C	
885-10621-20	BS24-34 2.0'	Total/NA	Solid	5030C	
MB 885-11112/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-11112/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-11112/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-10621-1 MS	WS24-01 0-2'	Total/NA	Solid	5030C	
885-10621-1 MSD	WS24-01 0-2'	Total/NA	Solid	5030C	
885-10621-2 MS	WS24-02 0-3'	Total/NA	Solid	5030C	
885-10621-2 MSD	WS24-02 0-3'	Total/NA	Solid	5030C	

Prep Batch: 11118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-21	BS24-35 2.0'	Total/NA	Solid	5030C	
885-10621-22	BS24-36 2.0'	Total/NA	Solid	5030C	
885-10621-23	BS24-37 2.0'	Total/NA	Solid	5030C	
885-10621-24	BS24-38 2.0'	Total/NA	Solid	5030C	
885-10621-25	BS24-39 2.0'	Total/NA	Solid	5030C	
885-10621-26	BS24-40 2.0'	Total/NA	Solid	5030C	
885-10621-27	BS24-41 2.0'	Total/NA	Solid	5030C	
885-10621-28	BS24-42 2.0'	Total/NA	Solid	5030C	
885-10621-29	BS24-43 2.0'	Total/NA	Solid	5030C	
885-10621-30	BS24-44 2.0'	Total/NA	Solid	5030C	
885-10621-31	BS24-45 2.0'	Total/NA	Solid	5030C	
885-10621-32	BS24-46 4.0'	Total/NA	Solid	5030C	
885-10621-33	BS24-47 3.0'	Total/NA	Solid	5030C	
885-10621-34	BS24-48 3.0'	Total/NA	Solid	5030C	
885-10621-35	BS24-49 3.0'	Total/NA	Solid	5030C	
885-10621-36	BS24-50 3.0'	Total/NA	Solid	5030C	
885-10621-37	BS24-51 3.0'	Total/NA	Solid	5030C	
885-10621-38	BS24-52 3.0'	Total/NA	Solid	5030C	
885-10621-39	BS24-53 3.0'	Total/NA	Solid	5030C	
885-10621-40	BS24-54 3.0'	Total/NA	Solid	5030C	
MB 885-11118/1-A	Method Blank	Total/NA	Solid	5030C	

QC Association Summary

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

GC VOA (Continued)

Prep Batch: 11118 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-11118/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-11118/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-10621-21 MS	BS24-35 2.0'	Total/NA	Solid	5030C	
885-10621-21 MSD	BS24-35 2.0'	Total/NA	Solid	5030C	
885-10621-22 MS	BS24-36 2.0'	Total/NA	Solid	5030C	
885-10621-22 MSD	BS24-36 2.0'	Total/NA	Solid	5030C	

Prep Batch: 11132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-41	BS24-55 3.0'	Total/NA	Solid	5030C	
885-10621-42	BS24-56 3.0'	Total/NA	Solid	5030C	
885-10621-43	BS24-57 3.0'	Total/NA	Solid	5030C	
885-10621-44	BS24-58 3.0'	Total/NA	Solid	5030C	
885-10621-45	BS24-59 3.0'	Total/NA	Solid	5030C	
885-10621-46	BS24-60 2.0'	Total/NA	Solid	5030C	
MB 885-11132/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-11132/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-11132/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 11233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-47	BS24-61 3.0'	Total/NA	Solid	5030C	
885-10621-48	BS24-62 4.0'	Total/NA	Solid	5030C	
MB 885-11233/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-11233/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-11233/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-10621-47 MS	BS24-61 3.0'	Total/NA	Solid	5030C	
885-10621-47 MSD	BS24-61 3.0'	Total/NA	Solid	5030C	
885-10621-48 MS	BS24-62 4.0'	Total/NA	Solid	5030C	
885-10621-48 MSD	BS24-62 4.0'	Total/NA	Solid	5030C	

Analysis Batch: 11303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-41	BS24-55 3.0'	Total/NA	Solid	8015M/D	11132
885-10621-42	BS24-56 3.0'	Total/NA	Solid	8015M/D	11132
885-10621-43	BS24-57 3.0'	Total/NA	Solid	8015M/D	11132
885-10621-44	BS24-58 3.0'	Total/NA	Solid	8015M/D	11132
885-10621-45	BS24-59 3.0'	Total/NA	Solid	8015M/D	11132
885-10621-46	BS24-60 2.0'	Total/NA	Solid	8015M/D	11132
MB 885-11132/1-A	Method Blank	Total/NA	Solid	8015M/D	11132
LCS 885-11132/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11132

Analysis Batch: 11304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-41	BS24-55 3.0'	Total/NA	Solid	8021B	11132
885-10621-42	BS24-56 3.0'	Total/NA	Solid	8021B	11132
885-10621-43	BS24-57 3.0'	Total/NA	Solid	8021B	11132
885-10621-44	BS24-58 3.0'	Total/NA	Solid	8021B	11132
885-10621-45	BS24-59 3.0'	Total/NA	Solid	8021B	11132
885-10621-46	BS24-60 2.0'	Total/NA	Solid	8021B	11132
MB 885-11132/1-A	Method Blank	Total/NA	Solid	8021B	11132

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

GC VOA (Continued)

Analysis Batch: 11304 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-11132/3-A	Lab Control Sample	Total/NA	Solid	8021B	11132

Analysis Batch: 11309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-1	WS24-01 0-2'	Total/NA	Solid	8015M/D	11112
885-10621-2	WS24-02 0-3'	Total/NA	Solid	8015M/D	11112
885-10621-3	WS24-03 0-2'	Total/NA	Solid	8015M/D	11112
885-10621-4	WS24-04 0-3'	Total/NA	Solid	8015M/D	11112
885-10621-5	WS24-05 0-3'	Total/NA	Solid	8015M/D	11112
885-10621-6	WS24-06 0-4'	Total/NA	Solid	8015M/D	11112
885-10621-7	WS24-07 0-3'	Total/NA	Solid	8015M/D	11112
885-10621-8	WS24-08 0-3'	Total/NA	Solid	8015M/D	11112
885-10621-9	WS24-09 0-3'	Total/NA	Solid	8015M/D	11112
885-10621-10	WS24-10 0-2'	Total/NA	Solid	8015M/D	11112
885-10621-11	WS24-11 2-4'	Total/NA	Solid	8015M/D	11112
885-10621-12	WS24-12 2-3'	Total/NA	Solid	8015M/D	11112
885-10621-13	WS24-13 3-4'	Total/NA	Solid	8015M/D	11112
885-10621-14	WS24-14 3-4'	Total/NA	Solid	8015M/D	11112
885-10621-15	WS24-15 2-3'	Total/NA	Solid	8015M/D	11112
885-10621-16	WS24-16 2-4'	Total/NA	Solid	8015M/D	11112
885-10621-17	BS24-31 2.0'	Total/NA	Solid	8015M/D	11112
885-10621-18	BS24-32 2.0'	Total/NA	Solid	8015M/D	11112
885-10621-19	BS24-33 2.0'	Total/NA	Solid	8015M/D	11112
885-10621-20	BS24-34 2.0'	Total/NA	Solid	8015M/D	11112
885-10621-21	BS24-35 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-22	BS24-36 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-23	BS24-37 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-24	BS24-38 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-25	BS24-39 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-26	BS24-40 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-27	BS24-41 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-28	BS24-42 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-29	BS24-43 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-30	BS24-44 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-31	BS24-45 2.0'	Total/NA	Solid	8015M/D	11118
885-10621-32	BS24-46 4.0'	Total/NA	Solid	8015M/D	11118
885-10621-33	BS24-47 3.0'	Total/NA	Solid	8015M/D	11118
885-10621-34	BS24-48 3.0'	Total/NA	Solid	8015M/D	11118
885-10621-35	BS24-49 3.0'	Total/NA	Solid	8015M/D	11118
885-10621-36	BS24-50 3.0'	Total/NA	Solid	8015M/D	11118
885-10621-37	BS24-51 3.0'	Total/NA	Solid	8015M/D	11118
885-10621-38	BS24-52 3.0'	Total/NA	Solid	8015M/D	11118
885-10621-39	BS24-53 3.0'	Total/NA	Solid	8015M/D	11118
885-10621-40	BS24-54 3.0'	Total/NA	Solid	8015M/D	11118
MB 885-11112/1-A	Method Blank	Total/NA	Solid	8015M/D	11112
MB 885-11118/1-A	Method Blank	Total/NA	Solid	8015M/D	11118
LCS 885-11112/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11112
LCS 885-11118/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11118
885-10621-1 MS	WS24-01 0-2'	Total/NA	Solid	8015M/D	11112
885-10621-1 MSD	WS24-01 0-2'	Total/NA	Solid	8015M/D	11112
885-10621-21 MS	BS24-35 2.0'	Total/NA	Solid	8015M/D	11118

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

GC VOA (Continued)

Analysis Batch: 11309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-21 MSD	BS24-35 2.0'	Total/NA	Solid	8015M/D	11118

Analysis Batch: 11310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-1	WS24-01 0-2'	Total/NA	Solid	8021B	11112
885-10621-2	WS24-02 0-3'	Total/NA	Solid	8021B	11112
885-10621-3	WS24-03 0-2'	Total/NA	Solid	8021B	11112
885-10621-4	WS24-04 0-3'	Total/NA	Solid	8021B	11112
885-10621-5	WS24-05 0-3'	Total/NA	Solid	8021B	11112
885-10621-6	WS24-06 0-4'	Total/NA	Solid	8021B	11112
885-10621-7	WS24-07 0-3'	Total/NA	Solid	8021B	11112
885-10621-8	WS24-08 0-3'	Total/NA	Solid	8021B	11112
885-10621-9	WS24-09 0-3'	Total/NA	Solid	8021B	11112
885-10621-10	WS24-10 0-2'	Total/NA	Solid	8021B	11112
885-10621-11	WS24-11 2-4'	Total/NA	Solid	8021B	11112
885-10621-12	WS24-12 2-3'	Total/NA	Solid	8021B	11112
885-10621-13	WS24-13 3-4'	Total/NA	Solid	8021B	11112
885-10621-14	WS24-14 3-4'	Total/NA	Solid	8021B	11112
885-10621-15	WS24-15 2-3'	Total/NA	Solid	8021B	11112
885-10621-16	WS24-16 2-4'	Total/NA	Solid	8021B	11112
885-10621-17	BS24-31 2.0'	Total/NA	Solid	8021B	11112
885-10621-18	BS24-32 2.0'	Total/NA	Solid	8021B	11112
885-10621-19	BS24-33 2.0'	Total/NA	Solid	8021B	11112
885-10621-20	BS24-34 2.0'	Total/NA	Solid	8021B	11112
885-10621-21	BS24-35 2.0'	Total/NA	Solid	8021B	11118
885-10621-22	BS24-36 2.0'	Total/NA	Solid	8021B	11118
885-10621-23	BS24-37 2.0'	Total/NA	Solid	8021B	11118
885-10621-24	BS24-38 2.0'	Total/NA	Solid	8021B	11118
885-10621-25	BS24-39 2.0'	Total/NA	Solid	8021B	11118
885-10621-26	BS24-40 2.0'	Total/NA	Solid	8021B	11118
885-10621-27	BS24-41 2.0'	Total/NA	Solid	8021B	11118
885-10621-28	BS24-42 2.0'	Total/NA	Solid	8021B	11118
885-10621-29	BS24-43 2.0'	Total/NA	Solid	8021B	11118
885-10621-30	BS24-44 2.0'	Total/NA	Solid	8021B	11118
885-10621-31	BS24-45 2.0'	Total/NA	Solid	8021B	11118
885-10621-32	BS24-46 4.0'	Total/NA	Solid	8021B	11118
885-10621-33	BS24-47 3.0'	Total/NA	Solid	8021B	11118
885-10621-34	BS24-48 3.0'	Total/NA	Solid	8021B	11118
885-10621-35	BS24-49 3.0'	Total/NA	Solid	8021B	11118
885-10621-36	BS24-50 3.0'	Total/NA	Solid	8021B	11118
885-10621-37	BS24-51 3.0'	Total/NA	Solid	8021B	11118
885-10621-38	BS24-52 3.0'	Total/NA	Solid	8021B	11118
885-10621-39	BS24-53 3.0'	Total/NA	Solid	8021B	11118
885-10621-40	BS24-54 3.0'	Total/NA	Solid	8021B	11118
MB 885-11112/1-A	Method Blank	Total/NA	Solid	8021B	11112
MB 885-11118/1-A	Method Blank	Total/NA	Solid	8021B	11118
LCS 885-11112/3-A	Lab Control Sample	Total/NA	Solid	8021B	11112
LCS 885-11118/3-A	Lab Control Sample	Total/NA	Solid	8021B	11118
885-10621-2 MS	WS24-02 0-3'	Total/NA	Solid	8021B	11112
885-10621-2 MSD	WS24-02 0-3'	Total/NA	Solid	8021B	11112
885-10621-22 MS	BS24-36 2.0'	Total/NA	Solid	8021B	11118

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

GC VOA (Continued)

Analysis Batch: 11310 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-22 MSD	BS24-36 2.0'	Total/NA	Solid	8021B	11118

Analysis Batch: 11390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-47	BS24-61 3.0'	Total/NA	Solid	8015M/D	11233
885-10621-48	BS24-62 4.0'	Total/NA	Solid	8015M/D	11233
MB 885-11233/1-A	Method Blank	Total/NA	Solid	8015M/D	11233
LCS 885-11233/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11233
885-10621-47 MS	BS24-61 3.0'	Total/NA	Solid	8015M/D	11233
885-10621-47 MSD	BS24-61 3.0'	Total/NA	Solid	8015M/D	11233

Analysis Batch: 11392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-47	BS24-61 3.0'	Total/NA	Solid	8021B	11233
885-10621-48	BS24-62 4.0'	Total/NA	Solid	8021B	11233
MB 885-11233/1-A	Method Blank	Total/NA	Solid	8021B	11233
LCS 885-11233/3-A	Lab Control Sample	Total/NA	Solid	8021B	11233
885-10621-48 MS	BS24-62 4.0'	Total/NA	Solid	8021B	11233
885-10621-48 MSD	BS24-62 4.0'	Total/NA	Solid	8021B	11233

GC Semi VOA

Prep Batch: 11129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-1	WS24-01 0-2'	Total/NA	Solid	SHAKE	
885-10621-2	WS24-02 0-3'	Total/NA	Solid	SHAKE	
885-10621-3	WS24-03 0-2'	Total/NA	Solid	SHAKE	
885-10621-4	WS24-04 0-3'	Total/NA	Solid	SHAKE	
885-10621-5	WS24-05 0-3'	Total/NA	Solid	SHAKE	
885-10621-6	WS24-06 0-4'	Total/NA	Solid	SHAKE	
885-10621-7	WS24-07 0-3'	Total/NA	Solid	SHAKE	
885-10621-8	WS24-08 0-3'	Total/NA	Solid	SHAKE	
885-10621-9	WS24-09 0-3'	Total/NA	Solid	SHAKE	
885-10621-10	WS24-10 0-2'	Total/NA	Solid	SHAKE	
885-10621-11	WS24-11 2-4'	Total/NA	Solid	SHAKE	
885-10621-12	WS24-12 2-3'	Total/NA	Solid	SHAKE	
885-10621-13	WS24-13 3-4'	Total/NA	Solid	SHAKE	
885-10621-14	WS24-14 3-4'	Total/NA	Solid	SHAKE	
885-10621-15	WS24-15 2-3'	Total/NA	Solid	SHAKE	
885-10621-16	WS24-16 2-4'	Total/NA	Solid	SHAKE	
885-10621-17	BS24-31 2.0'	Total/NA	Solid	SHAKE	
885-10621-18	BS24-32 2.0'	Total/NA	Solid	SHAKE	
885-10621-19	BS24-33 2.0'	Total/NA	Solid	SHAKE	
885-10621-20	BS24-34 2.0'	Total/NA	Solid	SHAKE	
MB 885-11129/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11129/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10621-20 MS	BS24-34 2.0'	Total/NA	Solid	SHAKE	
885-10621-20 MSD	BS24-34 2.0'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

GC Semi VOA

Prep Batch: 11167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-21	BS24-35 2.0'	Total/NA	Solid	SHAKE	
885-10621-22	BS24-36 2.0'	Total/NA	Solid	SHAKE	
885-10621-23	BS24-37 2.0'	Total/NA	Solid	SHAKE	
885-10621-24	BS24-38 2.0'	Total/NA	Solid	SHAKE	
885-10621-25	BS24-39 2.0'	Total/NA	Solid	SHAKE	
885-10621-26	BS24-40 2.0'	Total/NA	Solid	SHAKE	
885-10621-27	BS24-41 2.0'	Total/NA	Solid	SHAKE	
885-10621-28	BS24-42 2.0'	Total/NA	Solid	SHAKE	
885-10621-29	BS24-43 2.0'	Total/NA	Solid	SHAKE	
885-10621-30	BS24-44 2.0'	Total/NA	Solid	SHAKE	
885-10621-31	BS24-45 2.0'	Total/NA	Solid	SHAKE	
885-10621-32	BS24-46 4.0'	Total/NA	Solid	SHAKE	
885-10621-33	BS24-47 3.0'	Total/NA	Solid	SHAKE	
885-10621-34	BS24-48 3.0'	Total/NA	Solid	SHAKE	
885-10621-35	BS24-49 3.0'	Total/NA	Solid	SHAKE	
885-10621-36	BS24-50 3.0'	Total/NA	Solid	SHAKE	
885-10621-37	BS24-51 3.0'	Total/NA	Solid	SHAKE	
885-10621-38	BS24-52 3.0'	Total/NA	Solid	SHAKE	
885-10621-39	BS24-53 3.0'	Total/NA	Solid	SHAKE	
885-10621-40	BS24-54 3.0'	Total/NA	Solid	SHAKE	
MB 885-11167/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11167/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10621-40 MS	BS24-54 3.0'	Total/NA	Solid	SHAKE	
885-10621-40 MSD	BS24-54 3.0'	Total/NA	Solid	SHAKE	

Prep Batch: 11224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-41	BS24-55 3.0'	Total/NA	Solid	SHAKE	
885-10621-42	BS24-56 3.0'	Total/NA	Solid	SHAKE	
885-10621-43	BS24-57 3.0'	Total/NA	Solid	SHAKE	
885-10621-44	BS24-58 3.0'	Total/NA	Solid	SHAKE	
885-10621-45	BS24-59 3.0'	Total/NA	Solid	SHAKE	
885-10621-46	BS24-60 2.0'	Total/NA	Solid	SHAKE	
MB 885-11224/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11224/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 11296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-41	BS24-55 3.0'	Total/NA	Solid	8015M/D	11224
885-10621-42	BS24-56 3.0'	Total/NA	Solid	8015M/D	11224
885-10621-43	BS24-57 3.0'	Total/NA	Solid	8015M/D	11224
885-10621-44	BS24-58 3.0'	Total/NA	Solid	8015M/D	11224
885-10621-45	BS24-59 3.0'	Total/NA	Solid	8015M/D	11224
885-10621-46	BS24-60 2.0'	Total/NA	Solid	8015M/D	11224
MB 885-11224/1-A	Method Blank	Total/NA	Solid	8015M/D	11224
LCS 885-11224/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11224

Analysis Batch: 11297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-1	WS24-01 0-2'	Total/NA	Solid	8015M/D	11129
885-10621-2	WS24-02 0-3'	Total/NA	Solid	8015M/D	11129

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

GC Semi VOA (Continued)

Analysis Batch: 11297 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-3	WS24-03 0-2'	Total/NA	Solid	8015M/D	11129
885-10621-4	WS24-04 0-3'	Total/NA	Solid	8015M/D	11129
885-10621-5	WS24-05 0-3'	Total/NA	Solid	8015M/D	11129
885-10621-6	WS24-06 0-4'	Total/NA	Solid	8015M/D	11129
885-10621-7	WS24-07 0-3'	Total/NA	Solid	8015M/D	11129
885-10621-8	WS24-08 0-3'	Total/NA	Solid	8015M/D	11129
885-10621-9	WS24-09 0-3'	Total/NA	Solid	8015M/D	11129
885-10621-10	WS24-10 0-2'	Total/NA	Solid	8015M/D	11129
885-10621-11	WS24-11 2-4'	Total/NA	Solid	8015M/D	11129
885-10621-12	WS24-12 2-3'	Total/NA	Solid	8015M/D	11129
885-10621-13	WS24-13 3-4'	Total/NA	Solid	8015M/D	11129
885-10621-14	WS24-14 3-4'	Total/NA	Solid	8015M/D	11129
885-10621-15	WS24-15 2-3'	Total/NA	Solid	8015M/D	11129
885-10621-16	WS24-16 2-4'	Total/NA	Solid	8015M/D	11129
885-10621-17	BS24-31 2.0'	Total/NA	Solid	8015M/D	11129
885-10621-18	BS24-32 2.0'	Total/NA	Solid	8015M/D	11129
885-10621-19	BS24-33 2.0'	Total/NA	Solid	8015M/D	11129
885-10621-20	BS24-34 2.0'	Total/NA	Solid	8015M/D	11129
885-10621-47	BS24-61 3.0'	Total/NA	Solid	8015M/D	11342
885-10621-48	BS24-62 4.0'	Total/NA	Solid	8015M/D	11342
MB 885-11129/1-A	Method Blank	Total/NA	Solid	8015M/D	11129
MB 885-11342/1-A	Method Blank	Total/NA	Solid	8015M/D	11342
LCS 885-11129/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11129
LCS 885-11342/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11342
885-10621-20 MS	BS24-34 2.0'	Total/NA	Solid	8015M/D	11129
885-10621-20 MSD	BS24-34 2.0'	Total/NA	Solid	8015M/D	11129

Prep Batch: 11342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-47	BS24-61 3.0'	Total/NA	Solid	SHAKE	
885-10621-48	BS24-62 4.0'	Total/NA	Solid	SHAKE	
MB 885-11342/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11342/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 11400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-21	BS24-35 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-22	BS24-36 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-23	BS24-37 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-24	BS24-38 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-25	BS24-39 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-26	BS24-40 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-27	BS24-41 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-28	BS24-42 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-29	BS24-43 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-30	BS24-44 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-31	BS24-45 2.0'	Total/NA	Solid	8015M/D	11167
885-10621-32	BS24-46 4.0'	Total/NA	Solid	8015M/D	11167
885-10621-33	BS24-47 3.0'	Total/NA	Solid	8015M/D	11167
885-10621-34	BS24-48 3.0'	Total/NA	Solid	8015M/D	11167
885-10621-35	BS24-49 3.0'	Total/NA	Solid	8015M/D	11167

QC Association Summary

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

GC Semi VOA (Continued)

Analysis Batch: 11400 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-36	BS24-50 3.0'	Total/NA	Solid	8015M/D	11167
885-10621-37	BS24-51 3.0'	Total/NA	Solid	8015M/D	11167
885-10621-38	BS24-52 3.0'	Total/NA	Solid	8015M/D	11167
885-10621-39	BS24-53 3.0'	Total/NA	Solid	8015M/D	11167
885-10621-40	BS24-54 3.0'	Total/NA	Solid	8015M/D	11167
MB 885-11167/1-A	Method Blank	Total/NA	Solid	8015M/D	11167
LCS 885-11167/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11167
885-10621-40 MS	BS24-54 3.0'	Total/NA	Solid	8015M/D	11167
885-10621-40 MSD	BS24-54 3.0'	Total/NA	Solid	8015M/D	11167

HPLC/IC

Prep Batch: 11139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-1	WS24-01 0-2'	Total/NA	Solid	300_Prep	
885-10621-2	WS24-02 0-3'	Total/NA	Solid	300_Prep	
885-10621-3	WS24-03 0-2'	Total/NA	Solid	300_Prep	
885-10621-4	WS24-04 0-3'	Total/NA	Solid	300_Prep	
885-10621-5	WS24-05 0-3'	Total/NA	Solid	300_Prep	
885-10621-6	WS24-06 0-4'	Total/NA	Solid	300_Prep	
885-10621-7	WS24-07 0-3'	Total/NA	Solid	300_Prep	
885-10621-8	WS24-08 0-3'	Total/NA	Solid	300_Prep	
885-10621-9	WS24-09 0-3'	Total/NA	Solid	300_Prep	
885-10621-10	WS24-10 0-2'	Total/NA	Solid	300_Prep	
885-10621-11	WS24-11 2-4'	Total/NA	Solid	300_Prep	
885-10621-12	WS24-12 2-3'	Total/NA	Solid	300_Prep	
885-10621-13	WS24-13 3-4'	Total/NA	Solid	300_Prep	
885-10621-14	WS24-14 3-4'	Total/NA	Solid	300_Prep	
885-10621-15	WS24-15 2-3'	Total/NA	Solid	300_Prep	
885-10621-16	WS24-16 2-4'	Total/NA	Solid	300_Prep	
885-10621-17	BS24-31 2.0'	Total/NA	Solid	300_Prep	
885-10621-18	BS24-32 2.0'	Total/NA	Solid	300_Prep	
885-10621-19	BS24-33 2.0'	Total/NA	Solid	300_Prep	
885-10621-20	BS24-34 2.0'	Total/NA	Solid	300_Prep	
MB 885-11139/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11139/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 11154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-1	WS24-01 0-2'	Total/NA	Solid	300.0	11139
885-10621-2	WS24-02 0-3'	Total/NA	Solid	300.0	11139
885-10621-3	WS24-03 0-2'	Total/NA	Solid	300.0	11139
885-10621-4	WS24-04 0-3'	Total/NA	Solid	300.0	11139
885-10621-5	WS24-05 0-3'	Total/NA	Solid	300.0	11139
885-10621-6	WS24-06 0-4'	Total/NA	Solid	300.0	11139
885-10621-7	WS24-07 0-3'	Total/NA	Solid	300.0	11139
885-10621-8	WS24-08 0-3'	Total/NA	Solid	300.0	11139
885-10621-9	WS24-09 0-3'	Total/NA	Solid	300.0	11139
885-10621-10	WS24-10 0-2'	Total/NA	Solid	300.0	11139
885-10621-11	WS24-11 2-4'	Total/NA	Solid	300.0	11139
885-10621-12	WS24-12 2-3'	Total/NA	Solid	300.0	11139

QC Association Summary

Client: Vertex
Project/Site: Skor 34 Federal Com #1

Job ID: 885-10621-1

HPLC/IC (Continued)

Analysis Batch: 11154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-13	WS24-13 3-4'	Total/NA	Solid	300.0	11139
885-10621-14	WS24-14 3-4'	Total/NA	Solid	300.0	11139
885-10621-15	WS24-15 2-3'	Total/NA	Solid	300.0	11139
885-10621-16	WS24-16 2-4'	Total/NA	Solid	300.0	11139
885-10621-17	BS24-31 2.0'	Total/NA	Solid	300.0	11139
885-10621-18	BS24-32 2.0'	Total/NA	Solid	300.0	11139
885-10621-19	BS24-33 2.0'	Total/NA	Solid	300.0	11139
885-10621-20	BS24-34 2.0'	Total/NA	Solid	300.0	11139
MB 885-11139/1-A	Method Blank	Total/NA	Solid	300.0	11139
MB 885-11154/4	Method Blank	Total/NA	Solid	300.0	
LCS 885-11139/2-A	Lab Control Sample	Total/NA	Solid	300.0	11139
MRL 885-11154/3	Lab Control Sample	Total/NA	Solid	300.0	

Prep Batch: 11183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-21	BS24-35 2.0'	Total/NA	Solid	300_Prep	
885-10621-22	BS24-36 2.0'	Total/NA	Solid	300_Prep	
885-10621-23	BS24-37 2.0'	Total/NA	Solid	300_Prep	
885-10621-24	BS24-38 2.0'	Total/NA	Solid	300_Prep	
885-10621-25	BS24-39 2.0'	Total/NA	Solid	300_Prep	
885-10621-26	BS24-40 2.0'	Total/NA	Solid	300_Prep	
885-10621-27	BS24-41 2.0'	Total/NA	Solid	300_Prep	
885-10621-28	BS24-42 2.0'	Total/NA	Solid	300_Prep	
885-10621-29	BS24-43 2.0'	Total/NA	Solid	300_Prep	
885-10621-30	BS24-44 2.0'	Total/NA	Solid	300_Prep	
885-10621-31	BS24-45 2.0'	Total/NA	Solid	300_Prep	
885-10621-32	BS24-46 4.0'	Total/NA	Solid	300_Prep	
885-10621-33	BS24-47 3.0'	Total/NA	Solid	300_Prep	
885-10621-34	BS24-48 3.0'	Total/NA	Solid	300_Prep	
885-10621-35	BS24-49 3.0'	Total/NA	Solid	300_Prep	
885-10621-36	BS24-50 3.0'	Total/NA	Solid	300_Prep	
885-10621-37	BS24-51 3.0'	Total/NA	Solid	300_Prep	
885-10621-38	BS24-52 3.0'	Total/NA	Solid	300_Prep	
MB 885-11183/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11183/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-10621-21 MSD	BS24-35 2.0'	Total/NA	Solid	300_Prep	
885-10621-31 MS	BS24-45 2.0'	Total/NA	Solid	300_Prep	
885-10621-31 MSD	BS24-45 2.0'	Total/NA	Solid	300_Prep	

Analysis Batch: 11210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-21	BS24-35 2.0'	Total/NA	Solid	300.0	11183
885-10621-22	BS24-36 2.0'	Total/NA	Solid	300.0	11183
885-10621-23	BS24-37 2.0'	Total/NA	Solid	300.0	11183
885-10621-24	BS24-38 2.0'	Total/NA	Solid	300.0	11183
885-10621-25	BS24-39 2.0'	Total/NA	Solid	300.0	11183
885-10621-26	BS24-40 2.0'	Total/NA	Solid	300.0	11183
885-10621-27	BS24-41 2.0'	Total/NA	Solid	300.0	11183
885-10621-28	BS24-42 2.0'	Total/NA	Solid	300.0	11183
885-10621-29	BS24-43 2.0'	Total/NA	Solid	300.0	11183
885-10621-30	BS24-44 2.0'	Total/NA	Solid	300.0	11183

QC Association Summary

Client: Vertex Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

HPLC/IC (Continued)

Analysis Batch: 11210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-31	BS24-45 2.0'	Total/NA	Solid	300.0	11183
885-10621-32	BS24-46 4.0'	Total/NA	Solid	300.0	11183
885-10621-33	BS24-47 3.0'	Total/NA	Solid	300.0	11183
885-10621-34	BS24-48 3.0'	Total/NA	Solid	300.0	11183
885-10621-35	BS24-49 3.0'	Total/NA	Solid	300.0	11183
885-10621-36	BS24-50 3.0'	Total/NA	Solid	300.0	11183
885-10621-37	BS24-51 3.0'	Total/NA	Solid	300.0	11183
885-10621-38	BS24-52 3.0'	Total/NA	Solid	300.0	11183
MB 885-11183/1-A	Method Blank	Total/NA	Solid	300.0	11183
MB 885-11210/12	Method Blank	Total/NA	Solid	300.0	
LCS 885-11183/2-A	Lab Control Sample	Total/NA	Solid	300.0	11183
MRL 885-11210/11	Lab Control Sample	Total/NA	Solid	300.0	
885-10621-21 MSD	BS24-35 2.0'	Total/NA	Solid	300.0	11183
885-10621-31 MS	BS24-45 2.0'	Total/NA	Solid	300.0	11183
885-10621-31 MSD	BS24-45 2.0'	Total/NA	Solid	300.0	11183

Prep Batch: 11222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-39	BS24-53 3.0'	Total/NA	Solid	300_Prep	
885-10621-40	BS24-54 3.0'	Total/NA	Solid	300_Prep	
885-10621-41	BS24-55 3.0'	Total/NA	Solid	300_Prep	
885-10621-42	BS24-56 3.0'	Total/NA	Solid	300_Prep	
885-10621-43	BS24-57 3.0'	Total/NA	Solid	300_Prep	
MB 885-11222/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11222/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 11230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-44	BS24-58 3.0'	Total/NA	Solid	300_Prep	
885-10621-45	BS24-59 3.0'	Total/NA	Solid	300_Prep	
885-10621-46	BS24-60 2.0'	Total/NA	Solid	300_Prep	
MB 885-11230/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11230/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-10621-44 MS	BS24-58 3.0'	Total/NA	Solid	300_Prep	
885-10621-44 MSD	BS24-58 3.0'	Total/NA	Solid	300_Prep	

Analysis Batch: 11289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-39	BS24-53 3.0'	Total/NA	Solid	300.0	11222
885-10621-40	BS24-54 3.0'	Total/NA	Solid	300.0	11222
885-10621-41	BS24-55 3.0'	Total/NA	Solid	300.0	11222
885-10621-42	BS24-56 3.0'	Total/NA	Solid	300.0	11222
885-10621-43	BS24-57 3.0'	Total/NA	Solid	300.0	11222
MB 885-11222/1-A	Method Blank	Total/NA	Solid	300.0	11222
MB 885-11289/6	Method Blank	Total/NA	Solid	300.0	
LCS 885-11222/2-A	Lab Control Sample	Total/NA	Solid	300.0	11222
MRL 885-11289/5	Lab Control Sample	Total/NA	Solid	300.0	

Prep Batch: 11305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-47	BS24-61 3.0'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

HPLC/IC (Continued)

Prep Batch: 11305 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-48	BS24-62 4.0'	Total/NA	Solid	300_Prep	
MB 885-11305/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11305/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-10621-48 MS	BS24-62 4.0'	Total/NA	Solid	300_Prep	
885-10621-48 MSD	BS24-62 4.0'	Total/NA	Solid	300_Prep	

Analysis Batch: 11427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10621-44	BS24-58 3.0'	Total/NA	Solid	300.0	11230
885-10621-45	BS24-59 3.0'	Total/NA	Solid	300.0	11230
885-10621-46	BS24-60 2.0'	Total/NA	Solid	300.0	11230
885-10621-47	BS24-61 3.0'	Total/NA	Solid	300.0	11305
885-10621-48	BS24-62 4.0'	Total/NA	Solid	300.0	11305
MB 885-11230/1-A	Method Blank	Total/NA	Solid	300.0	11230
MB 885-11305/1-A	Method Blank	Total/NA	Solid	300.0	11305
LCS 885-11230/2-A	Lab Control Sample	Total/NA	Solid	300.0	11230
LCS 885-11305/2-A	Lab Control Sample	Total/NA	Solid	300.0	11305
885-10621-44 MS	BS24-58 3.0'	Total/NA	Solid	300.0	11230
885-10621-44 MSD	BS24-58 3.0'	Total/NA	Solid	300.0	11230
885-10621-48 MS	BS24-62 4.0'	Total/NA	Solid	300.0	11305
885-10621-48 MSD	BS24-62 4.0'	Total/NA	Solid	300.0	11305

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-01 0-2'
Lab Sample ID: 885-10621-1
Date Collected: 08/24/24 08:00
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 11:51
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 11:51
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 20:54
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 20:28

Client Sample ID: WS24-02 0-3'
Lab Sample ID: 885-10621-2
Date Collected: 08/24/24 08:05
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 13:02
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 13:02
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 21:05
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 21:30

Client Sample ID: WS24-03 0-2'
Lab Sample ID: 885-10621-3
Date Collected: 08/24/24 08:10
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 14:12
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 14:12
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 21:17
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 21:42

Client Sample ID: WS24-04 0-3'
Lab Sample ID: 885-10621-4
Date Collected: 08/24/24 08:15
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 14:35

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-04 0-3'
Lab Sample ID: 885-10621-4
Date Collected: 08/24/24 08:15
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 14:35
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 21:28
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 21:54

Client Sample ID: WS24-05 0-3'
Lab Sample ID: 885-10621-5
Date Collected: 08/24/24 08:20
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 14:59
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 14:59
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 21:39
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 22:07

Client Sample ID: WS24-06 0-4'
Lab Sample ID: 885-10621-6
Date Collected: 08/24/24 08:25
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 15:22
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 15:22
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 21:50
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 22:19

Client Sample ID: WS24-07 0-3'
Lab Sample ID: 885-10621-7
Date Collected: 08/24/24 08:30
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 15:45
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 15:45

Lab Chronicle

Client: Vertex Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-07 0-3' Lab Sample ID: 885-10621-7

Date Collected: 08/24/24 08:30 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 22:02
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 22:31

Client Sample ID: WS24-08 0-3' Lab Sample ID: 885-10621-8

Date Collected: 08/24/24 08:35 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 16:09
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 16:09
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 22:13
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 22:44

Client Sample ID: WS24-09 0-3' Lab Sample ID: 885-10621-9

Date Collected: 08/24/24 08:40 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 16:32
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 16:32
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 22:35
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 22:56

Client Sample ID: WS24-10 0-2' Lab Sample ID: 885-10621-10

Date Collected: 08/24/24 08:45 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 16:56
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 16:56
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 22:46

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-10 0-2'
Lab Sample ID: 885-10621-10
Date Collected: 08/24/24 08:45
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 23:33

Client Sample ID: WS24-11 2-4'
Lab Sample ID: 885-10621-11
Date Collected: 08/24/24 08:50
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 17:43
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 17:43
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 22:57
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/27/24 23:45

Client Sample ID: WS24-12 2-3'
Lab Sample ID: 885-10621-12
Date Collected: 08/24/24 08:55
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 18:06
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 18:06
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 23:08
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 00:23

Client Sample ID: WS24-13 3-4'
Lab Sample ID: 885-10621-13
Date Collected: 08/24/24 09:00
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 18:30
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 18:30
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 23:19
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 00:35

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: WS24-14 3-4'
Lab Sample ID: 885-10621-14
Date Collected: 08/24/24 09:05
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 18:53
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 18:53
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 23:31
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 00:47

Client Sample ID: WS24-15 2-3'
Lab Sample ID: 885-10621-15
Date Collected: 08/24/24 09:10
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 19:16
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 19:16
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 23:42
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 01:00

Client Sample ID: WS24-16 2-4'
Lab Sample ID: 885-10621-16
Date Collected: 08/24/24 09:15
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 19:40
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 19:40
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 23:53
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 01:12

Client Sample ID: BS24-31 2.0'
Lab Sample ID: 885-10621-17
Date Collected: 08/24/24 09:20
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 20:03

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-31 2.0'
Lab Sample ID: 885-10621-17
Date Collected: 08/24/24 09:20
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 20:03
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/30/24 00:04
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 01:24

Client Sample ID: BS24-32 2.0'
Lab Sample ID: 885-10621-18
Date Collected: 08/24/24 09:25
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 20:26
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 20:26
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/30/24 00:15
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 02:01

Client Sample ID: BS24-33 2.0'
Lab Sample ID: 885-10621-19
Date Collected: 08/24/24 09:30
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 20:50
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 20:50
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/30/24 00:38
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 02:14

Client Sample ID: BS24-34 2.0'
Lab Sample ID: 885-10621-20
Date Collected: 08/24/24 09:35
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 21:13
Total/NA	Prep	5030C			11112	JP	EET ALB	08/27/24 12:20
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 21:13

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-34 2.0'
Lab Sample ID: 885-10621-20
Date Collected: 08/24/24 09:35
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11129	EM	EET ALB	08/27/24 15:06
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/30/24 00:49
Total/NA	Prep	300_Prep			11139	EH	EET ALB	08/27/24 15:47
Total/NA	Analysis	300.0		20	11154	KB	EET ALB	08/28/24 02:26

Client Sample ID: BS24-35 2.0'
Lab Sample ID: 885-10621-21
Date Collected: 08/24/24 09:40
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/28/24 23:34
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/28/24 23:34
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 12:10
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 12:39

Client Sample ID: BS24-36 2.0'
Lab Sample ID: 885-10621-22
Date Collected: 08/24/24 09:45
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 00:44
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 00:44
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 12:20
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 13:24

Client Sample ID: BS24-37 2.0'
Lab Sample ID: 885-10621-23
Date Collected: 08/24/24 09:50
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 01:54
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 01:54
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 12:31

Lab Chronicle

Client: Vertex Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-37 2.0' Lab Sample ID: 885-10621-23

Date Collected: 08/24/24 09:50 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 13:40

Client Sample ID: BS24-38 2.0' Lab Sample ID: 885-10621-24

Date Collected: 08/24/24 09:55 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 02:17
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 02:17
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 12:42
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 13:55

Client Sample ID: BS24-39 2.0' Lab Sample ID: 885-10621-25

Date Collected: 08/24/24 10:00 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 02:41
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 02:41
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 12:52
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 14:40

Client Sample ID: BS24-40 2.0' Lab Sample ID: 885-10621-26

Date Collected: 08/24/24 10:05 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 03:04
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 03:04
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 13:03
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 14:56

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-41 2.0'
Lab Sample ID: 885-10621-27
Date Collected: 08/24/24 10:10
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 03:28
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 03:28
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 13:14
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 15:11

Client Sample ID: BS24-42 2.0'
Lab Sample ID: 885-10621-28
Date Collected: 08/24/24 10:15
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 03:51
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 03:51
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 13:25
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 15:26

Client Sample ID: BS24-43 2.0'
Lab Sample ID: 885-10621-29
Date Collected: 08/24/24 10:20
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 04:15
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 04:15
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 13:46
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 15:41

Client Sample ID: BS24-44 2.0'
Lab Sample ID: 885-10621-30
Date Collected: 08/24/24 10:25
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 04:38

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-44 2.0'
Lab Sample ID: 885-10621-30
Date Collected: 08/24/24 10:25
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 04:38
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 13:57
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 15:56

Client Sample ID: BS24-45 2.0'
Lab Sample ID: 885-10621-31
Date Collected: 08/24/24 10:30
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 05:25
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 05:25
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 14:08
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 16:12

Client Sample ID: BS24-46 4.0'
Lab Sample ID: 885-10621-32
Date Collected: 08/24/24 10:35
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 05:48
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 05:48
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 14:18
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 16:57

Client Sample ID: BS24-47 3.0'
Lab Sample ID: 885-10621-33
Date Collected: 08/24/24 10:40
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 06:11
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 06:11

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-47 3.0'
Lab Sample ID: 885-10621-33
Date Collected: 08/24/24 10:40
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 14:29
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 17:43

Client Sample ID: BS24-48 3.0'
Lab Sample ID: 885-10621-34
Date Collected: 08/24/24 10:45
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 06:35
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 06:35
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 14:40
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 17:58

Client Sample ID: BS24-49 3.0'
Lab Sample ID: 885-10621-35
Date Collected: 08/24/24 10:50
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 06:58
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 06:58
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 14:51
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 18:13

Client Sample ID: BS24-50 3.0'
Lab Sample ID: 885-10621-36
Date Collected: 08/24/24 10:55
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 07:22
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 07:22
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 15:02

Lab Chronicle

Client: Vertex Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-50 3.0' Lab Sample ID: 885-10621-36

Date Collected: 08/24/24 10:55 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 18:28

Client Sample ID: BS24-51 3.0' Lab Sample ID: 885-10621-37

Date Collected: 08/24/24 11:00 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 07:45
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 07:45
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 15:13
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 18:43

Client Sample ID: BS24-52 3.0' Lab Sample ID: 885-10621-38

Date Collected: 08/24/24 11:05 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 08:09
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 08:09
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 15:24
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 18:59

Client Sample ID: BS24-53 3.0' Lab Sample ID: 885-10621-39

Date Collected: 08/24/24 11:10 **Matrix: Solid**
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 08:32
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 08:32
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 15:46
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 20:51

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-54 3.0'
Lab Sample ID: 885-10621-40
Date Collected: 08/24/24 11:15
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8015M/D		1	11309	JP	EET ALB	08/29/24 08:56
Total/NA	Prep	5030C			11118	AT	EET ALB	08/27/24 13:17
Total/NA	Analysis	8021B		1	11310	JP	EET ALB	08/29/24 08:56
Total/NA	Prep	SHAKE			11167	EM	EET ALB	08/28/24 08:31
Total/NA	Analysis	8015M/D		1	11400	EM	EET ALB	08/30/24 15:57
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/28/24 21:28

Client Sample ID: BS24-55 3.0'
Lab Sample ID: 885-10621-41
Date Collected: 08/24/24 11:20
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 22:00
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 22:00
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 16:10
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 02:00

Client Sample ID: BS24-56 3.0'
Lab Sample ID: 885-10621-42
Date Collected: 08/24/24 11:25
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 22:22
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 22:22
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 16:23
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 02:12

Client Sample ID: BS24-57 3.0'
Lab Sample ID: 885-10621-43
Date Collected: 08/24/24 11:30
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 22:44

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-57 3.0'
Lab Sample ID: 885-10621-43
Date Collected: 08/24/24 11:30
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 22:44
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 16:36
Total/NA	Prep	300_Prep			11222	EH	EET ALB	08/28/24 13:55
Total/NA	Analysis	300.0		20	11289	RC	EET ALB	08/29/24 02:25

Client Sample ID: BS24-58 3.0'
Lab Sample ID: 885-10621-44
Date Collected: 08/24/24 11:35
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 23:27
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 23:27
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 16:49
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 09:34

Client Sample ID: BS24-59 3.0'
Lab Sample ID: 885-10621-45
Date Collected: 08/24/24 11:40
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/28/24 23:49
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/28/24 23:49
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 17:02
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 10:19

Client Sample ID: BS24-60 2.0'
Lab Sample ID: 885-10621-46
Date Collected: 08/24/24 11:45
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8015M/D		1	11303	AT	EET ALB	08/29/24 00:11
Total/NA	Prep	5030C			11132	AT	EET ALB	08/27/24 15:28
Total/NA	Analysis	8021B		1	11304	AT	EET ALB	08/29/24 00:11

Lab Chronicle

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Client Sample ID: BS24-60 2.0'
Lab Sample ID: 885-10621-46
Date Collected: 08/24/24 11:45
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11224	KR	EET ALB	08/28/24 14:10
Total/NA	Analysis	8015M/D		1	11296	KR	EET ALB	08/29/24 17:16
Total/NA	Prep	300_Prep			11230	EH	EET ALB	08/28/24 15:56
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 10:34

Client Sample ID: BS24-61 3.0'
Lab Sample ID: 885-10621-47
Date Collected: 08/24/24 11:50
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11233	AT	EET ALB	08/28/24 16:28
Total/NA	Analysis	8015M/D		1	11390	AT	EET ALB	08/29/24 19:23
Total/NA	Prep	5030C			11233	AT	EET ALB	08/28/24 16:28
Total/NA	Analysis	8021B		1	11392	AT	EET ALB	08/29/24 19:23
Total/NA	Prep	SHAKE			11342	EM	EET ALB	08/29/24 12:50
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 17:13
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 13:59
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 15:37

Client Sample ID: BS24-62 4.0'
Lab Sample ID: 885-10621-48
Date Collected: 08/24/24 11:55
Matrix: Solid
Date Received: 08/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11233	AT	EET ALB	08/28/24 16:28
Total/NA	Analysis	8015M/D		1	11390	AT	EET ALB	08/29/24 20:28
Total/NA	Prep	5030C			11233	AT	EET ALB	08/28/24 16:28
Total/NA	Analysis	8021B		1	11392	AT	EET ALB	08/29/24 20:28
Total/NA	Prep	SHAKE			11342	EM	EET ALB	08/29/24 12:50
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 17:24
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 13:59
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 15:53

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Job ID: 885-10621-1
Project/Site: Skor 34 Federal Com #1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

Chain-of-Custody Record

Client: Vertex (EOG)

Mailing Address: 3101 Boyd Dr. Carlsbad, NM, 88220

Phone #: 575.725.5001

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 5-day
☒ Standard ☑ Rush

Project Name: SKor 34 Federal Com #1

Project #: 24E-03090

Project Manager: Chance Dixon

Sampler: AL
On Ice: ☒ Yes ☐ No CrNcid
# of Coolers: 2 4.8-0.3 =4.5°C
Cooler Temp(including CF): 4.4-0.3=4.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-10621 COC
1/4

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	(BTEX) / MTBE / TMB's (8021)	(TPH) 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(Cl), F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.24.24	0800	Soil	WS24-01 0-2'	4oz	ICE	1	↓	↓					↓			
↓	0805	↓	WS24-02 0-3'	↓	↓	2										
	0810		WS24-03 0-2'			3										
	0815		WS24-04 0-3'			4										
	0820		WS24-05 0-3'			5										
	0825		WS24-06 0-4'			6										
	0830		WS24-07 0-3'			7										
	0835		WS24-08 0-3'			8										
	0840		WS24-09 0-3'			9										
	0845		WS24-10 0-2'			10										
	0850		WS24-11 2-3'			11										
	0855		WS24-12 2-3'			12										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/26/24	915	[signature]	[signature]		8/26/24	915
8/26/24	1900	[signature]	SCM	COURIER	8/27/24	0800

Remarks: Direct bill to EOG Resources Inc.
CC: cdixon@vertexresource.com
ALudvik@vertexresource.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Vertex (EOG)

Mailing Address: 3101 Boyd Dr. Carlsbad, NM, 88220

Phone #: 575.725.5001

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-day
☒ Standard ☐ Rush

Project Name: SKor 34 Federal Com #1

Project #: 24E-03090

Project Manager: Chance Dixon

Sampler: AL

On Ice: ☒ Yes ☐ No CHUCKY

# of Coolers: 2 4.8-0.3=4.5°C

Cooler Temp(including CF): 4.4-0.3=4.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.24.24	0900	soil	WS24-13 3-4'	4oz	ICE	13										
	0905		WS24-14 3-4'			14										
	0910		WS24-15 2-3'			15										
	0915		WS24-16 2-4'			16										
	0920		BS24-31 2.0'			17										
	0925		BS24-32 2.0'			18										
	0930		BS24-33 2.0'			19										
	0935		BS24-34 2.0'			20										
	0940		BS24-35 2.0'			21										
	0945		BS24-36 2.0'			22										
	0950		BS24-37 2.0'			23										
↓	0955	↓	BS24-38 2.0'	↓	↓	24	↓	↓					↓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/26/24	915				8/26/24	915
8/26/24	1900		SCM	COURIER	8/27/24	0800

Remarks: Direct bill to EOG Resources Inc.
cc: cdixon@vertexresources.com
ALudvik@Vertexresources.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Vertex (EOG)

Mailing Address: 3101 Boyd Dr Carlsbad, NM, 88220

Phone #: 575.725.5001

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
5 day
☒ Standard ☑ Rush

Project Name: SKor 34 Federal Com #1

Project #: 24E-03090

Project Manager: Chance Dixon

Sampler: AL

On Ice: ☒ Yes ☐ No CHUCKY

# of Coolers: 2 4.8-0.3=4.5°C

Cooler Temp(including CF): 4.4-0.3=4.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

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Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.24.24	1000	Soil	BS24-39 2.0'	4oz	ICE	25										
	1005		BS24-40 2.0'			26										
	1010		BS24-41 2.0'			27										
	1015		BS24-42 2.0'			28										
	1020		BS24-43 2.0'			29										
	1025		BS24-44 2.0'			30										
	1030		BS24-45 4.0'			31										
	1035		BS24-46 4.0'			32										
	1040		BS24-47 3.0'			33										
	1045		BS24-48 3.0'			34										
	1050		BS24-49 3.0'			35										
	1055		BS24-50 3.0'			36										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/26/24	915				8/26/24	915
8/27/24	1900		SCM	COURIER	8/27/24	0800

Remarks: Direct bill to EOG Resources Inc.
cc: cdixon@vertexresources.com
ALudvik@vertexresources.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Vertex (EOG)

Mailing Address: 3101 Boyd Dr. Carlsbad, NM, 88220

Phone #: 575. 725. 5001

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
5 day
☐ Standard ☑ Rush

Project Name: SKor 34 Federal Com #1

Project #: 24E-03090

Project Manager: Chance Dixon

Sampler: AL

On Ice: ☒ Yes ☐ No CHUCKY

# of Coolers: 3

Cooler Temp(including CF): 4.8 -0.3=4.5°C / 4.4 -0.3=4.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

4/4

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.24.24	1100	Soil	BS24-51 3.0'	4oz	ICE	37										
	1105		BS24-52 3.0'			38										
	1110		BS24-53 3.0'			39										
	1115		BS24-54 3.0'			40										
	1120		BS24-55 3.0'			41										
	1125		BS24-56 3.0'			42										
	1130		BS24-57 3.0'			43										
	1135		BS24-58 3.0'			44										
	1140		BS24-59 3.0'			45										
	1145		BS24-60 2.0'			46										
	1150		BS24-61 3.0'			47										
	1155		BS24-62 4.0'			48										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/26/24	915				8/26/24	915
8/26/24	1900		SCM	COURIER	8/27/24	0800

Remarks: Direct bill to EOG Resources Inc.
CC. cdixon@vertexresource.com
ALudvik@vertexresource.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-10621-1

Login Number: 10621 **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 meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 16, 2024

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: SKOR 34 FED COM #1

Enclosed are the results of analyses for samples received by the laboratory on 09/13/24 14:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS24 - 21 3.5' (H245593-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	QM-07
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	QM-07
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS24 - 50 3.5' (H245593-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS24 - 51 3.5' (H245593-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS24 - 58 3.5' (H245593-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: WS24 - 17 2-4' (H245593-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS24 - 39 3.5' (H245593-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane *75.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: BS24 - 41 2.5' (H245593-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: WS24 - 18 2-4' (H245593-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	09/16/2024	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/16/2024	Sampling Type:	Soil
Project Name:	SKOR 34 FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	24E - 03090	Sample Received By:	Alyssa Parras
Project Location:	EOG		

Sample ID: WS24 - 19 2-4' (H245593-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	1.90	95.2	2.00	13.3	
Toluene*	<0.050	0.050	09/13/2024	ND	1.83	91.5	2.00	21.4	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.86	93.0	2.00	27.3	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.7	6.00	29.6	
Total BTEX	<0.300	0.300	09/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	09/16/2024	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane *98.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	EOG / Vertex	BILL TO	
Project Manager:	Chance Dixon	P.O. #:	EOG
Address:	ON FILE	Company:	ON FILE
City:	State: Zip:	Attn:	
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name:	SKOIR 34 Fed Com	State: Zip:	
Project Location:		Phone #:	
Sampler Name:		Fax #:	

FOR LAB USE ONLY

Lab I.D.: H245598

Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	BTEX 8021	TPH 8015D	CHLORIDE
1	BS24-21	3.5'	C	1			X					X		9-13-24	0900	✓	✓	✓
2	BS24-50	3.5'	↓	↓			↓					↓		↓	0910	↓	↓	↓
3	BS24-51	3.5'													0920			
4	BS24-58	3.5'													0930			
5	WS24-17	2-4'													0940			
6	BS24-39	3.5'													1000			
7	BS24-41	3.5'													1010			
8	WS24-18	2-4'													1020			
9	WS24-19	2-4'	↓	↓			↓					↓		↓	1030	↓	↓	↓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Austin Harris	Date: 9-13-24 Time: 1444	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertex.ca
Relinquished By:	Date: Time:	Received By:	REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.9 Corrected Temp. °C 1.3	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush: ☒ 24 hrs Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C -0.6° Yes/Yes No/No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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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

Action 424212

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2410231723**
Incident Name	**NAPP2410231723 SKOR 34 FED COM #1 @ 30-015-33925**
Incident Type	**Other**
Incident Status	**Reclamation Report Received**
Incident Well	**[30-015-33925] SKOR 34 FEDERAL COM #001**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Skor 34 Fed Com #1
Date Release Discovered	04/10/2024
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Other
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	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	Cause: Human Error | Truck | Unknown | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	An unauthorized 3rd party release of an unknown quantity of an unknown substance believed to be produced water.

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Kennedy Title: Safety and Environmental Doecialist Email: James_kennedy@eogresources.com Date: 07/08/2024

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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 ½ and 1 (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	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	10400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	26
GRO+DRO (EPA SW-846 Method 8015M)	26
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	10/06/2024
On what date will (or did) the final sampling or liner inspection occur	10/06/2024
On what date will (or was) the remediation complete(d)	10/06/2024
What is the estimated surface area (in square feet) that will be reclaimed	12200
What is the estimated volume (in cubic yards) that will be reclaimed	1500
What is the estimated surface area (in square feet) that will be remediated	12200
What is the estimated volume (in cubic yards) that will be remediated	1500
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Kennedy Title: Safety and Environmental Doecialist Email: James_kennedy@eogresources.com Date: 07/08/2024
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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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**382971**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**09/17/2024**
What was the (estimated) number of samples that were to be gathered	**9**
What was the sampling surface area in square feet	**1800**

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	12200
What was the total volume (cubic yards) remediated	1500
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	12200
What was the total volume (in cubic yards) reclaimed	1500
Summarize any additional remediation activities not included by answers (above)	Please see attached closure request report

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Kennedy Title: Safety and Environmental Doecialist Email: James_kennedy@eogresources.com Date: 01/23/2025

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	15661
What was the total volume of replacement material (in cubic yards) for this site	1920
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	10/06/2024
Summarize any additional reclamation activities not included by answers (above)	Please see attached report
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Kennedy Title: Safety and Environmental Doecialist Email: James_kennedy@eogresources.com Date: 01/23/2025

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QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 424212
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Reclamation/Remediation Closure Report for Incident #NAPP2410231723 SKOR 34 FED COM #1, thank you. This Reclamation/Remediation Closure Report is approved. For future reference, 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.	2/5/2025