



Incident Number: nAPP2526948722

Release Assessment and Closure

Hawk 35 Federal CTB

Unit A, Section 35, Township 24 South, Range 33 East

Facility ID: fAPP2204049819

County: Lea

Vertex File Number: 24E-03931

Prepared for:

EOG Resources Inc.

Prepared by:

Vertex Resource Services Inc.

Date:

March 2026

EOG Resources Inc.
Hawk 35 Federal CTB

Release Assessment and Closure
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Hawk 35 Federal CTB
Unit A, Section 35, Township 24 South, Range 33 East
Facility ID: fAPP2204049819
County: Lea

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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 a produced water release that occurred on August 20, 2024, at Hawk 35 Federal CTB, Facility ID fAPP2204049819 (hereafter referred to as the “site”). Incident ID number nAPP2526948722 was assigned to this incident.

This report provides a description of the release assessment and remediation activities associated with the site. The information presented demonstrates that closure criteria established in Table I of 19.15.29.12 of the *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) related to NMOCD has been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for closure of this release, with the understanding that restoration of the release site was completed for all areas that are considered pastureland per NMAC 19.15.29.13. All areas of the release that were located on pad were rebuilt to on-pad conditions for oil and gas activities to continue.

2.0 Incident Description

The release occurred on August 20, 2024, due to equipment failure. The incident was reported on September 26, 2025, and involved the release of approximately 25 barrels (bbl) of produced water on the pad site and into the pasture west and north of the site. The initial release estimate was reported as 4 barrels of produced water with no liquids recovered. However, further site investigation revealed that the original estimate was under-reported from the field. The official calculated release estimate was 25 barrels of produced water. Please see the remediation plan that was approved on October 2, 2025, for further details.

3.0 Site Characteristics

The site is located approximately 19.5 miles west of Jal, New Mexico. The legal location for the site is Unit A, Section 35, Township 24 South and Range 33 East in Lea County, New Mexico. The release area is located on Bureau of Land Management 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 release 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, 2026) indicates the site’s surface geology primarily comprises Qep – eolian and piedmont deposits (Holocene to middle Pleistocene). Predominant soil textures around the site are well-drained gravelly fine sandy loams and fine sandy loams with medium runoff potential (United States Department of Agriculture, Natural Resources Conservation Service, 2026). The karst geology potential for the site is low (United States Department of the Interior, Bureau of Land Management, 2018).

The surrounding landscape is associated with ridges with elevations ranging between 3,000 and 4,400 feet. The climate is semiarid with average annual precipitation ranging between 10 and 16 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be grasses with shrubs and half-shrubs

(United States Department of Agriculture, Natural Resources Conservation Service, 2026). Limited to no vegetation is allowed to grow on the compacted production pad.

4.0 Closure Criteria Determination

The nearest depth to groundwater reference to the site is a geothermal borehole advanced 0.11 miles to the southwest on January 10, 2013. The borehole was terminated at 75 feet below ground surface (bgs) without encountering the water surface (New Mexico Office of the State Engineer, 2026). Information pertaining to the depth to ground water determination is included in Appendix A.

The nearest active well to the site is used for livestock watering and is located approximately 1.51 miles northeast of the site (New Mexico Office of the State Engineer, 2026). There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located approximately 0.73 miles east of the site (United States Fish and Wildlife Service, 2026). 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.

EOG Resources Inc.
Hawk 35 Federal CTB

Release Assessment and Closure
March 2026

Table 1. Closure Criteria Determination			
Site Name: Hawk 35 Federal CTB			
Spill Coordinates: 32.1804631,-103.5373024		X: 637895	Y: 3561377
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	>75	feet
	Distance between release and nearest DTGW reference	579	feet
		0.11	miles
Date of nearest DTGW reference measurement		January 10, 2013	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	3,853	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	22,650	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	44,789	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	7,979	feet
	ii) Within 1000 feet of any fresh water well or spring	7,979	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	1,412	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	124,775	feet
9	Risk of Karst Geology	Low	Critical High Medium Low
	Distance between release and nearest unstable area	27,048	feet
10	Within a 100-year Floodplain	Undetermined	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	77,145	feet
11	Soil Type	Gravelly fine sandy loam	
12	Ecological Classification	Shallow Sandy	
13	Geology	Eolian and piedmont deposits	
NMAC 19.15.29.12 E (Table 1) Closure Criteria		51-100'	<50' 51-100' >100'

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

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
0-4 feet bgs (19.15.29.13)	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
DTGW 51-100 feet (19.15.29.12)	Chloride	10,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 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

DTGW – depth to groundwater

bgs – below ground surface

5.0 Remedial Actions Taken

Initial characterization of the release area adjacent to the production equipment was completed by Vertex between August 29 and November 19, 2024, including horizontal delineation. Full characterization and delineation was completed during remedial activities. The total impacted area was initially determined to be 9,702 square feet. The results for areas that required further delineation during remedial activities are included in Table 3. Please see the approved remediation plan for all initial characterization results.

The remediation plan included a confirmation sampling variance request consisting of five-point composite samples for every 400 square feet for the base of the proposed excavation. The site characterization, remediation work plan, and variance for confirmation base sampling were approved on October 2, 2025, with the following conditions:

- *“All areas not reasonably needed for production, including those areas off pad and in pasture, must be restored fully through re-vegetation; those points include: BH24-37, BH24-07, BH24-36, BH24-38, BH-24-26.”*
- *“The variance request to collect 5-point composite samples every 400 sq. ft., rather than every 200 sq. ft. is approved.”*
- *“Collect grab samples in areas which have discoloration and staining as proposed.”*
- *“Ensure confirmation samples are collected, both floor and sidewalls as needed, in areas where only field screening were taken: BH24-36, BH24-38, BH24-26 to confirm impact has been removed.”*
- *“Complete vertical delineation as proposed for BH24-07 and BH24-37.”*

Remediation efforts began on November 21, 2025, with the daylighting of underground utilities via hydro-vac, and were finalized on February 21, 2026. Vertex personnel supervised the excavation of impacted soils to reclamation closure criteria. Field screening consisted of analysis using a Photo Ionization Detector (volatile hydrocarbons), a Dextsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons), an electroconductivity probe (chloride) and Silver Nitrate Titration (chloride). Field screening results were used to identify areas requiring further remediation. Soils were removed to depths between 0.5 and 6 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Daily Field Reports documenting various phases of the remediation are presented in Appendix C.

On December 29, 2025, EOG requested a 45-day extension for the incident remediation due to slow excavation progress. The extension was Approved by the NMOCD on December 29, 2025. The approval email is included in Appendix B.

Notifications that confirmation samples were being collected were provided to the NMOCD at least 48 hours prior to each sampling event. Confirmation composite samples were collected from the base of the excavation in increments no greater than 400 square feet increments, per the approved variance. Confirmation composite samples were collected from excavation walls in increments no greater than 200 square feet. The areas of the excavation bases and walls were approximately 11,307 and 5,197 square feet, respectively. A total of 37 base samples and 36 wall samples were collected for laboratory analysis following NMOCD soil sampling procedures. One composite sample of caliche backfill material and one composite sample of topsoil backfill material (BG25-01 and BG25-02, respectively) were collected from the source pit on November 5, 2025. Samples were submitted to Eurofins Environment Testing in Albuquerque, New Mexico, under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Excavation extent and confirmation sample locations are shown on Figure 2, laboratory results are presented in Table 4, and the laboratory data reports are included in Appendix D.

Discrete samples were collected at BH24-07 and BH24-37 from the bases of the excavations at their respective locations. Laboratory results for BH24-07 were below NMOCD strictest criteria for chloride and TPH. Laboratory results for BH24-37 were within closure criteria for depth to groundwater between 51 and 100 feet bgs. The chloride concentration of the produced water exceeded 10,000 mg/L; however, the depth to groundwater is greater than 55 feet bgs and the release resulted in a total of 5 bbl of unrecovered produced water, which is less than 200 bbl. Therefore, delineation for NMOCD standards at depth to groundwater between 51 and 100 feet was obtained at 4 feet bgs and the most stringent standards were not required at that depth.

All final confirmation samples collected and analyzed were below reclamation closure criteria for the site. Upon completion of remedial actions, approximately 11,307 square feet and 833 cubic yards of the pad and adjacent pasture was remediated to reclamation closure criteria. Laboratory results for all confirmation samples collected from the remediation area were below closure criteria. The excavation extended as close as safely possible to the production equipment and infrastructure included within the release area.

6.0 Closure Request

Vertex recommends no additional remediation action to address the release at Hawk 35 Federal CTB. Laboratory analyses of the final confirmatory samples showed constituent of concern concentration levels below NMOCD reclamation closure criteria for areas where depth to groundwater is between 51 and 100 feet bgs as shown in Table 2. There are no anticipated risks to human, ecological or hydrological receptors associated with the release 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 ponding of water and erosion.

EOG Resources, Inc, requests that the remediation for nAPP2526948722 be approved as all closure 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 attachments is 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 closure on the release at Hawk 35 Federal CTB.

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 total area to be reclaimed during ongoing oilfield operations is 2,392 square feet. The boundaries of the reclamation area matched the areas off the edge of the facility pad on Figure 2. The Field Report detailing seeding is provided in Appendix C.

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 portions of the site not currently in use were reclaimed so that the capability of the land matches that of the areas immediately surrounding the site, which consists of rangeland.

7.2 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 backfill operations. Clean, locally sourced topsoil and caliche were imported to the site to backfill the excavation (Table 3).

7.3 Restoration of Drainage

Currently, the site consists of a pasture area gently sloping down from north to south. The site was contoured to match the surrounding topography as near as practicable to restore natural drainage. Any compaction on-site was addressed by de-compaction to an approximate depth of 12 inches. All de-compaction activities were conducted post-backfill procedures and pre-seeding to maximize seed to soil contact and promote vegetation establishment.

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 on March, 11, 2026. Seed establishment and re-vegetation will be monitored, bi-annually, to determine success. A BLM #2 seed mixture consisting of Sand dropseed – 1.0 lb/acre, Sand love grass – 1 lb/acre, and Plains bristlegrass – 2 lb/acre was obtained for the site and administered by Vertex personnel. Seeding was completed via hand broadcast at double the seed rate and broadcasted on all areas under reclamation. Photograph documentation of the excavation area after backfilling and seeding was completed is included in Appendix B.

7.6 Weed Management

The pasture 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

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

9.0 Final Summary

Reclamation of the off-pad portions of the release has been completed. Reclamation of the on-pad portion of the release area will be completed at the same time all oil and gas activities/equipment are decommissioned and the pad is reclaimed. The final revegetation report will be documented once the full release area has reached 100% reclamation. 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 Project Manager Chance Dixon at 575.988.1472 or cdixon@vertexresource.com

10.0 References

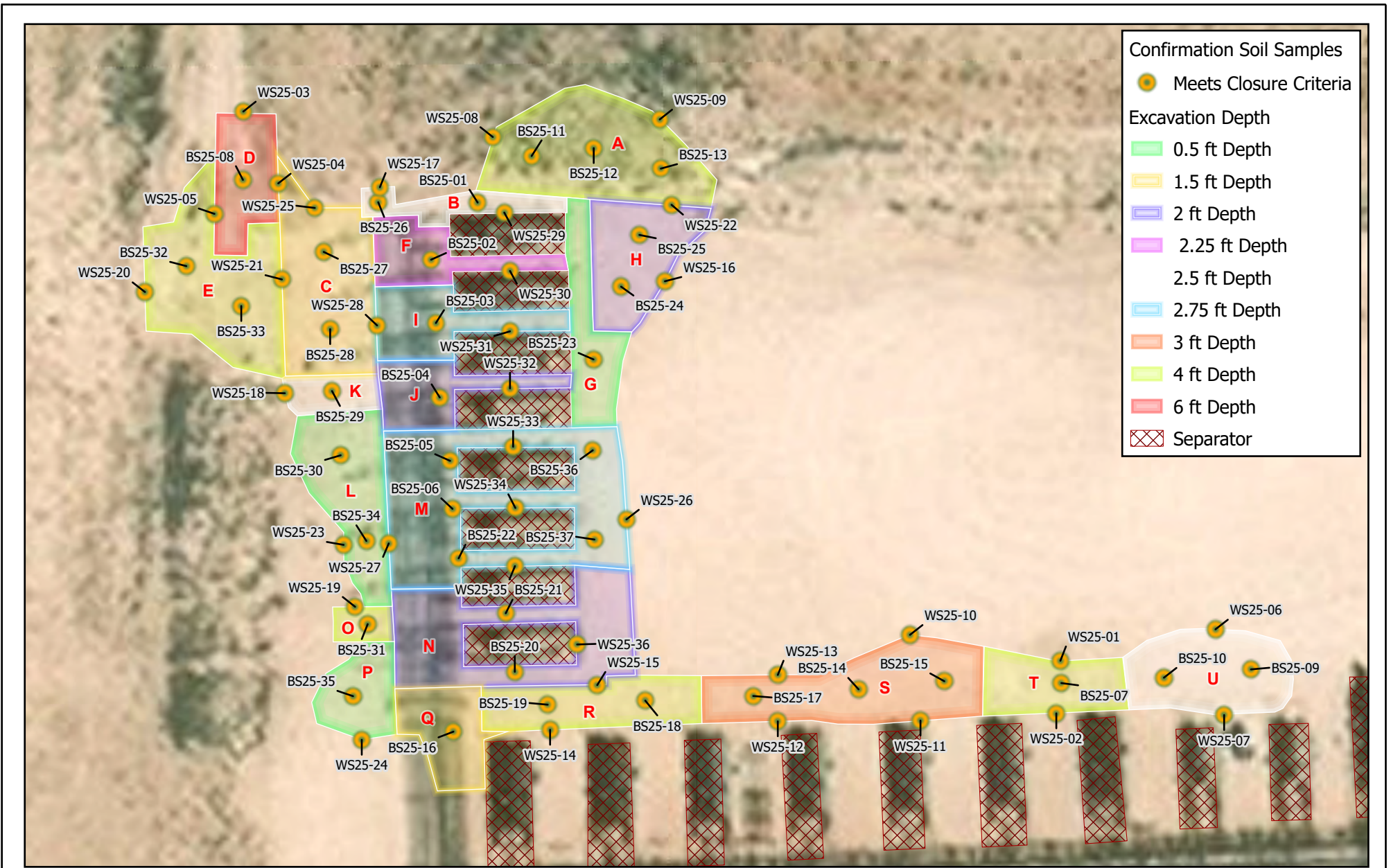
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11.0 Limitations

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. Conclusions and recommendations presented in this report should not be considered legal advice.

FIGURES




 Map Center: Lat/Long: 32.180604°N, 103.537185°W
 Date: Feb 23/26
 NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Confirmation Sample Locations
Hawk 35 Fed CTB

FIGURE: **1** 

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes. Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

TABLES

Client Name: EOG Resources Inc
 Site Name: Hawk 35 Federal CTB
 NMOCD Tracking #: nAPP2526948722
 Project #: 24E-03931
 Lab Reports: 885-37138, 885-39201, 885-40465, 885-41130, 885-41188, 885-41676, H260475,
 H260537, 885-42612, H260873, 885-43080, 855-43480, and H261018

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic	
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)	
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)		
											Depth to Groundwater 51-100 feet bgs
Base Samples											
BS25-01	0.5	November 21, 2025	ND	ND	ND	ND	ND	ND	ND	ND	1500
	2.5	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND	170
BS25-02	0.5	November 21, 2025	ND	ND	ND	ND	ND	ND	ND	ND	1600
	2	February 6, 2026	ND	ND	ND	ND	ND	ND	ND	ND	610
BS25-02	2.25	February 21, 2026	ND	ND	ND	ND	ND	ND	ND	ND	176
	0.5	November 21, 2025	ND	ND	ND	ND	ND	ND	ND	ND	1600
BS25-03	2.5	February 14, 2026	ND	ND	ND	35	150	35	185	130	130
	2.75	February 21, 2026	ND	ND	ND	ND	ND	ND	ND	ND	112
BS25-04	0.5	November 21, 2025	ND	ND	ND	ND	ND	ND	ND	ND	1800
	2	February 6, 2026	ND	ND	ND	ND	ND	ND	ND	ND	600
BS25-05	0.5	November 21, 2025	ND	ND	ND	ND	ND	ND	ND	ND	1700
	2.5	February 14, 2026	ND	ND	ND	35	200	35	235	140	140
BS25-05	2.75	February 21, 2026	ND	ND	ND	ND	ND	ND	ND	ND	112
	0.5	November 21, 2025	ND	ND	ND	ND	ND	ND	ND	ND	1700
BS25-06	2.5	February 14, 2026	ND	ND	ND	31	130	31	161	180	180
	2.75	February 21, 2026	ND	ND	ND	ND	ND	ND	ND	ND	144
BS25-07	3.5	December 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND	1200
	4	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	ND	720
BS25-08	6	December 4, 2025	ND	ND	ND	170	130	170	300	330	330
BS25-09	2.5	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	ND	150
BS25-10	2.5	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	ND	170
BS25-11	4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	ND	620
BS25-12	4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	ND	1100
BS25-13	4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	ND	2200
BS25-14	3	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS25-15	3	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	ND	56
BS25-16	1.5	January 23, 2026	ND	ND	13.3	ND	12.4	13.3	25.7	32	32
BS25-17	3	January 8, 2026	ND	ND	ND	17	ND	17	17	81	81
BS25-18	3	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	ND	960
	4	January 23, 2026	ND	ND	ND	11.9	ND	11.9	11.9	32	32
BS25-19	4	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	ND	1000
BS25-20	2	January 31, 2026	ND	ND	ND	ND	ND	ND	ND	ND	540
BS25-21	2	January 31, 2026	ND	ND	ND	ND	ND	ND	ND	ND	140
BS25-22	2.5	February 14, 2026	ND	ND	ND	31	130	31	161	170	170
	2.75	February 21, 2026	ND	ND	ND	ND	ND	ND	ND	ND	144
BS25-23	0.5	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	ND	370



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Depth to Groundwater 51-100 feet bgs										
BS25-24	2	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	370
BS25-25	2	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	260
BS25-26	2.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS25-27	1.5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	160
BS25-28	1.5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	64
BS25-29	2.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	450
BS25-30	0.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	200
BS25-31	3	January 9, 2026	ND	ND	ND	140	ND	140	149	180
	4	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	64
BS25-32	4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	2300
BS25-33	4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	2700
BS25-34	0.5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	144
BS25-35	0.5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	96
BS25-36	2.5	February 14, 2026	ND	ND	ND	21	140	21	141	180
	2.75	February 21, 2026	ND	ND	ND	ND	ND	ND	ND	176
BS25-37	2.5	February 14, 2026	ND	ND	ND	26	160	26	186	200
	2.75	February 21, 2026	ND	ND	ND	ND	ND	ND	ND	160
Wall Samples										
WS25-01	0-3.5	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	58
WS25-02	0-3.5	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	94
WS25-03	0-6	December 23, 2025	ND	ND	13	ND	ND	13	13	ND
WS25-04	0-6	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	130
WS25-05	3-6	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	59
WS25-06	0-2.5	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-07	0-2.5	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	190
WS25-08	0-4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	97
WS25-09	0-4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	150
WS25-10	0-3	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	52
WS25-11	0-3	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	150
WS25-12	0-3	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	68
WS25-13	0-3	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS25-14	0-4	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS25-15	1.5-4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	73
WS25-16	0-2	January 8, 2026	ND	ND	ND	ND	ND	ND	ND	260
WS25-17	0-2.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS25-18	0.5-2.5	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	250
WS25-19	0-3	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	74
WS25-20	0-4	January 31, 2026	ND	ND	ND	ND	ND	ND	ND	200



Client Name: EOG Resources Inc
 Site Name: Hawk 35 Federal CTB
 NMOCD Tracking #: nAPP2526948722
 Project #: 24E-03931
 Lab Reports: 885-37138, 885-39201, 885-40465, 885-41130, 885-41188, 885-41676, H260475,
 H260537, 885-42612, H260873, 885-43080, 855-43480, and H261018

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
WS25-21	1.5-4	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	48
WS25-22	2-4	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	304
WS25-23	0-0.5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	160
WS25-24	0-0.5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	192
WS25-25	0-0.5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	48
WS25-26	0-2.5	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	80
WS25-27	0.5-2.5	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	59
WS25-28	1.5-2.5	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	57
WS25-29	0-2.5	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	94
WS25-30	0-2	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	170
WS25-31	0-2.5	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	110
WS25-32	0-2	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	180
WS25-33	0-2.5	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	140
WS25-34	0-2.5	February 14, 2026	ND	ND	ND	ND	ND	ND	ND	190
WS25-35	0-2.5	February 6, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS25-36	0-2	February 6, 2026	ND	ND	ND	ND	ND	ND	ND	ND
Delineation (Condition of Approval)										
BH24-07	-	November 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH24-37	-	November 5, 2025	ND	ND	ND	ND	ND	ND	ND	940
Backfill Samples										
BG25-01	-	November 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BG25-02	-	November 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria

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

Strikethrough indicates the excavation depth was increased and the soil represented by the sample was removed



Table 4. Excavation Measurements			
Excavation Area ID	Excavation Depth	Area (Sq Ft)	Perimeter (Ft)
A	4 ft Depth	975	133
B	2.5 ft Depth	221	110
C	1.5 ft Depth	804	133
D	6 ft Depth	391	91
E	4 ft Depth	913	161
F	2.25 ft Depth	337	117
G	0.5 ft Depth	396	126
H	2 ft Depth	521	98
I	2.75 ft Depth	399	119
J	2 ft Depth	333	116
K	2.5 ft Depth	176	58
L	0.5 ft Depth	614	116
M	2.75 ft Depth	1200	317
N	2 ft Depth	859	236
O	4 ft Depth	104	42
P	0.5 ft Depth	309	69
Q	1.5 ft Depth	354	90
R	4 ft Depth	508	120
S	3 ft Depth	867	153
T	4 ft Depth	399	91
U	2.5 ft Depth	617	99

APPENDIX A – Closure Criteria Research Documentation

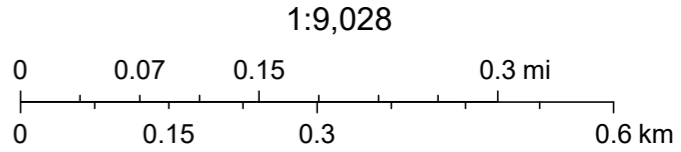
OSE POD Location Map



8/27/2024, 9:38:09 AM

GIS WATERS PODs

- Active
- OSE District Boundary
- NHD Flowlines
- Stream River



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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) BH 24			OSE FILE NUMBER(S) C3603; 518404		
	WELL OWNER NAME(S) INTERCONTINENTAL POTASH CORP			PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 600 W. BENDER BLVD.			CITY HOBBS	STATE NM	ZIP 88240
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 10	SECONDS 44.8	N	
	LONGITUDE 103	32	17.8	W		
* ACCURACY REQUIRED: ONE TENTH OF A SECOND						
* DATUM REQUIRED: WGS 84						
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE T24S; R 33E; SECTION 35						

2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1186	NAME OF LICENSED DRILLER RODNEY HAMMER			NAME OF WELL DRILLING COMPANY ENVIRO-DRILL, INC.			
	DRILLING STARTED 01-10-13	DRILLING ENDED 01-10-13	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT) 75'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input checked="" type="radio"/> DRY HOLE <input type="radio"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)			
	DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input checked="" type="radio"/> OTHER - SPECIFY: AUGER							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	75	8"	N/A	N/A	N/A	N/A	N/A

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 06/08/2012)		
FILE NUMBER	C-3603	POD NUMBER	/	TRN NUMBER	518404
LOCATION	T24S-R33E-Sec 35.223				PAGE 1 OF 2



02. Distance to Riverine



August 27, 2024

Wetlands

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

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.



03. Lakebed



August 27, 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.

Hawk 35 Fed CTB Distance to Residence

Write a description for your map.

- 44,789
- Release

Residence

Hearns pit

32.180123, -103.536706





07. Distance to wetland



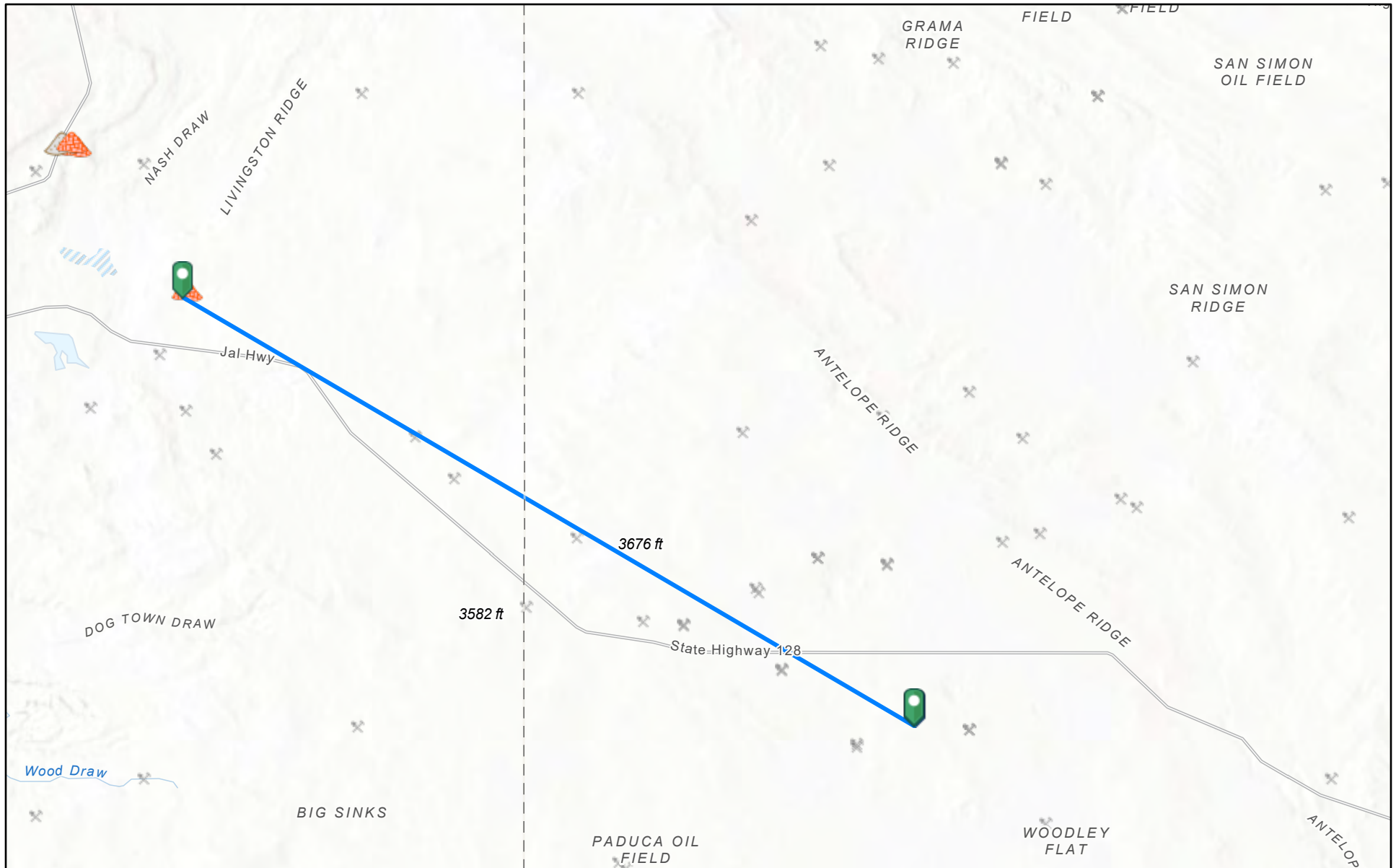
August 27, 2024

Wetlands

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

08. Hawk 35Feb CTB_Mine_124,775 ft



8/27/2024, 1:53:01 PM

Registered Mines

Aggregate, Stone etc.



Aggregate, Stone etc.



Aggregate, Stone etc.

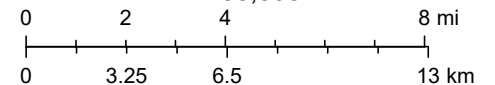


Potash



Salt

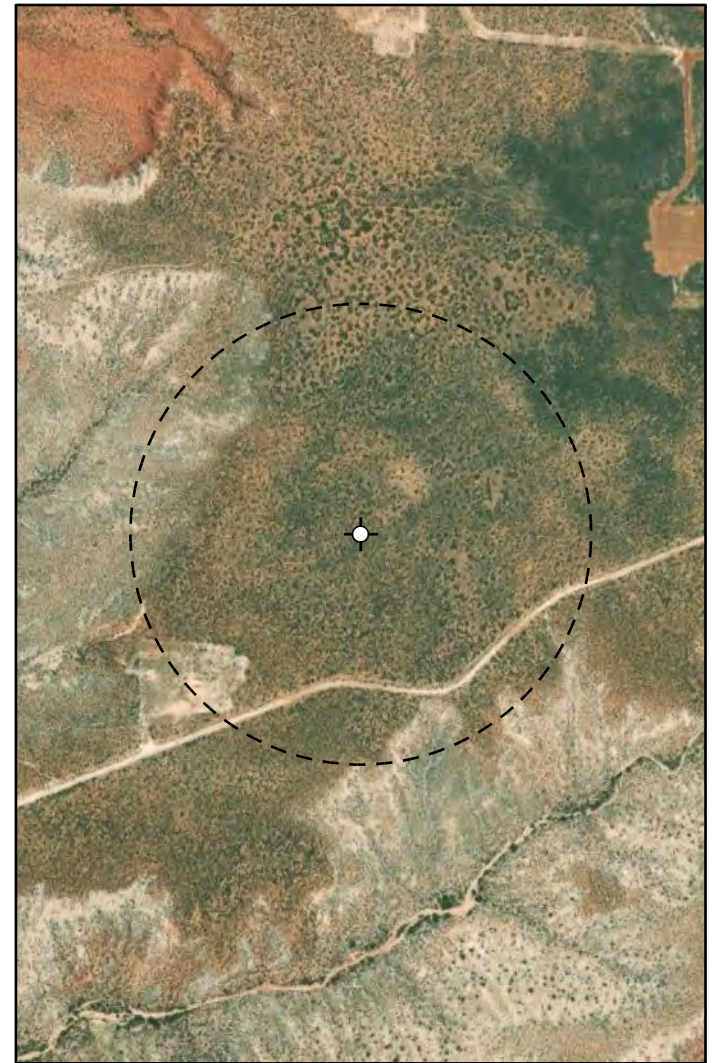
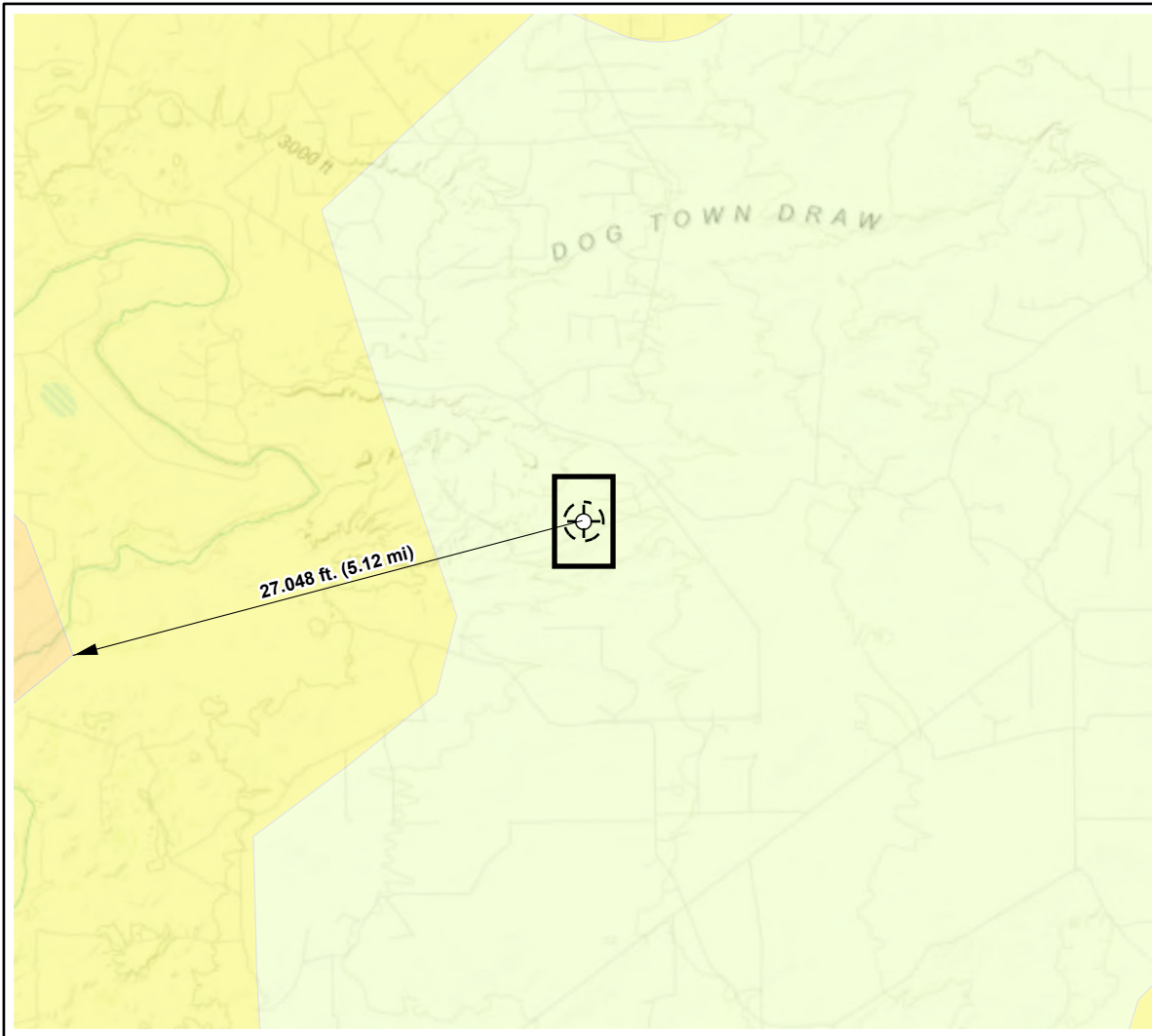
1:288,895



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

EMNRD MMD GIS Coordinator

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



Karst Potential

- Critical
- High
- Medium
- Low

- Site Buffer (1000 ft.)
- + Site Location



Map Center:
Lat/Long
32.180128°, -103.923636°

NAD 1983 UTM Zone 13N
Date: Sep 08/24



**Karst Potential Map
Hawk 35 Fed CTB**

Figure:
X



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: Inset Map, Esri 2023; Overview Map: Esri World Topographic. Karst potential data sources from Roswell Field Office, Bureau of Land Management, 2020 or United States Department of the Interior, Bureau of Land Management, (2018). Karst Potential.

National Flood Hazard Layer FIRMette



103°32'31"W 32°11'4"N



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

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

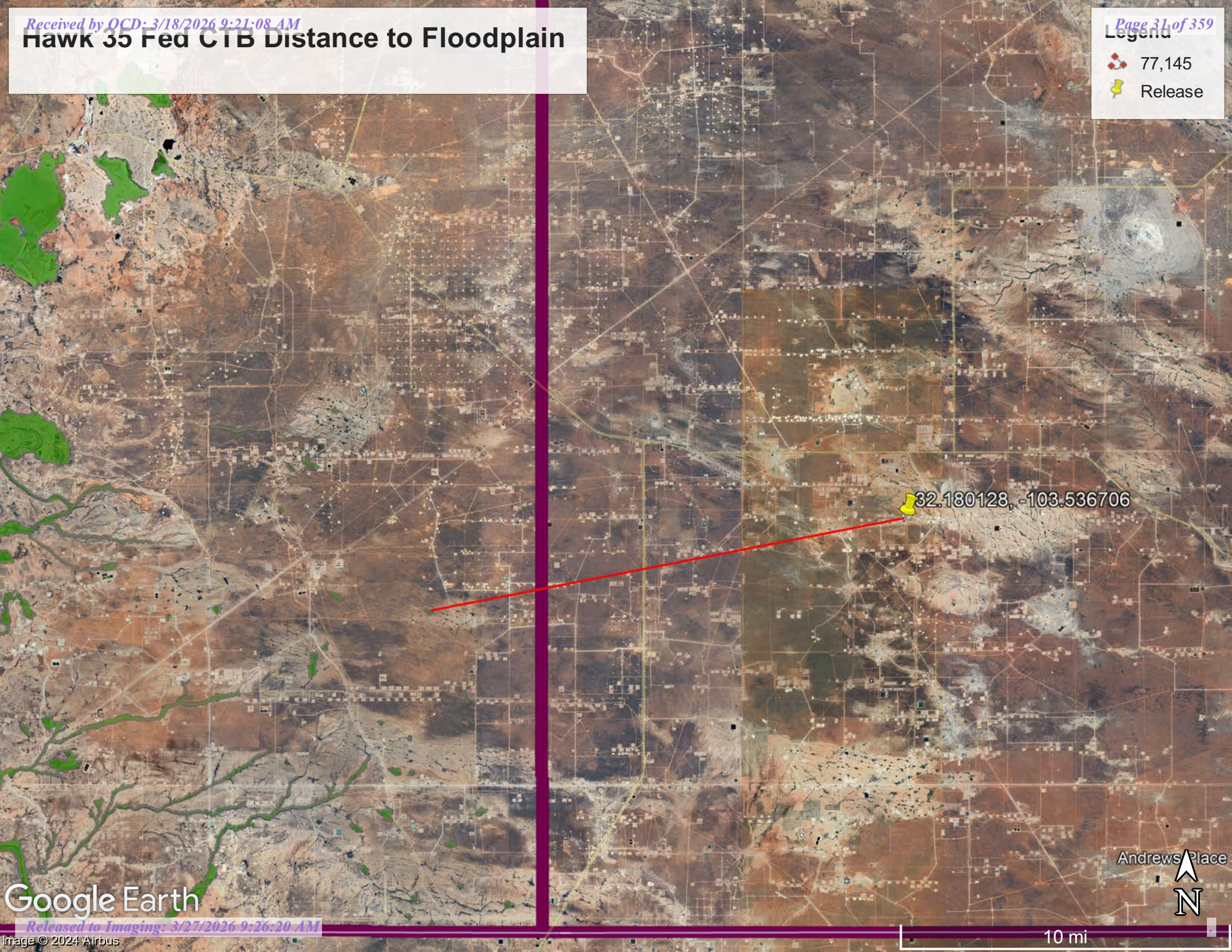
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/27/2024 at 4:11 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.

Hawk 35 Fed CTB Distance to Floodplain

Legend

-  77,145
-  Release



32.180128, -103.536706

Andrews Place



Google Earth

10 mi

Custom Soil Resource Report

Lea County, New Mexico**BE—Berino-Cacique loamy fine sands association****Map Unit Setting**

National map unit symbol: dmpd
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent
Cacique and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino**Setting**

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 6 inches: loamy fine sand
Btk - 6 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

APPENDIX B – NMOCD Correspondence

Lakin Pullman

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Monday, December 29, 2025 10:44 AM
To: Chase Settle
Cc: CFO_Spill, BLM_NM; Chance Dixon
Subject: RE: [EXTERNAL] Remediation Extension Request - Hawk 35 Fed CTB - nAPP2526948722

Caution: This email is from an external sender. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

Good morning, Chase

The request for a 45-day extension from the current deadline is approved for the incident at the Hawk 35 Fed CTB nAPP2526948722 . The application page will be updated to reflect this change. The new deadline to submit the closure report is 02/17/2026. Please include this correspondence in the closure report.

Kind regards,

Mike

From: Chase Settle <Chase_Settle@eogresources.com>
Sent: Wednesday, December 24, 2025 8:36 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: CFO_Spill, BLM_NM <blm_nm_cfo_spill@blm.gov>; Chance Dixon <cdixon@vertexresource.com>
Subject: [EXTERNAL] Remediation Extension Request - Hawk 35 Fed CTB - nAPP2526948722

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

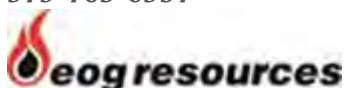
Good Morning Mike,

I would like to request an extension (45 days) for completion of the remedial activities at the Hawk 35 Fed CTB nAPP2526948722 to February 13, 2026. We have currently excavated ~75% of the impacted area, with areas remaining primarily around pipelines. The hand excavation around the pipelines and under the pipe rack has slowed the excavation progress from what was originally thought achievable, but we believe the additional extension will be sufficient for the completion of the remedial activities at the site.

Thank you,

Chase Settle
Environmental Specialist

EOG Resources, Inc.
575-703-6537



APPENDIX C – Field Reports



Daily Site Visit Report

Site Photos

Viewing Direction: West



Description: Photo 1
Viewing Direction: West
Dose: Far southeast corner looking west
Created: 3/8/2026 4:16:23 PM
Lat: 32.180490, Long: -103.536838

Far southeast corner looking west over 2.5' dig

Viewing Direction: West



Description: Photo 2
Viewing Direction: West
Dose: Far southeast corner looking west over 4' dig immediately west of 2.5' A
Created: 3/8/2026 4:17:24 PM
Lat: 32.180490, Long: -103.536838

Far southeast corner looking west over 4' dig immediately west of 2.5' dig.
Hydro vac'd underground flow lines seen.



Daily Site Visit Report

Viewing Direction: West



Descriptive Photo: 3
Viewing Direction: West
Desc: Far south side looking west over 3' dig.
Created: 1/8/2026 3:18:42 PM
Lat: 32.189581, Long: -103.217011

Far south side looking west over 3' dig.

Viewing Direction: West



Descriptive Photo: 4
Viewing Direction: West
Desc: Hydro vac'd flow lines seen.
3' dig extends west to 4' dig in southwest corner.
Created: 1/8/2026 3:16:31 PM
Lat: 32.189485, Long: -103.217125

Hydro vac'd flow lines seen.
3' dig extends west to 4' dig in southwest corner.

Viewing Direction: East



Descriptive Photo: 5
Viewing Direction: East
Desc: 4' dig in southwest corner looking east.
Created: 1/8/2026 3:20:17 PM
Lat: 32.189481, Long: -103.217324

4' dig in Southwest corner looking east.

Viewing Direction: North



Descriptive Photo: 6
Viewing Direction: North
Desc: 0.5' dig around area around separators. East side extending north.
Created: 1/8/2026 3:21:03 PM
Lat: 32.189323, Long: -103.217263

0.5' dig around separators. East side extending north.



Daily Site Visit Report

Viewing Direction: North



Descriptive Photo - 7
Viewing Direction: North
Desc: 2' Ao dig on north side of pad
Created: 1/8/2026 3:21:31 PM
Lat:32.180691, Long:-103.527329

2' dig on north side of pad.

Viewing Direction: Northwest



Descriptive Photo - 8
Viewing Direction: Northwest
Desc: 2.5' Ao dig immediately off pad to north
Created: 1/8/2026 3:24:11 PM
Lat:32.180739, Long:-103.527329

2.5' dig immediately off pad to north.

Viewing Direction: South



Descriptive Photo - 9
Viewing Direction: South
Desc: 0.5' Ao dig below pipe rack
Created: 1/8/2026 3:25:36 PM
Lat:32.180739, Long:-103.527329

0.5' dig below pipe rack.

Viewing Direction: South



Descriptive Photo - 10
Viewing Direction: South
Desc: West side of pipe rack being taken down to 0.5'
Created: 1/8/2026 3:24:17 PM
Lat:32.180727, Long:-103.527467

West side of pipe rack being taken down to 0.5'



Daily Site Visit Report

Viewing Direction: North



Description: Photo - 12
Viewing Direction: North
Date: 1/8/2026 12:24:32 PM
Created: 1/8/2026 12:24:32 PM
Latitude: 32.980527 Longitude: -103.537296

Hydro vac'd flow lines extending north off pad.

Viewing Direction: East



Description: Photo - 13
Viewing Direction: East
Date: 1/8/2026 12:30:30 PM
Created: 1/8/2026 12:30:30 PM
Latitude: 32.980527 Longitude: -103.537296

Flow lines and 3' excavated area, exposed via hydro vac

Viewing Direction: East



Description: Photo - 13
Viewing Direction: East
Date: 1/8/2026 12:27:09 PM
Created: 1/8/2026 12:27:09 PM
Latitude: 32.980527 Longitude: -103.537296

2.5' dig on west side of pipe rack

Viewing Direction: Southeast



Description: Photo - 14
Viewing Direction: Southeast
Date: 1/8/2026 12:29:46 PM
Created: 1/8/2026 12:29:46 PM
Latitude: 32.980527 Longitude: -103.537296

2.5' dig on far north side of pipe rack exposed



Daily Site Visit Report

Viewing Direction: West

Description Photo - 3
Viewing Direction: West
Desc: 3. 3rd flow line from north completely uncovered via hydro vac as there will ultimately be 3' excavation in this area
Created: 1/10/2026 2:33:57 PM
Lat: 32.180516 Long: -103.373421

3rd flow line from north completely uncovered via hydro vac as there will ultimately be 3' excavation in this area

Viewing Direction: West

Description Photo - 4
Viewing Direction: West
Desc: 2. 2.5' excavation on west side of pipe rack had below criteria base sample. Loose material needs removed before wall sampled.
Created: 1/10/2026 2:34:30 PM
Lat: 32.180516 Long: -103.373421

2.5' excavation on west side of pipe rack had below criteria base sample. Loose material needs removed before wall sampled.

Viewing Direction: West

Description Photo - 5
Viewing Direction: West
Desc: 3. 3' excavation base and wall samples screened below criteria
Created: 1/10/2026 2:35:17 PM
Lat: 32.180516 Long: -103.373421

3' excavation base and wall samples screened below criteria

Viewing Direction: South

Description Photo - 6
Viewing Direction: South
Desc: Southern corner still needs dug down to .5'
Created: 1/10/2026 2:35:58 PM
Lat: 32.180516 Long: -103.373421

Southern corner under pipe rack still needs dug down to .5'



Daily Site Visit Report

Site Photos

Viewing Direction: South



Location for samples BS25-06 , 22, and 21 at 1.5ft bgs.

Viewing Direction: West



BS25-06 between the separators.

Viewing Direction: North



BS24-20 at 1.5 ft bgs.

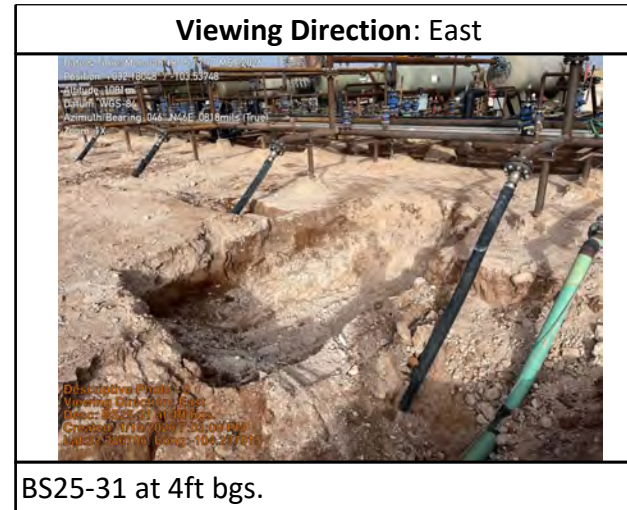
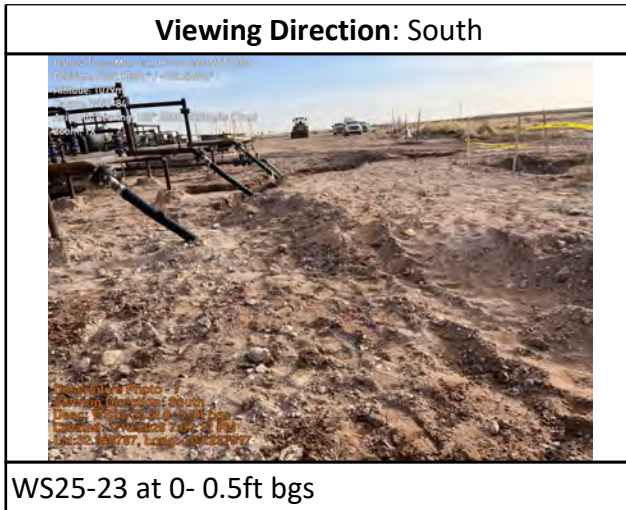
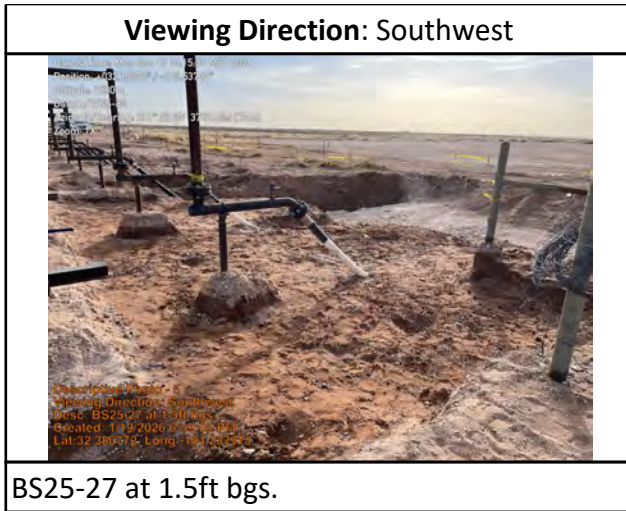
Viewing Direction: South



BS25-16 at 1.5ft bgs.

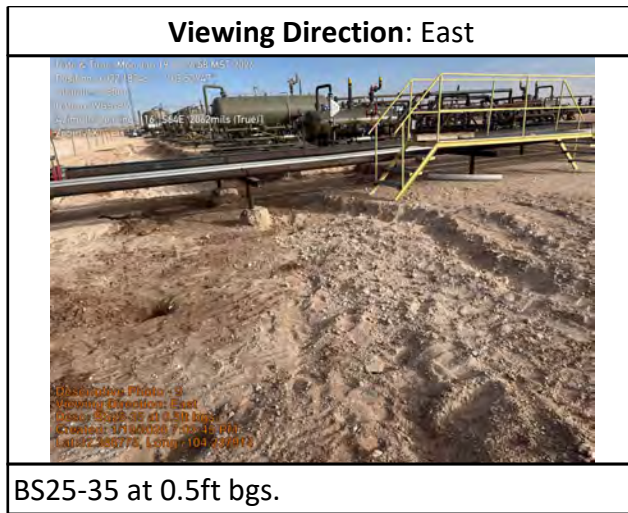


Daily Site Visit Report





Daily Site Visit Report





Daily Site Visit Report

Site Photos

Viewing Direction: West



Eastern extent of the southern excavation.

Viewing Direction: East



Western extent of the southern excavation.

Viewing Direction: North



East side of the separators at 1.5ft bgs.

Viewing Direction: West



Islands that the separators are sitting on top have remained structurally intact.



Daily Site Visit Report

Viewing Direction: East

Date & Time: Wed Jan 21 12:45:30 MST 2026
Position: +032.18077, -103.53727
Altitude: 1079m
Datum: WGS-84
Azimuth/Bearing: 179, S01E 3182mils True
Zoom: 1X

Descriptive Photo - 1
Viewing Direction: East
Dose: Northeastern 4ft bgs excavation
Created: 1/21/2026 2:53:55 PM
Lat: 32.288745, Long: -104.237833

East side of the separators viewed from the northern extent.

Viewing Direction: East

Date & Time: Wed Jan 21 12:45:16 MST 2026
Position: +032.18081, -103.53736
Altitude: 1079m
Datum: WGS-84
Azimuth/Bearing: 187, S01E 3203mils True
Zoom: 1X

Descriptive Photo - 5
Viewing Direction: East
Dose: Northeastern 4ft bgs excavation
Created: 1/21/2026 2:53:55 PM
Lat: 32.288745, Long: -104.237833

Northeastern 4ft bgs excavation.

Viewing Direction: South

Date & Time: Wed Jan 21 12:08:36 MST 2026
Position: +032.18078, -103.53737
Altitude: 1079m
Datum: WGS-84
Azimuth/Bearing: 189, S03W 3253mils True
Zoom: 1X

Descriptive Photo - 2
Viewing Direction: Southern
Dose: BS25-27 and BS25-28 at 1.5ft bgs
Created: 1/21/2026 3:04:27 PM
Lat: 32.288745, Long: -104.237833

Northern extent of the excavation on the west side of the separators.

Viewing Direction: South

Date & Time: Wed Jan 21 12:08:36 MST 2026
Position: +032.18081, -103.53727
Altitude: 1079m
Datum: WGS-84
Azimuth/Bearing: 150, S30E 3245mils True
Zoom: 1X

Descriptive Photo - 8
Viewing Direction: South
Dose: BS25-27 and BS25-28 at 1.5ft bgs
Created: 1/21/2026 3:03:55 PM
Lat: 32.288745, Long: -104.237833

BS25-27 and BS25-28 at 1.5ft bgs.



Daily Site Visit Report

Viewing Direction: Southwest

Date & Time: Wed Jan 21 12:10:45 MST 2026
Position: 1032.18950, -104.23780
Altitude: 1078m
Datum: WGS-84
Azimuth Bearing: 104.1916m (True)
Zoom: 1x

Descriptive Photo - 9
Viewing Direction: Southwest
Depth: BS25-32 and 33 at 4ft bgs.
Created: 1/21/2026 10:17 PM
Lat: 32.388750, Long: -104.23780

BS25-32 and 33 at 4ft bgs.

Viewing Direction: East

Date & Time: Wed Jan 21 12:10:45 MST 2026
Position: 1032.18950, -104.23780
Altitude: 1078m
Datum: WGS-84
Azimuth Bearing: 104.1916m (True)
Zoom: 1x

Descriptive Photo - 10
Viewing Direction: East
Depth: BS25-29 at 2.5 ft bgs.
Created: 1/21/2026 3:11:04 PM
Lat: 32.388750, Long: -104.23780

BS25-29 at 2.5 ft bgs.

Viewing Direction: East

Date & Time: Wed Jan 21 12:11:29 MST 2026
Position: 1032.18950, -104.23780
Altitude: 1078m
Datum: WGS-84
Azimuth Bearing: 95.7 N57E 4073m (True)
Zoom: 1x

Descriptive Photo - 11
Viewing Direction: East
Depth: BS25-31 at 4ft bgs.
Created: 1/21/2026 3:13:53 PM
Lat: 32.388750, Long: -104.23780

BS25-31 at 4ft bgs.

Viewing Direction: Southeast

Date & Time: Wed Jan 21 12:11:29 MST 2026
Position: 1032.18950, -104.23780
Altitude: 1078m
Datum: WGS-84
Azimuth Bearing: 104.1916m (True)
Zoom: 1x

Descriptive Photo - 12
Viewing Direction: Southeast
Depth: BS25-35 at 0.5ft bgs.
Created: 1/21/2026 3:17:34 PM
Lat: 32.388750, Long: -104.23780

BS25-35 at 0.5ft bgs.



Daily Site Visit Report

Viewing Direction: West



BS25-16 at 1.5ft bgs.

Viewing Direction: North



The north-south trending pipeline located at the northwestern extending the pad is being hydrovac to step out WS25-20 at 0-4ft.

Viewing Direction: South



Spot checked hydrovac line along WS25-20.

Viewing Direction: East



Spot checked hydrovac line along WS25-20.



Daily Site Visit Report

Site Photos

Viewing Direction: North



Descriptive Photo - 1
Viewing Direction: North
Date: 3/23/2026 11:27:24 AM
Created: 3/23/2026 11:27:24 AM
Lat: 32.180641, Long: -103.837667

BS25-27 and 28 at 0.5 ft bgs.

Viewing Direction: North



Descriptive Photo - 2
Viewing Direction: North
Date: 3/23/2026 11:27:24 AM
Created: 3/23/2026 11:27:24 AM
Lat: 32.180641, Long: -103.837667

WS25-25 at 0-1.5ft bgs.

Viewing Direction: East



Descriptive Photo - 3
Viewing Direction: East
Date: 3/23/2026 11:27:24 AM
Created: 3/23/2026 11:27:24 AM
Lat: 32.180641, Long: -103.837667

BS25-31 at 4ft bgs.

Viewing Direction: West



Descriptive Photo - 4
Viewing Direction: West
Date: 3/23/2026 11:27:24 AM
Created: 3/23/2026 11:27:24 AM
Lat: 32.180641, Long: -103.837667

BS25-34 at 0.5ft bgs.



Daily Site Visit Report

Viewing Direction: East



Descriptive Photo - 5
Viewing Direction: East
Ditch: BS25-35 at 0.5 ft bgs and WS25-24 at 0-0.5ft bgs.
Created: 1/23/2026 11:20:26 AM
Lat: 32.98474, Long: -103.53763

BS25-35 at 0.5 ft bgs and WS25-24 at 0-0.5ft bgs.

Viewing Direction: Northwest



Descriptive Photo - 6
Viewing Direction: Northwest
Ditch: WS25-23 at 0.5ft bgs.
Created: 1/23/2026 11:20:31 AM
Lat: 32.98474, Long: -103.53763

WS25-23 at 0.5ft bgs.

Viewing Direction: East



Descriptive Photo - 7
Viewing Direction: East
Ditch: BS25-21 at 1.5-4ft bgs.
Created: 1/23/2026 11:20:34 AM
Lat: 32.98474, Long: -103.53763

WS25-21 at 1.5-4ft bgs.

Viewing Direction: North




Descriptive Photo - 8
Viewing Direction: North
Ditch: BS25-11, 12, and 13 at 4ft bgs.
Created: 1/23/2026 11:20:37 AM
Lat: 32.98474, Long: -103.53763

BS25-11, 12, and 13 at 4ft bgs.



Daily Site Visit Report


Viewing Direction: North



Descriptive Photo - 9
Viewing Direction: North
Desc: Pipeline partially exposed from hydrovac operations at WS25-20
Created: 1/23/2025 11:25:36 AM
Latitude: 33.0071, Longitude: -103.837599

Pipeline partially exposed from hydrovac operations at WS25-20


Viewing Direction: South



Descriptive Photo - 10
Viewing Direction: South
Desc: Exposed pipeline window adjacent to WS25-20
Created: 1/23/2025 11:27:10 AM
Latitude: 33.0071, Longitude: -103.837599

Exposed pipeline window adjacent to WS25-20.


Viewing Direction: South



Descriptive Photo - 11
Viewing Direction: South
Desc: Exposed pipeline window adjacent to WS25-20
Created: 1/23/2025 11:27:30 AM
Latitude: 33.0071, Longitude: -103.837599

Exposed pipeline window adjacent to WS25-20.

Viewing Direction: South



Descriptive Photo - 12
Viewing Direction: South
Desc: BS25-01 through BS25-03 currently at 1.5 ft bgs.
Created: 1/23/2025 11:28:27 AM
Latitude: 33.0071, Longitude: -103.837599

BS25-01 through BS25-03 currently at 1.5ft bgs.



Daily Site Visit Report

Viewing Direction: East



Island walls of the separators are all structurally intact.

Viewing Direction: North



BS25- 24 and 25 at 2ft bgs.

Viewing Direction: South



East side of the separators at 1.5ft bgs.



Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/30/2026
Time: 15:24
Notes: Excavation progress: area south of treater 708 hand dug down to ~2 ft bgs.
Latitude: 32.18044444444444
Longitude: -103.53735277777777
Direction: N



Date: 1/30/2026
Time: 15:24
Notes: Excavation progress: area west of treaters 708, 707, 706, and 705 hand dug down to ~2 ft bgs.
Latitude: 32.18043888888889
Longitude: -103.53735277777777
Direction: W





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/30/2026
 Time: 15:26
 Notes: Excavation progress: area east of treaters 708, 707, 706, and 705 hand dug down to ~2 ft bgs.
 Latitude: 32.180636111111106
 Longitude: -103.5373
 Direction: S



Date: 1/30/2026
 Time: 15:26
 Notes: Excavation progress: area west of treaters 707, 706, 705, and 704 hand dug down to ~2 ft bgs.
 Latitude: 32.180686111111111
 Longitude: -103.53731388888889
 Direction: N





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/30/2026
Time: 15:27
Notes: Area between treater 705 and 704 where crew is currently digging.
Latitude: 32.18068055555554
Longitude: -103.53732222222222
Direction: NW



Date: 1/30/2026
Time: 15:28
Notes: Area remaining to be hand dug, from north of heater 704 to north of treater 101
Latitude: 32.18067222222222
Longitude: -103.53733055555556
Direction: E





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/30/2026
Time: 15:28
Notes: West wall hydrovac progress
Latitude: 32.18066388888889
Longitude: -103.53734722222222
Direction: SE



Date: 1/30/2026
Time: 15:31
Notes: West wall hydrovac progress
Latitude: 32.180724999999995
Longitude: -103.53749166666667
Direction: N





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/31/2026
Time: 13:39
Notes: Area where BS25-20 was collected.
Latitude: 32.18053611111111
Longitude: -103.53716944444444
Direction: NW



Date: 1/31/2026
Time: 13:40
Notes: Area where BS25-21 was collected.
Latitude: 32.18053611111111
Longitude: -103.53716944444444
Direction: NE





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/31/2026
Time: 13:40
Notes: Area where BS25-21 was collected.
Latitude: 32.18053611111111
Longitude: -103.53716944444444
Direction: W



Date: 1/31/2026
Time: 13:41
Notes: Area where BS25-22 was collected.
Latitude: 32.18053611111111
Longitude: -103.53716944444444
Direction: W





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/31/2026
Time: 13:41
Notes: Area where BS25-22 was collected.
Latitude: 32.18053611111111
Longitude: -103.53716944444444
Direction: NW



Date: 1/31/2026
Time: 13:42
Notes: Area where BS25-06 was collected.
Latitude: 32.18053611111111
Longitude: -103.53716944444444
Direction: W





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/31/2026
Time: 13:42
Notes: Area where BS25-06 was collected.
Latitude: 32.18053611111111
Longitude: -103.53716944444444
Direction: NW



Date: 1/31/2026
Time: 13:46
Notes: Area where WS25-20 was collected.
Latitude: 32.18057777777778
Longitude: -103.53755277777778
Direction: SE





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 1/31/2026
Time: 13:46
Notes: Area where WS25-20 was collected.
Latitude: 32.18074722222222
Longitude: -103.53755277777778
Direction: S





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 2/21/2026
Time: 09:08
Notes: BS25-03 at 2.75ft bgs.
Latitude: 32.180436111111106
Longitude: -103.53714722222222
Direction: E



Date: 2/21/2026
Time: 09:20
Notes: BS25-05 at 2.75ft bgs
Latitude: 32.180324999999996
Longitude: -103.53670555555556
Direction: S





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 2/21/2026
Time: 09:31
Notes: BS25-36 at 2.75ft bgs.
Latitude: 32.18027777777775
Longitude: -103.53674444444444
Direction: E



Date: 2/21/2026
Time: 09:35
Notes: BS25-37 at 2.75ft bgs.
Latitude: 32.18029722222222
Longitude: -103.53672777777777
Direction: SW





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 2/21/2026
Time: 09:37
Notes: Southeast extent of the backfilled southern excavation viewing west.
Latitude: 32.17870555555555
Longitude: -103.53805555555556
Direction: S



Date: 2/21/2026
Time: 09:38
Notes: Southwest extent of the backfilled southern excavation.
Latitude: 32.174413888888886
Longitude: -103.54164166666666
Direction: S





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 2/21/2026
 Time: 09:40
 Notes: Southeastern extent of the excavation located on the east side of the separators.
 Latitude: 32.180499999999995
 Longitude: -103.53723888888889
 Direction: N



Date: 2/21/2026
 Time: 09:41
 Notes: Northern 4ft bgs excavation.
 Latitude: 32.180611111111111
 Longitude: -103.53714722222222
 Direction: N





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 2/21/2026
Time: 09:43
Notes: Overview of the excavation area on the west side of the separators.
Latitude: 32.17945277777776
Longitude: -103.53809444444444
Direction: NE



Hawk 35 Fed CTB Lat: 32.17945, Lon: -103.53809 Accuracy: 1.00, Sat: Feb 21, 2026 09:43

Date: 2/21/2026
Time: 09:44
Notes: Backfilled section of the excavation on the westside of the pipe rack.
Latitude: 32.17833333333333
Longitude: -103.53900277777778
Direction: NE



Hawk 35 Fed CTB Lat: 32.17833, Lon: -103.53900 Accuracy: 1.00, Sat: Feb 21, 2026 09:44



Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 2/21/2026
Time: 09:16
Notes: BS25-06 at 2.75ft bgs.
Latitude: 32.180436111111106
Longitude: -103.53714722222222
Direction: W



Hawk 35 Fed CTB Lat: 32.18044, Lon: -103.53715(Azimuth: -1.00, Sat: Feb 21, 2026 09:16)

Date: 2/21/2026
Time: 09:25
Notes: BS25-22 at 2.75ft bgs.
Latitude: 32.180327777777778
Longitude: -103.53669722222222
Direction: W





Hawk 35 Fed CTB Lat: 32.18033, Lon: -103.53670(Azimuth: -1.00, Sat: Feb 21, 2026 09:25)



Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.



Pictures/Attachments

<p>Date: 3/11/2026 Time: 13:23 Notes: Backfilled section of the excavation on the western extent of the pad. Latitude: 32.180502777777775 Longitude: -103.53740833333333 Direction: N</p>	<p>Date & Time: Wed Mar 11 12:23:41 MDT 2026 Position: +032.18050 / -103.53741 Altitude: 1080m Datum: WGS-84 Azimuth/Bearing: 008° N08E 0142mils (True) Zoom: 1X</p> 
<p>Date: 3/11/2026 Time: 13:23 Notes: Backfilled section of the excavation on the western extent of the pad. Latitude: 32.180388888888885 Longitude: -103.537461111111111 Direction: N</p>	<p>Date & Time: Wed Mar 11 12:23:25 MDT 2026 Position: +032.18039 / -103.53746 Altitude: 1081m Datum: WGS-84 Azimuth/Bearing: 351° N09W 6240mils (True) Zoom: 1X</p> 



Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

<p>Date: 3/11/2026 Time: 13:23 Notes: Northern extent of the excavation in the pasture viewing northwest. Section was backfilled with topsoil and seeded Latitude: 32.18079722222222 Longitude: -103.53714166666667 Direction: N</p>	<p>Date & Time: Wed Mar 11 12:22:04 MDT 2026 Position: +032.18080 / -103.53714 Altitude: 1080m Datum: WGS-84 Azimuth/Bearing: 299° N61W 5316mils (True) Zoom: 1X</p> 
<p>Date: 3/11/2026 Time: 13:23 Notes: Western extent of the excavation in the pasture viewing south. Section was backfilled with topsoil and seeded Latitude: 32.18101111111111 Longitude: -103.53751944444444 Direction: N</p>	<p>Date & Time: Wed Mar 11 12:28:55 MDT 2026 Position: +032.18101 / -103.53751 Altitude: 1080m Datum: WGS-84 Azimuth/Bearing: 199° S10W 3500mils (True) Zoom: 1X</p> 



Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 3/11/2026
 Time: 13:23
 Notes: Backfilled section in the passture has been properly seeded
 Latitude: 32.180638888888886
 Longitude: -103.537519444444444
 Direction: N





Date: 3/11/2026
 Time: 13:23
 Notes: Backfilled section in the passture has been properly seeded
 Latitude: 32.180672222222222
 Longitude: -103.537544444444444
 Direction: N





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

<p>Date: 3/11/2026 Time: 13:23 Notes: Northern extent of the excavation located in the pasture. Section was properly backfilled with topsoil and seeded. Latitude: 32.181 Longitude: -103.53751944444444 Direction: N</p>	<p>Date & Time: Wed Mar 11 12:28:25 MDT 2026 Position: +032.18100° / -103.53752° Altitude: 1081m Datum: WGS-84 Azimuth/Bearing: 141° S09E 2507mils (True) Zoom: 1X</p> 
<p>Date: 3/11/2026 Time: 13:20 Notes: Northeastern extent of the excavation viewing west. Latitude: 32.180641666666666 Longitude: -103.53699444444445 Direction: E</p>	<p>Date & Time: Wed Mar 11 12:19:13 MDT 2026 Position: +032.18064° / -103.53699° Altitude: 1080m Datum: WGS-84 Azimuth/Bearing: 266° S86W 4729mils (True) Zoom: 1X</p> 



Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 3/11/2026
 Time: 13:20
 Notes: Northeastern extent of the excavation viewing north.
 Latitude: 32.18048333333333
 Longitude: -103.53725277777778
 Direction: E





Date: 3/11/2026
 Time: 13:20
 Notes: Southern end of the excavation viewing east towards the southeastern extent.
 Latitude: 32.180480555555555
 Longitude: -103.53737777777778
 Direction: E





Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

<p>Date: 3/11/2026 Time: 13:20 Notes: Overview of the southeastern extent of the excavation Latitude: 32.18089722222222 Longitude: -103.53697777777778 Direction: E</p>	<p>Date & Time: Wed Mar 11 14:29:24 MST 2026 Position: 32.18090° / -103.53698° Altitude: 1082m Datum: WGS 84 Azimuth/Bearing: 182° 502M 3200miles (true) Zoom: 1X</p> 
<p>Date: 3/11/2026 Time: 13:20 Notes: Overview of the pad where the northeastern extent of the excavation. Latitude: 32.1809 Longitude: -103.53697777777778 Direction: E</p>	<p>Date & Time: Wed Mar 11 14:29:24 MST 2026 Position: 32.18090° / -103.53698° Altitude: 1082m Datum: WGS 84 Azimuth/Bearing: 212° 309M 3750miles (true) Zoom: 1X</p> 



Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 3/11/2026
 Time: 13:20
 Notes: Southwestern extent of the excavation.
 Latitude: 32.180502777777775
 Longitude: -103.53732777777778
 Direction: E



Date: 3/11/2026
 Time: 13:20
 Notes: Northeast extent of the excavation.
 Latitude: 32.180786111111111
 Longitude: -103.537219444444445
 Direction: E





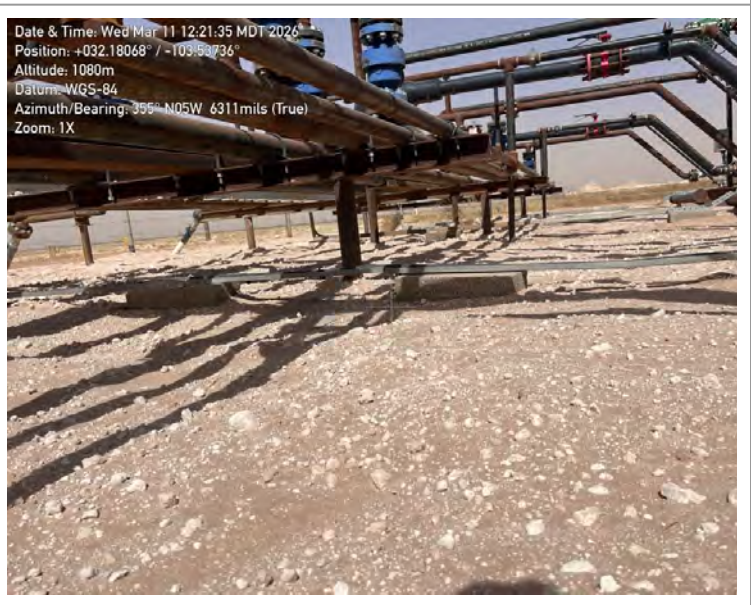
Daily Field Log
Site: Hawk 35 Fed CTB
Client: EOG Resources, Inc.

Pictures/Attachments

Date: 3/11/2026
 Time: 13:20
 Notes: Excavation that was located under the pipe rack viewing south.
 Latitude: 32.18068055555554
 Longitude: -103.53735277777777
 Direction: E



Date: 3/11/2026
 Time: 13:20
 Notes: Excavation under the pipe rack viewing north.
 Latitude: 32.180677777777774
 Longitude: -103.53735833333333
 Direction: E



APPENDIX D – Laboratory Data Reports and Chain of Custody Forms



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/13/2025 10:19:42 AM

JOB DESCRIPTION

HAWK 35 FED CTB

JOB NUMBER

885-37138-1



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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11/13/2025 10:19:42 AM

Authorized for release by
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(505)338-8812

Client: Vertex
Project/Site: HAWK 35 FED CTB

Laboratory Job ID: 885-37138-1



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Definitions/Glossary

Client: Vertex

Job ID: 885-37138-1

Project/Site: HAWK 35 FED CTB

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: HAWK 35 FED CTB

Job ID: 885-37138-1

Job ID: 885-37138-1

Eurofins Albuquerque

Job Narrative 885-37138-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/7/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°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

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: HAWK 35 FED CTB

Job ID: 885-37138-1

Client Sample ID: BG25-01

Lab Sample ID: 885-37138-1

Date Collected: 11/05/25 11:00

Matrix: Solid

Date Received: 11/07/25 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		11/10/25 09:08	11/11/25 23:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			11/10/25 09:08	11/11/25 23:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/10/25 09:08	11/11/25 23:01	1
Ethylbenzene	ND		0.050	mg/Kg		11/10/25 09:08	11/11/25 23:01	1
Toluene	ND		0.050	mg/Kg		11/10/25 09:08	11/11/25 23:01	1
Xylenes, Total	ND		0.10	mg/Kg		11/10/25 09:08	11/11/25 23:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/10/25 09:08	11/11/25 23:01	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		9.6	mg/Kg		11/10/25 11:44	11/10/25 17:59	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/10/25 11:44	11/10/25 17:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			11/10/25 11:44	11/10/25 17:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		11/10/25 10:26	11/10/25 16:02	10

Client Sample Results

Client: Vertex
 Project/Site: HAWK 35 FED CTB

Job ID: 885-37138-1

Client Sample ID: BG25-02

Lab Sample ID: 885-37138-2

Date Collected: 11/05/25 11:05

Matrix: Solid

Date Received: 11/07/25 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		11/10/25 09:08	11/11/25 23:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		15 - 150			11/10/25 09:08	11/11/25 23:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/10/25 09:08	11/11/25 23:25	1
Ethylbenzene	ND		0.048	mg/Kg		11/10/25 09:08	11/11/25 23:25	1
Toluene	ND		0.048	mg/Kg		11/10/25 09:08	11/11/25 23:25	1
Xylenes, Total	ND		0.097	mg/Kg		11/10/25 09:08	11/11/25 23:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		15 - 150			11/10/25 09:08	11/11/25 23:25	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		9.8	mg/Kg		11/10/25 11:44	11/10/25 18:11	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/10/25 11:44	11/10/25 18:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	78		62 - 134			11/10/25 11:44	11/10/25 18:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		11/10/25 10:26	11/10/25 16:13	10

QC Sample Results

Client: Vertex
Project/Site: HAWK 35 FED CTB

Job ID: 885-37138-1

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

Lab Sample ID: MB 885-38137/1-A
Matrix: Solid
Analysis Batch: 38282

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38137

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		11/10/25 09:08	11/11/25 18:16	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			11/10/25 09:08	11/11/25 18:16	1

Lab Sample ID: LCS 885-38137/2-A
Matrix: Solid
Analysis Batch: 38282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	27.7		mg/Kg		111	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	208		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38137/1-A
Matrix: Solid
Analysis Batch: 38283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38137

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/10/25 09:08	11/11/25 18:16	1
Ethylbenzene	ND		0.050	mg/Kg		11/10/25 09:08	11/11/25 18:16	1
Toluene	ND		0.050	mg/Kg		11/10/25 09:08	11/11/25 18:16	1
Xylenes, Total	ND		0.10	mg/Kg		11/10/25 09:08	11/11/25 18:16	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			11/10/25 09:08	11/11/25 18:16	1

Lab Sample ID: LCS 885-38137/3-A
Matrix: Solid
Analysis Batch: 38283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.900		mg/Kg		90	70 - 130
Ethylbenzene	1.00	0.912		mg/Kg		91	70 - 130
Toluene	1.00	0.910		mg/Kg		91	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	112		15 - 150				

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: HAWK 35 FED CTB

Job ID: 885-37138-1

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

Lab Sample ID: MB 885-38165/1-A
 Matrix: Solid
 Analysis Batch: 38179

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 38165

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		11/10/25 11:44	11/10/25 16:28	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/10/25 11:44	11/10/25 16:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			11/10/25 11:44	11/10/25 16:28	1

Lab Sample ID: LCS 885-38165/2-A
 Matrix: Solid
 Analysis Batch: 38179

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 38165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	43.0		mg/Kg		86	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	77		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38147/1-A
 Matrix: Solid
 Analysis Batch: 38152

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 38147

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		11/10/25 10:26	11/10/25 11:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
Chloride	99		90 - 110					

Lab Sample ID: LCS 885-38147/2-A
 Matrix: Solid
 Analysis Batch: 38152

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 38147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.2	49.5		mg/Kg		99	90 - 110

QC Association Summary

Client: Vertex
Project/Site: HAWK 35 FED CTB

Job ID: 885-37138-1

GC VOA

Prep Batch: 38137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37138-1	BG25-01	Total/NA	Solid	5030C	
885-37138-2	BG25-02	Total/NA	Solid	5030C	
MB 885-38137/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38137/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38137/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 38282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37138-1	BG25-01	Total/NA	Solid	8015M/D	38137
885-37138-2	BG25-02	Total/NA	Solid	8015M/D	38137
MB 885-38137/1-A	Method Blank	Total/NA	Solid	8015M/D	38137
LCS 885-38137/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38137

Analysis Batch: 38283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37138-1	BG25-01	Total/NA	Solid	8021B	38137
885-37138-2	BG25-02	Total/NA	Solid	8021B	38137
MB 885-38137/1-A	Method Blank	Total/NA	Solid	8021B	38137
LCS 885-38137/3-A	Lab Control Sample	Total/NA	Solid	8021B	38137

GC Semi VOA

Prep Batch: 38165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37138-1	BG25-01	Total/NA	Solid	SHAKE	
885-37138-2	BG25-02	Total/NA	Solid	SHAKE	
MB 885-38165/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38165/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 38179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37138-1	BG25-01	Total/NA	Solid	8015M/D	38165
885-37138-2	BG25-02	Total/NA	Solid	8015M/D	38165
MB 885-38165/1-A	Method Blank	Total/NA	Solid	8015M/D	38165
LCS 885-38165/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38165

HPLC/IC

Prep Batch: 38147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37138-1	BG25-01	Total/NA	Solid	300_Prep	
885-37138-2	BG25-02	Total/NA	Solid	300_Prep	
MB 885-38147/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38147/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 38152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37138-1	BG25-01	Total/NA	Solid	300.0	38147
885-37138-2	BG25-02	Total/NA	Solid	300.0	38147
MB 885-38147/1-A	Method Blank	Total/NA	Solid	300.0	38147
LCS 885-38147/2-A	Lab Control Sample	Total/NA	Solid	300.0	38147

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: HAWK 35 FED CTB

Job ID: 885-37138-1

Client Sample ID: BG25-01
Date Collected: 11/05/25 11:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37138-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8015M/D		1	38282	VP	EET ALB	11/11/25 23:01
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8021B		1	38283	VP	EET ALB	11/11/25 23:01
Total/NA	Prep	SHAKE			38165	BV	EET ALB	11/10/25 11:44
Total/NA	Analysis	8015M/D		1	38179	EM	EET ALB	11/10/25 17:59
Total/NA	Prep	300_Prep			38147	JR	EET ALB	11/10/25 10:26
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 16:02

Client Sample ID: BG25-02
Date Collected: 11/05/25 11:05
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37138-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8015M/D		1	38282	VP	EET ALB	11/11/25 23:25
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8021B		1	38283	VP	EET ALB	11/11/25 23:25
Total/NA	Prep	SHAKE			38165	BV	EET ALB	11/10/25 11:44
Total/NA	Analysis	8015M/D		1	38179	EM	EET ALB	11/10/25 18:11
Total/NA	Prep	300_Prep			38147	JR	EET ALB	11/10/25 10:26
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 16:13

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: HAWK 35 FED CTB

Job ID: 885-37138-1

Laboratory: Eurofins Albuquerque

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

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

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

Chain-of-Custody Record

Turn-Around Time:

Client: Vertex (bill to EOG)

Standard Rush 4 Day

Mailing Address: 3101 Boyd Dr

Project Name: HAWK 35 FED CTB

Carlsbad NM, 88220

Project #: 24E-03931

Phone #: C

Project Manager: CHANCE DIXON

email or Fax#:

CDIXON@VERTEX.CA

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

Sampler: KATRINA TAYLOR

NELAC Other

On Ice: Yes No

EDD (Type)

of Coolers: 1

Cooler Temp (including CF): 1.3 TO 2 = 1.5 Jue (°C)

Date

Container Type and #

Time

Preservative Type

Matrix

HEAL No.

Sample Name

11/5

4oz 1

11:00

ICE

Soil

BG25-01

↓

↓

11:05

↓

↓

↓

BG25-02



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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



Analysis Request

MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Chlor, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
X	X					X			
↓	↓					↓			

Date: 11/6/05 Time: 930 Relinquished by: [Signature]

Received by: [Signature] Via: [Signature] Date: 11/6/05 Time: 930

Remarks: BILL TO EOG

Date: 11/6/05 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: COOLBOX Date: 11-7-25 Time: 800

ATTN: CHASE SETTLE, CHASE-SETTLE@EOGRESOURCES.CO

CC: CDIXON@VERTEX.CA & KATRINA.TAYLOR@VERTEX.CA

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: 885-37138-1

Login Number: 37138

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/16/2025 12:57:46 PM

JOB DESCRIPTION

Hawk 35 Fed CTB

JOB NUMBER

885-39201-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
12/16/2025 12:57:46 PM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Laboratory Job ID: 885-39201-1



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Definitions/Glossary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

Glossary

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

Case Narrative

Client: Vertex
Project: Hawk 35 Fed CTB

Job ID: 885-39201-1

Job ID: 885-39201-1

Eurofins Albuquerque

Job Narrative 885-39201-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/10/2025 7:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Gasoline Range Organics

Method 8015D_GRO: The laboratory control sample (LCS) for preparation batch 885-39740 and analytical batch 885-39836 recovered outside control limits for the following analytes: Gasoline Range Organics [C6 - C10]. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. Samples with detects above RL are not reported and will be rerun under passing QC.

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

Client Sample ID: BS25-07 3.5'

Lab Sample ID: 885-39201-1

Date Collected: 12/04/25 13:00

Matrix: Solid

Date Received: 12/10/25 07:40

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		12/11/25 10:03	12/12/25 23:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		15 - 150			12/11/25 10:03	12/12/25 23:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/11/25 10:03	12/12/25 23:20	1
Ethylbenzene	ND		0.050	mg/Kg		12/11/25 10:03	12/12/25 23:20	1
Toluene	ND		0.050	mg/Kg		12/11/25 10:03	12/12/25 23:20	1
Xylenes, Total	ND		0.099	mg/Kg		12/11/25 10:03	12/12/25 23:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			12/11/25 10:03	12/12/25 23:20	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		12/11/25 15:00	12/12/25 03:32	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		12/11/25 15:00	12/12/25 03:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			12/11/25 15:00	12/12/25 03:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		49	mg/Kg		12/11/25 15:10	12/11/25 20:37	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

Client Sample ID: BS25-08 6'

Lab Sample ID: 885-39201-2

Date Collected: 12/04/25 13:15

Matrix: Solid

Date Received: 12/10/25 07:40

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		12/11/25 10:03	12/12/25 23:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		15 - 150			12/11/25 10:03	12/12/25 23:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/11/25 10:03	12/12/25 23:44	1
Ethylbenzene	ND		0.049	mg/Kg		12/11/25 10:03	12/12/25 23:44	1
Toluene	ND		0.049	mg/Kg		12/11/25 10:03	12/12/25 23:44	1
Xylenes, Total	ND		0.098	mg/Kg		12/11/25 10:03	12/12/25 23:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			12/11/25 10:03	12/12/25 23:44	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]	170		9.5	mg/Kg		12/11/25 15:00	12/12/25 03:55	1
Motor Oil Range Organics [C28-C40]	130		47	mg/Kg		12/11/25 15:00	12/12/25 03:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			12/11/25 15:00	12/12/25 03:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		50	mg/Kg		12/11/25 15:10	12/11/25 20:51	10

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

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

Lab Sample ID: MB 885-39740/1-A
Matrix: Solid
Analysis Batch: 39836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39740

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		12/11/25 10:03	12/12/25 17:00	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		15 - 150			12/11/25 10:03	12/12/25 17:00	1

Lab Sample ID: LCS 885-39740/2-A
Matrix: Solid
Analysis Batch: 39836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39740

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	33.6	*+	mg/Kg		134	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	243		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-39740/1-A
Matrix: Solid
Analysis Batch: 39837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39740

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/11/25 10:03	12/12/25 17:00	1
Ethylbenzene	ND		0.050	mg/Kg		12/11/25 10:03	12/12/25 17:00	1
Toluene	ND		0.050	mg/Kg		12/11/25 10:03	12/12/25 17:00	1
Xylenes, Total	ND		0.10	mg/Kg		12/11/25 10:03	12/12/25 17:00	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/11/25 10:03	12/12/25 17:00	1

Lab Sample ID: LCS 885-39740/3-A
Matrix: Solid
Analysis Batch: 39837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39740

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.846		mg/Kg		85	70 - 130
Ethylbenzene	1.00	0.882		mg/Kg		88	70 - 130
Toluene	1.00	0.873		mg/Kg		87	70 - 130
m,p-Xylene	2.00	1.78		mg/Kg		89	70 - 130
o-Xylene	1.00	0.888		mg/Kg		89	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	104		15 - 150				

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

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

Lab Sample ID: MB 885-39780/1-A
Matrix: Solid
Analysis Batch: 39739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39780

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		12/11/25 15:00	12/11/25 17:26	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/11/25 15:00	12/11/25 17:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			12/11/25 15:00	12/11/25 17:26	1

Lab Sample ID: LCS 885-39780/2-A
Matrix: Solid
Analysis Batch: 39739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	53.2		mg/Kg		106	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	96		62 - 134				

Lab Sample ID: 885-39201-2 MS
Matrix: Solid
Analysis Batch: 39739

Client Sample ID: BS25-08 6'
Prep Type: Total/NA
Prep Batch: 39780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	170		47.5	206		mg/Kg		73	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	98		62 - 134						

Lab Sample ID: 885-39201-2 MSD
Matrix: Solid
Analysis Batch: 39739

Client Sample ID: BS25-08 6'
Prep Type: Total/NA
Prep Batch: 39780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics [C10-C28]	170		48.2	225		mg/Kg		110	44 - 136	9	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	100		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-39783/1-A
Matrix: Solid
Analysis Batch: 39747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39783

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1	mg/Kg		12/11/25 15:10	12/11/25 19:12	1

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-39783/2-A
Matrix: Solid
Analysis Batch: 39747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	49.9		mg/Kg		100	90 - 110

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QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

GC VOA

Prep Batch: 39740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39201-1	BS25-07 3.5'	Total/NA	Solid	5030C	
885-39201-2	BS25-08 6'	Total/NA	Solid	5030C	
MB 885-39740/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-39740/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-39740/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 39836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39201-1	BS25-07 3.5'	Total/NA	Solid	8015M/D	39740
885-39201-2	BS25-08 6'	Total/NA	Solid	8015M/D	39740
MB 885-39740/1-A	Method Blank	Total/NA	Solid	8015M/D	39740
LCS 885-39740/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	39740

Analysis Batch: 39837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39201-1	BS25-07 3.5'	Total/NA	Solid	8021B	39740
885-39201-2	BS25-08 6'	Total/NA	Solid	8021B	39740
MB 885-39740/1-A	Method Blank	Total/NA	Solid	8021B	39740
LCS 885-39740/3-A	Lab Control Sample	Total/NA	Solid	8021B	39740

GC Semi VOA

Analysis Batch: 39739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39201-1	BS25-07 3.5'	Total/NA	Solid	8015M/D	39780
885-39201-2	BS25-08 6'	Total/NA	Solid	8015M/D	39780
MB 885-39780/1-A	Method Blank	Total/NA	Solid	8015M/D	39780
LCS 885-39780/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	39780
885-39201-2 MS	BS25-08 6'	Total/NA	Solid	8015M/D	39780
885-39201-2 MSD	BS25-08 6'	Total/NA	Solid	8015M/D	39780

Prep Batch: 39780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39201-1	BS25-07 3.5'	Total/NA	Solid	SHAKE	
885-39201-2	BS25-08 6'	Total/NA	Solid	SHAKE	
MB 885-39780/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-39780/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-39201-2 MS	BS25-08 6'	Total/NA	Solid	SHAKE	
885-39201-2 MSD	BS25-08 6'	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 39747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39201-1	BS25-07 3.5'	Total/NA	Solid	300.0	39783
885-39201-2	BS25-08 6'	Total/NA	Solid	300.0	39783
MB 885-39783/1-A	Method Blank	Total/NA	Solid	300.0	39783
LCS 885-39783/2-A	Lab Control Sample	Total/NA	Solid	300.0	39783

Prep Batch: 39783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39201-1	BS25-07 3.5'	Total/NA	Solid	300_Prep	

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QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

HPLC/IC (Continued)

Prep Batch: 39783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39201-2	BS25-08 6'	Total/NA	Solid	300_Prep	
MB 885-39783/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-39783/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

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Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

Client Sample ID: BS25-07 3.5'

Lab Sample ID: 885-39201-1

Date Collected: 12/04/25 13:00

Matrix: Solid

Date Received: 12/10/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39740	VP	EET ALB	12/11/25 10:03
Total/NA	Analysis	8015M/D		1	39836	VP	EET ALB	12/12/25 23:20
Total/NA	Prep	5030C			39740	VP	EET ALB	12/11/25 10:03
Total/NA	Analysis	8021B		1	39837	VP	EET ALB	12/12/25 23:20
Total/NA	Prep	SHAKE			39780	BV	EET ALB	12/11/25 15:00
Total/NA	Analysis	8015M/D		1	39739	EM	EET ALB	12/12/25 03:32
Total/NA	Prep	300_Prep			39783	MA	EET ALB	12/11/25 15:10
Total/NA	Analysis	300.0		10	39747	JT	EET ALB	12/11/25 20:37

Client Sample ID: BS25-08 6'

Lab Sample ID: 885-39201-2

Date Collected: 12/04/25 13:15

Matrix: Solid

Date Received: 12/10/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39740	VP	EET ALB	12/11/25 10:03
Total/NA	Analysis	8015M/D		1	39836	VP	EET ALB	12/12/25 23:44
Total/NA	Prep	5030C			39740	VP	EET ALB	12/11/25 10:03
Total/NA	Analysis	8021B		1	39837	VP	EET ALB	12/12/25 23:44
Total/NA	Prep	SHAKE			39780	BV	EET ALB	12/11/25 15:00
Total/NA	Analysis	8015M/D		1	39739	EM	EET ALB	12/12/25 03:55
Total/NA	Prep	300_Prep			39783	MA	EET ALB	12/11/25 15:10
Total/NA	Analysis	300.0		10	39747	JT	EET ALB	12/11/25 20:51

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-39201-1

Laboratory: Eurofins Albuquerque

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

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

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Chain-of-Custody Record

Client: Vertex

Mailing Address: Direct bill EOG

Phone #:

email or Fax#:

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

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

Turn-Around Time:
 Standard Rush 5 Day

Project Name: Hawk 35 Fed CTB

Project #: ~~24E-03931~~ 24E-03931

Project Manager: Chance Dixon

Sampler: AH

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 0.1 + 0.2 = 0.3

eurofins | **Albuquerque**
Environmer
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM {
 Tel. 505-345-3975 Fax 505-345-41
 885-39201 COC



Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH's / 15D(GRO / DRO / MIRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
12-4-25	1300	Soil	BS25-07 3.5'	1, 402	ICE		↓	↓					↓			
12-4-25	1315	Soil	BS25-08 6'	1, 402	ICE											

Date: 12-7-25 Time: 1200 Relinquished by: AH

Date: 12/9/25 Time: 1000 Received by: [Signature] Via: [Signature]

Date: 12/10/25 Time: 7:00 Relinquished by: [Signature]

Date: 12/10/25 Time: 7:00 Received by: [Signature] Via: [Signature]

Remarks: Attn: Chase Settle
CC: cdixon@vertexresource.com
Permiar@vertexresource.com
gharris@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: 885-39201-1

Login Number: 39201

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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/7/2026 10:57:48 AM

JOB DESCRIPTION

Hawk 35 Federal CTB

JOB NUMBER

885-40465-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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1/7/2026 10:57:48 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Laboratory Job ID: 885-40465-1



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Definitions/Glossary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

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: Hawk 35 Federal CTB

Job ID: 885-40465-1

Job ID: 885-40465-1

Eurofins Albuquerque

Job Narrative 885-40465-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/30/2025 7:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-40770 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: BS25-09 2.5' (885-40465-1), BS25-10 2.5' (885-40465-2), BS25-14 3' (885-40465-3), BS25-15 3' (885-40465-4), WS25-04 0-6' (885-40465-6), WS25-05 3-6' (885-40465-7), WS25-06 0-2.5' (885-40465-8), WS25-07 0-2.5' (885-40465-9), WS25-10 0-3' (885-40465-10) and WS25-11 0-3' (885-40465-11).

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: BS25-09 2.5'

Lab Sample ID: 885-40465-1

Date Collected: 12/23/25 10:30

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/05/26 21:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/31/25 13:53	01/05/26 21:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/31/25 13:53	01/05/26 21:09	1
Ethylbenzene	ND		0.050	mg/Kg		12/31/25 13:53	01/05/26 21:09	1
Toluene	ND		0.050	mg/Kg		12/31/25 13:53	01/05/26 21:09	1
Xylenes, Total	ND		0.099	mg/Kg		12/31/25 13:53	01/05/26 21:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			12/31/25 13:53	01/05/26 21:09	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		9.4	mg/Kg		01/02/26 12:57	01/03/26 00:26	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/02/26 12:57	01/03/26 00:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			01/02/26 12:57	01/03/26 00:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		51	mg/Kg		01/02/26 07:43	01/02/26 12:35	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: BS25-10 2.5'

Lab Sample ID: 885-40465-2

Date Collected: 12/23/25 10:35

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/05/26 21:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/31/25 13:53	01/05/26 21:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/05/26 21:32	1
Ethylbenzene	ND		0.049	mg/Kg		12/31/25 13:53	01/05/26 21:32	1
Toluene	ND		0.049	mg/Kg		12/31/25 13:53	01/05/26 21:32	1
Xylenes, Total	ND		0.097	mg/Kg		12/31/25 13:53	01/05/26 21:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			12/31/25 13:53	01/05/26 21:32	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		01/02/26 12:57	01/03/26 00:49	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/02/26 12:57	01/03/26 00:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			01/02/26 12:57	01/03/26 00:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		51	mg/Kg		01/02/26 07:43	01/02/26 12:49	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: BS25-14 3'

Lab Sample ID: 885-40465-3

Date Collected: 12/23/25 10:55

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/05/26 21:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			12/31/25 13:53	01/05/26 21:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/05/26 21:56	1
Ethylbenzene	ND		0.049	mg/Kg		12/31/25 13:53	01/05/26 21:56	1
Toluene	ND		0.049	mg/Kg		12/31/25 13:53	01/05/26 21:56	1
Xylenes, Total	ND		0.097	mg/Kg		12/31/25 13:53	01/05/26 21:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			12/31/25 13:53	01/05/26 21:56	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		9.4	mg/Kg		01/02/26 12:57	01/03/26 01:36	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/02/26 12:57	01/03/26 01:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			01/02/26 12:57	01/03/26 01:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		01/02/26 07:43	01/02/26 13:02	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: BS25-15 3'

Lab Sample ID: 885-40465-4

Date Collected: 12/23/25 11:00

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/05/26 22:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			12/31/25 13:53	01/05/26 22:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/05/26 22:19	1
Ethylbenzene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 22:19	1
Toluene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 22:19	1
Xylenes, Total	ND		0.096	mg/Kg		12/31/25 13:53	01/05/26 22:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			12/31/25 13:53	01/05/26 22:19	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		01/02/26 12:57	01/03/26 01:59	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/02/26 12:57	01/03/26 01:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			01/02/26 12:57	01/03/26 01:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56		50	mg/Kg		01/02/26 07:43	01/02/26 13:16	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-03 0-6'

Lab Sample ID: 885-40465-5

Date Collected: 12/23/25 10:00

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/05/26 22:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			12/31/25 13:53	01/05/26 22:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/05/26 22:43	1
Ethylbenzene	ND		0.047	mg/Kg		12/31/25 13:53	01/05/26 22:43	1
Toluene	ND		0.047	mg/Kg		12/31/25 13:53	01/05/26 22:43	1
Xylenes, Total	ND		0.095	mg/Kg		12/31/25 13:53	01/05/26 22:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			12/31/25 13:53	01/05/26 22:43	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]	13		9.3	mg/Kg		01/02/26 12:57	01/06/26 20:18	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/02/26 12:57	01/06/26 20:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			01/02/26 12:57	01/06/26 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/02/26 07:43	01/02/26 13:29	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-04 0-6'

Lab Sample ID: 885-40465-6

Date Collected: 12/23/25 10:05

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/05/26 23:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			12/31/25 13:53	01/05/26 23:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/05/26 23:30	1
Ethylbenzene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 23:30	1
Toluene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 23:30	1
Xylenes, Total	ND		0.095	mg/Kg		12/31/25 13:53	01/05/26 23:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			12/31/25 13:53	01/05/26 23:30	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		9.6	mg/Kg		01/02/26 12:57	01/03/26 02:45	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/02/26 12:57	01/03/26 02:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			01/02/26 12:57	01/03/26 02:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		50	mg/Kg		01/02/26 07:43	01/02/26 13:43	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-05 3-6'

Lab Sample ID: 885-40465-7

Date Collected: 12/23/25 10:10

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/05/26 23:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			12/31/25 13:53	01/05/26 23:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/05/26 23:54	1
Ethylbenzene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 23:54	1
Toluene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 23:54	1
Xylenes, Total	ND		0.097	mg/Kg		12/31/25 13:53	01/05/26 23:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			12/31/25 13:53	01/05/26 23:54	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		9.5	mg/Kg		01/02/26 12:57	01/03/26 03:08	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/02/26 12:57	01/03/26 03:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			01/02/26 12:57	01/03/26 03:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59		50	mg/Kg		01/02/26 07:43	01/02/26 13:57	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-06 0-2.5'

Lab Sample ID: 885-40465-8

Date Collected: 12/23/25 10:20

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/06/26 00:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			12/31/25 13:53	01/06/26 00:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		12/31/25 13:53	01/06/26 00:17	1
Ethylbenzene	ND		0.047	mg/Kg		12/31/25 13:53	01/06/26 00:17	1
Toluene	ND		0.047	mg/Kg		12/31/25 13:53	01/06/26 00:17	1
Xylenes, Total	ND		0.093	mg/Kg		12/31/25 13:53	01/06/26 00:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			12/31/25 13:53	01/06/26 00:17	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		9.7	mg/Kg		01/02/26 12:57	01/03/26 03:31	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/02/26 12:57	01/03/26 03:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			01/02/26 12:57	01/03/26 03:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/02/26 07:43	01/02/26 14:10	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-07 0-2.5'

Lab Sample ID: 885-40465-9

Date Collected: 12/23/25 10:25

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/06/26 00:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			12/31/25 13:53	01/06/26 00:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/06/26 00:40	1
Ethylbenzene	ND		0.047	mg/Kg		12/31/25 13:53	01/06/26 00:40	1
Toluene	ND		0.047	mg/Kg		12/31/25 13:53	01/06/26 00:40	1
Xylenes, Total	ND		0.094	mg/Kg		12/31/25 13:53	01/06/26 00:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			12/31/25 13:53	01/06/26 00:40	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		9.9	mg/Kg		01/02/26 12:57	01/03/26 03:54	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/02/26 12:57	01/03/26 03:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			01/02/26 12:57	01/03/26 03:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		50	mg/Kg		01/02/26 07:43	01/02/26 14:24	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-10 0-3'

Lab Sample ID: 885-40465-10

Date Collected: 12/23/25 10:45

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/06/26 01:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			12/31/25 13:53	01/06/26 01:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		12/31/25 13:53	01/06/26 01:04	1
Ethylbenzene	ND		0.047	mg/Kg		12/31/25 13:53	01/06/26 01:04	1
Toluene	ND		0.047	mg/Kg		12/31/25 13:53	01/06/26 01:04	1
Xylenes, Total	ND		0.094	mg/Kg		12/31/25 13:53	01/06/26 01:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/31/25 13:53	01/06/26 01:04	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		01/02/26 12:57	01/03/26 04:17	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/02/26 12:57	01/03/26 04:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			01/02/26 12:57	01/03/26 04:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52		51	mg/Kg		01/02/26 07:43	01/02/26 15:05	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-11 0-3'

Lab Sample ID: 885-40465-11

Date Collected: 12/23/25 10:50

Matrix: Solid

Date Received: 12/30/25 07:40

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		12/31/25 13:53	01/06/26 01:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			12/31/25 13:53	01/06/26 01:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/06/26 01:27	1
Ethylbenzene	ND		0.048	mg/Kg		12/31/25 13:53	01/06/26 01:27	1
Toluene	ND		0.048	mg/Kg		12/31/25 13:53	01/06/26 01:27	1
Xylenes, Total	ND		0.096	mg/Kg		12/31/25 13:53	01/06/26 01:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			12/31/25 13:53	01/06/26 01:27	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]	ND		9.9	mg/Kg		01/02/26 12:57	01/03/26 04:40	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/02/26 12:57	01/03/26 04:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			01/02/26 12:57	01/03/26 04:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		50	mg/Kg		01/02/26 07:43	01/02/26 15:19	10

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

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

Lab Sample ID: MB 885-40714/1-A
Matrix: Solid
Analysis Batch: 40851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40714

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/31/25 13:53	01/05/26 15:26	1

Lab Sample ID: LCS 885-40714/2-A
Matrix: Solid
Analysis Batch: 40851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	23.3		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	183		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-40714/1-A
Matrix: Solid
Analysis Batch: 40852

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40714

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Ethylbenzene	ND		0.050	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Toluene	ND		0.050	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Xylenes, Total	ND		0.10	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			12/31/25 13:53	01/05/26 15:26	1

Lab Sample ID: LCS 885-40714/3-A
Matrix: Solid
Analysis Batch: 40852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.854		mg/Kg		85	70 - 130
Ethylbenzene	1.00	0.827		mg/Kg		83	70 - 130
Toluene	1.00	0.856		mg/Kg		86	70 - 130
m,p-Xylene	2.00	1.69		mg/Kg		85	70 - 130
o-Xylene	1.00	0.818		mg/Kg		82	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	100		15 - 150				

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

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

Lab Sample ID: MB 885-40775/1-A
Matrix: Solid
Analysis Batch: 40770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40775

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/02/26 12:57	01/02/26 21:21	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/02/26 12:57	01/02/26 21:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			01/02/26 12:57	01/02/26 21:21	1

Lab Sample ID: LCS 885-40775/2-A
Matrix: Solid
Analysis Batch: 40770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	48.2		mg/Kg		96	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	94		62 - 134				

Lab Sample ID: 885-40465-11 MS
Matrix: Solid
Analysis Batch: 40770

Client Sample ID: WS25-11 0-3'
Prep Type: Total/NA
Prep Batch: 40775

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		48.2	46.9		mg/Kg		97	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	91		62 - 134						

Lab Sample ID: 885-40465-11 MSD
Matrix: Solid
Analysis Batch: 40770

Client Sample ID: WS25-11 0-3'
Prep Type: Total/NA
Prep Batch: 40775

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	48.4		mg/Kg		100	44 - 136	3	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	94		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-40746/1-A
Matrix: Solid
Analysis Batch: 40753

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40746

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/02/26 07:43	01/02/26 09:37	1

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-40746/2-A
Matrix: Solid
Analysis Batch: 40753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	46.7		mg/Kg		93	90 - 110

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

QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

GC VOA

Prep Batch: 40714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-1	BS25-09 2.5'	Total/NA	Solid	5030C	
885-40465-2	BS25-10 2.5'	Total/NA	Solid	5030C	
885-40465-3	BS25-14 3'	Total/NA	Solid	5030C	
885-40465-4	BS25-15 3'	Total/NA	Solid	5030C	
885-40465-5	WS25-03 0-6'	Total/NA	Solid	5030C	
885-40465-6	WS25-04 0-6'	Total/NA	Solid	5030C	
885-40465-7	WS25-05 3-6'	Total/NA	Solid	5030C	
885-40465-8	WS25-06 0-2.5'	Total/NA	Solid	5030C	
885-40465-9	WS25-07 0-2.5'	Total/NA	Solid	5030C	
885-40465-10	WS25-10 0-3'	Total/NA	Solid	5030C	
885-40465-11	WS25-11 0-3'	Total/NA	Solid	5030C	
MB 885-40714/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-40714/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-40714/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 40851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-1	BS25-09 2.5'	Total/NA	Solid	8015M/D	40714
885-40465-2	BS25-10 2.5'	Total/NA	Solid	8015M/D	40714
885-40465-3	BS25-14 3'	Total/NA	Solid	8015M/D	40714
885-40465-4	BS25-15 3'	Total/NA	Solid	8015M/D	40714
885-40465-5	WS25-03 0-6'	Total/NA	Solid	8015M/D	40714
885-40465-6	WS25-04 0-6'	Total/NA	Solid	8015M/D	40714
885-40465-7	WS25-05 3-6'	Total/NA	Solid	8015M/D	40714
885-40465-8	WS25-06 0-2.5'	Total/NA	Solid	8015M/D	40714
885-40465-9	WS25-07 0-2.5'	Total/NA	Solid	8015M/D	40714
885-40465-10	WS25-10 0-3'	Total/NA	Solid	8015M/D	40714
885-40465-11	WS25-11 0-3'	Total/NA	Solid	8015M/D	40714
MB 885-40714/1-A	Method Blank	Total/NA	Solid	8015M/D	40714
LCS 885-40714/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	40714

Analysis Batch: 40852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-1	BS25-09 2.5'	Total/NA	Solid	8021B	40714
885-40465-2	BS25-10 2.5'	Total/NA	Solid	8021B	40714
885-40465-3	BS25-14 3'	Total/NA	Solid	8021B	40714
885-40465-4	BS25-15 3'	Total/NA	Solid	8021B	40714
885-40465-5	WS25-03 0-6'	Total/NA	Solid	8021B	40714
885-40465-6	WS25-04 0-6'	Total/NA	Solid	8021B	40714
885-40465-7	WS25-05 3-6'	Total/NA	Solid	8021B	40714
885-40465-8	WS25-06 0-2.5'	Total/NA	Solid	8021B	40714
885-40465-9	WS25-07 0-2.5'	Total/NA	Solid	8021B	40714
885-40465-10	WS25-10 0-3'	Total/NA	Solid	8021B	40714
885-40465-11	WS25-11 0-3'	Total/NA	Solid	8021B	40714
MB 885-40714/1-A	Method Blank	Total/NA	Solid	8021B	40714
LCS 885-40714/3-A	Lab Control Sample	Total/NA	Solid	8021B	40714

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QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

GC Semi VOA

Analysis Batch: 40770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-1	BS25-09 2.5'	Total/NA	Solid	8015M/D	40775
885-40465-2	BS25-10 2.5'	Total/NA	Solid	8015M/D	40775
885-40465-3	BS25-14 3'	Total/NA	Solid	8015M/D	40775
885-40465-4	BS25-15 3'	Total/NA	Solid	8015M/D	40775
885-40465-6	WS25-04 0-6'	Total/NA	Solid	8015M/D	40775
885-40465-7	WS25-05 3-6'	Total/NA	Solid	8015M/D	40775
885-40465-8	WS25-06 0-2.5'	Total/NA	Solid	8015M/D	40775
885-40465-9	WS25-07 0-2.5'	Total/NA	Solid	8015M/D	40775
885-40465-10	WS25-10 0-3'	Total/NA	Solid	8015M/D	40775
885-40465-11	WS25-11 0-3'	Total/NA	Solid	8015M/D	40775
MB 885-40775/1-A	Method Blank	Total/NA	Solid	8015M/D	40775
LCS 885-40775/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	40775
885-40465-11 MS	WS25-11 0-3'	Total/NA	Solid	8015M/D	40775
885-40465-11 MSD	WS25-11 0-3'	Total/NA	Solid	8015M/D	40775

Prep Batch: 40775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-1	BS25-09 2.5'	Total/NA	Solid	SHAKE	
885-40465-2	BS25-10 2.5'	Total/NA	Solid	SHAKE	
885-40465-3	BS25-14 3'	Total/NA	Solid	SHAKE	
885-40465-4	BS25-15 3'	Total/NA	Solid	SHAKE	
885-40465-5	WS25-03 0-6'	Total/NA	Solid	SHAKE	
885-40465-6	WS25-04 0-6'	Total/NA	Solid	SHAKE	
885-40465-7	WS25-05 3-6'	Total/NA	Solid	SHAKE	
885-40465-8	WS25-06 0-2.5'	Total/NA	Solid	SHAKE	
885-40465-9	WS25-07 0-2.5'	Total/NA	Solid	SHAKE	
885-40465-10	WS25-10 0-3'	Total/NA	Solid	SHAKE	
885-40465-11	WS25-11 0-3'	Total/NA	Solid	SHAKE	
MB 885-40775/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-40775/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-40465-11 MS	WS25-11 0-3'	Total/NA	Solid	SHAKE	
885-40465-11 MSD	WS25-11 0-3'	Total/NA	Solid	SHAKE	

Analysis Batch: 40836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-5	WS25-03 0-6'	Total/NA	Solid	8015M/D	40775

HPLC/IC

Prep Batch: 40746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-1	BS25-09 2.5'	Total/NA	Solid	300_Prep	
885-40465-2	BS25-10 2.5'	Total/NA	Solid	300_Prep	
885-40465-3	BS25-14 3'	Total/NA	Solid	300_Prep	
885-40465-4	BS25-15 3'	Total/NA	Solid	300_Prep	
885-40465-5	WS25-03 0-6'	Total/NA	Solid	300_Prep	
885-40465-6	WS25-04 0-6'	Total/NA	Solid	300_Prep	
885-40465-7	WS25-05 3-6'	Total/NA	Solid	300_Prep	
885-40465-8	WS25-06 0-2.5'	Total/NA	Solid	300_Prep	
885-40465-9	WS25-07 0-2.5'	Total/NA	Solid	300_Prep	
885-40465-10	WS25-10 0-3'	Total/NA	Solid	300_Prep	

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QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

HPLC/IC (Continued)

Prep Batch: 40746 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-11	WS25-11 0-3'	Total/NA	Solid	300_Prep	
MB 885-40746/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-40746/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 40753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40465-1	BS25-09 2.5'	Total/NA	Solid	300.0	40746
885-40465-2	BS25-10 2.5'	Total/NA	Solid	300.0	40746
885-40465-3	BS25-14 3'	Total/NA	Solid	300.0	40746
885-40465-4	BS25-15 3'	Total/NA	Solid	300.0	40746
885-40465-5	WS25-03 0-6'	Total/NA	Solid	300.0	40746
885-40465-6	WS25-04 0-6'	Total/NA	Solid	300.0	40746
885-40465-7	WS25-05 3-6'	Total/NA	Solid	300.0	40746
885-40465-8	WS25-06 0-2.5'	Total/NA	Solid	300.0	40746
885-40465-9	WS25-07 0-2.5'	Total/NA	Solid	300.0	40746
885-40465-10	WS25-10 0-3'	Total/NA	Solid	300.0	40746
885-40465-11	WS25-11 0-3'	Total/NA	Solid	300.0	40746
MB 885-40746/1-A	Method Blank	Total/NA	Solid	300.0	40746
LCS 885-40746/2-A	Lab Control Sample	Total/NA	Solid	300.0	40746

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: BS25-09 2.5'

Lab Sample ID: 885-40465-1

Date Collected: 12/23/25 10:30

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 21:09
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 21:09
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 00:26
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 12:35

Client Sample ID: BS25-10 2.5'

Lab Sample ID: 885-40465-2

Date Collected: 12/23/25 10:35

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 21:32
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 21:32
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 00:49
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 12:49

Client Sample ID: BS25-14 3'

Lab Sample ID: 885-40465-3

Date Collected: 12/23/25 10:55

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 21:56
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 21:56
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 01:36
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 13:02

Client Sample ID: BS25-15 3'

Lab Sample ID: 885-40465-4

Date Collected: 12/23/25 11:00

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 22:19

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: BS25-15 3'

Lab Sample ID: 885-40465-4

Date Collected: 12/23/25 11:00

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 22:19
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 01:59
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 13:16

Client Sample ID: WS25-03 0-6'

Lab Sample ID: 885-40465-5

Date Collected: 12/23/25 10:00

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 22:43
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 22:43
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40836	EM	EET ALB	01/06/26 20:18
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 13:29

Client Sample ID: WS25-04 0-6'

Lab Sample ID: 885-40465-6

Date Collected: 12/23/25 10:05

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 23:30
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 23:30
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 02:45
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 13:43

Client Sample ID: WS25-05 3-6'

Lab Sample ID: 885-40465-7

Date Collected: 12/23/25 10:10

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 23:54
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 23:54

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-05 3-6'

Lab Sample ID: 885-40465-7

Date Collected: 12/23/25 10:10

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 03:08
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 13:57

Client Sample ID: WS25-06 0-2.5'

Lab Sample ID: 885-40465-8

Date Collected: 12/23/25 10:20

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/06/26 00:17
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/06/26 00:17
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 03:31
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 14:10

Client Sample ID: WS25-07 0-2.5'

Lab Sample ID: 885-40465-9

Date Collected: 12/23/25 10:25

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/06/26 00:40
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/06/26 00:40
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 03:54
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 14:24

Client Sample ID: WS25-10 0-3'

Lab Sample ID: 885-40465-10

Date Collected: 12/23/25 10:45

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/06/26 01:04
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/06/26 01:04
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 04:17

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Client Sample ID: WS25-10 0-3'

Lab Sample ID: 885-40465-10

Date Collected: 12/23/25 10:45

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 15:05

Client Sample ID: WS25-11 0-3'

Lab Sample ID: 885-40465-11

Date Collected: 12/23/25 10:50

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/06/26 01:27
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/06/26 01:27
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/03/26 04:40
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 15:19

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-40465-1

Laboratory: Eurofins Albuquerque

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

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

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Chain-of-Custody Record

Client: **Vertex Resource Services**

(Direct Bill to EOG Resources Inc)

Mailing Address: 3101 Boyd Drive
Carlsbad, New Mexico 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:
 Standard 5-day rush

Project Name:
Hawk 35 Federal CTB

Project #:
24E-03931

Project Manager:
Chance Dixon
cdixon@vertexresource.com

Sampler: ~~L. Pullman~~ **J. Lewis**

On Ice: Yes No *joe*

of Coolers: 1

Cooler Temp (including CF): $1.2 + 0.2 = 1.4$



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 871
Tel. 505-345-3975 Fax 505-345-4107



885-40465 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH: 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
12.23.25	10:30	Soil	BS25-09 2.5'	1-4oz jar			X	X				X			
12.23.25	10:35	Soil	BS25-10 2.5'	1-4oz jar			X	X				X			
12.23.25	10:55	Soil	BS25-14 3'	1-4oz jar			X	X				X			
12.23.25	11:00	Soil	BS25-15 3'	1-4oz jar			X	X				X			
12.23.25	10:00	Soil	WS25-03 0-6'	1-4oz jar			X	X				X			
12.23.25	10:05	Soil	WS25-04 0-6'	1-4oz jar			X	X				X			
12.23.25	10:10	Soil	WS25-05 3-6'	1-4oz jar			X	X				X			
12.23.25	10:20	Soil	WS25-06 0-2.5'	1-4oz jar			X	X				X			
12.23.25	10:25	Soil	WS25-07 0-2.5'	1-4oz jar			X	X				X			
12.23.25	10:45	Soil	WS25-10 0-3'	1-4oz jar			X	X				X			
12.23.25	10:50	Soil	WS25-11 0-3'	1-4oz jar			X	X				X			

Date: 12-29-25 Time: 0600 Relinquished by: *[Signature]*

Date: 1/7/2026 Time: 1900 Relinquished by: *[Signature]*

Received by: *[Signature]* Via: *[Signature]* Date: 12/29/25 Time: 1000

Received by: *[Signature]* Via: *[Signature]* Date: 12/30/25 Time: 7:00

Direct Bill to EOG Resources Inc. ATTN Chase Settle
CC.permian@vertexresource.com, cdixon@vertexresource.com,
Lpullman@vertexresource.com, aharris@vertexresource.com,
ALudvik@vertexresource.com, jrewis@vertexresource.com,
Katrina.Taylor@vertexresource.com for Final Report.

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: 885-40465-1

Login Number: 40465

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/20/2026 11:23:21 AM

JOB DESCRIPTION

Hawk 35 Fed CTB

JOB NUMBER

885-41130-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
1/20/2026 11:23:21 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Laboratory Job ID: 885-41130-1

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Definitions/Glossary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

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: Hawk 35 Fed CTB

Job ID: 885-41130-1

Job ID: 885-41130-1

Eurofins Albuquerque

Job Narrative 885-41130-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 1/10/2026 7:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-7 4'

Lab Sample ID: 885-41130-1

Date Collected: 01/08/26 09:20

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 02:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			01/12/26 11:39	01/14/26 02:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 02:38	1
Ethylbenzene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 02:38	1
Toluene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 02:38	1
Xylenes, Total	ND		0.095	mg/Kg		01/12/26 11:39	01/14/26 02:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/12/26 11:39	01/14/26 02:38	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		01/13/26 08:36	01/13/26 12:06	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/13/26 08:36	01/13/26 12:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			01/13/26 08:36	01/13/26 12:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	720		50	mg/Kg		01/14/26 15:17	01/15/26 00:12	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-17 3'

Lab Sample ID: 885-41130-2

Date Collected: 01/08/26 09:30

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 03:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			01/12/26 11:39	01/14/26 03:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 03:02	1
Ethylbenzene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 03:02	1
Toluene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 03:02	1
Xylenes, Total	ND		0.097	mg/Kg		01/12/26 11:39	01/14/26 03:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			01/12/26 11:39	01/14/26 03:02	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		9.7	mg/Kg		01/13/26 08:36	01/13/26 12:17	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/13/26 08:36	01/13/26 12:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			01/13/26 08:36	01/13/26 12:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81		50	mg/Kg		01/14/26 15:17	01/15/26 00:25	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-18 3'

Lab Sample ID: 885-41130-3

Date Collected: 01/08/26 09:40

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 03:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			01/12/26 11:39	01/14/26 03:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 03:25	1
Ethylbenzene	ND		0.049	mg/Kg		01/12/26 11:39	01/14/26 03:25	1
Toluene	ND		0.049	mg/Kg		01/12/26 11:39	01/14/26 03:25	1
Xylenes, Total	ND		0.097	mg/Kg		01/12/26 11:39	01/14/26 03:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			01/12/26 11:39	01/14/26 03:25	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		9.9	mg/Kg		01/13/26 08:36	01/13/26 12:28	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/13/26 08:36	01/13/26 12:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			01/13/26 08:36	01/13/26 12:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	960		50	mg/Kg		01/14/26 15:17	01/15/26 01:06	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-19 4'

Lab Sample ID: 885-41130-4

Date Collected: 01/08/26 10:10

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 03:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			01/12/26 11:39	01/14/26 03:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 03:49	1
Ethylbenzene	ND		0.049	mg/Kg		01/12/26 11:39	01/14/26 03:49	1
Toluene	ND		0.049	mg/Kg		01/12/26 11:39	01/14/26 03:49	1
Xylenes, Total	ND		0.098	mg/Kg		01/12/26 11:39	01/14/26 03:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			01/12/26 11:39	01/14/26 03:49	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		9.9	mg/Kg		01/13/26 08:36	01/13/26 12:49	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/13/26 08:36	01/13/26 12:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			01/13/26 08:36	01/13/26 12:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		51	mg/Kg		01/14/26 15:17	01/15/26 01:20	10

Client Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-23 0.5'

Lab Sample ID: 885-41130-5

Date Collected: 01/08/26 10:40

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150	01/12/26 11:39	01/14/26 04:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/12/26 11:39	01/14/26 04:35	1
Ethylbenzene	ND		0.050	mg/Kg		01/12/26 11:39	01/14/26 04:35	1
Toluene	ND		0.050	mg/Kg		01/12/26 11:39	01/14/26 04:35	1
Xylenes, Total	ND		0.10	mg/Kg		01/12/26 11:39	01/14/26 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150	01/12/26 11:39	01/14/26 04:35	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		01/13/26 08:36	01/13/26 13:00	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/13/26 08:36	01/13/26 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134	01/13/26 08:36	01/13/26 13:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		50	mg/Kg		01/14/26 15:17	01/15/26 01:34	10

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Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-24 2'

Lab Sample ID: 885-41130-6

Date Collected: 01/08/26 11:10

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 04:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			01/12/26 11:39	01/14/26 04:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 04:59	1
Ethylbenzene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 04:59	1
Toluene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 04:59	1
Xylenes, Total	ND		0.096	mg/Kg		01/12/26 11:39	01/14/26 04:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			01/12/26 11:39	01/14/26 04:59	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		10	mg/Kg		01/13/26 08:36	01/13/26 13:10	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/13/26 08:36	01/13/26 13:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			01/13/26 08:36	01/13/26 13:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		51	mg/Kg		01/14/26 15:17	01/15/26 01:47	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-25 2'

Lab Sample ID: 885-41130-7

Date Collected: 01/08/26 11:20

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 05:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/12/26 11:39	01/14/26 05:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 05:22	1
Ethylbenzene	ND		0.049	mg/Kg		01/12/26 11:39	01/14/26 05:22	1
Toluene	ND		0.049	mg/Kg		01/12/26 11:39	01/14/26 05:22	1
Xylenes, Total	ND		0.097	mg/Kg		01/12/26 11:39	01/14/26 05:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/12/26 11:39	01/14/26 05:22	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		9.8	mg/Kg		01/13/26 08:36	01/13/26 13:21	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/13/26 08:36	01/13/26 13:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			01/13/26 08:36	01/13/26 13:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		50	mg/Kg		01/14/26 15:17	01/15/26 02:01	10

Client Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: WS25-01 0-3.5'

Lab Sample ID: 885-41130-8

Date Collected: 01/08/26 13:00

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150	01/12/26 11:39	01/14/26 05:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 05:46	1
Ethylbenzene	ND		0.049	mg/Kg		01/12/26 11:39	01/14/26 05:46	1
Toluene	ND		0.049	mg/Kg		01/12/26 11:39	01/14/26 05:46	1
Xylenes, Total	ND		0.097	mg/Kg		01/12/26 11:39	01/14/26 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150	01/12/26 11:39	01/14/26 05:46	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		01/13/26 08:36	01/13/26 13:32	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/13/26 08:36	01/13/26 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134	01/13/26 08:36	01/13/26 13:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58		50	mg/Kg		01/14/26 15:17	01/15/26 02:15	10

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Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: WS25-02 0-3.5'

Lab Sample ID: 885-41130-9

Date Collected: 01/08/26 13:10

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 06:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/12/26 11:39	01/14/26 06:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 06:09	1
Ethylbenzene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 06:09	1
Toluene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 06:09	1
Xylenes, Total	ND		0.096	mg/Kg		01/12/26 11:39	01/14/26 06:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/12/26 11:39	01/14/26 06:09	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		9.7	mg/Kg		01/13/26 08:36	01/13/26 13:43	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/13/26 08:36	01/13/26 13:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			01/13/26 08:36	01/13/26 13:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94		50	mg/Kg		01/14/26 15:17	01/15/26 02:28	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: WS25-12 0-3'

Lab Sample ID: 885-41130-10

Date Collected: 01/08/26 09:50

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 06:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/12/26 11:39	01/14/26 06:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 06:33	1
Ethylbenzene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 06:33	1
Toluene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 06:33	1
Xylenes, Total	ND		0.097	mg/Kg		01/12/26 11:39	01/14/26 06:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/12/26 11:39	01/14/26 06:33	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		9.8	mg/Kg		01/13/26 08:36	01/13/26 13:54	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/13/26 08:36	01/13/26 13:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			01/13/26 08:36	01/13/26 13:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68		50	mg/Kg		01/14/26 15:17	01/15/26 02:42	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: WS25-14 0-4'

Lab Sample ID: 885-41130-11

Date Collected: 01/08/26 10:20

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 06:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/12/26 11:39	01/14/26 06:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 06:56	1
Ethylbenzene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 06:56	1
Toluene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 06:56	1
Xylenes, Total	ND		0.097	mg/Kg		01/12/26 11:39	01/14/26 06:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/12/26 11:39	01/14/26 06:56	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		9.5	mg/Kg		01/13/26 08:36	01/13/26 14:04	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/13/26 08:36	01/13/26 14:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			01/13/26 08:36	01/13/26 14:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/14/26 15:17	01/15/26 02:56	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: WS25-16 0-2'

Lab Sample ID: 885-41130-12

Date Collected: 01/08/26 11:30

Matrix: Solid

Date Received: 01/10/26 07:10

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		01/12/26 11:39	01/14/26 07:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/12/26 11:39	01/14/26 07:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/12/26 11:39	01/14/26 07:20	1
Ethylbenzene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 07:20	1
Toluene	ND		0.048	mg/Kg		01/12/26 11:39	01/14/26 07:20	1
Xylenes, Total	ND		0.095	mg/Kg		01/12/26 11:39	01/14/26 07:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			01/12/26 11:39	01/14/26 07:20	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		01/13/26 08:36	01/13/26 14:15	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/13/26 08:36	01/13/26 14:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			01/13/26 08:36	01/13/26 14:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		50	mg/Kg		01/14/26 15:17	01/15/26 03:09	10

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

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

Lab Sample ID: MB 885-41180/1-A
Matrix: Solid
Analysis Batch: 41241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41180

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/12/26 11:39	01/13/26 22:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			01/12/26 11:39	01/13/26 22:18	1

Lab Sample ID: LCS 885-41180/2-A
Matrix: Solid
Analysis Batch: 41241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	28.0		mg/Kg		112	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	219		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-41180/1-A
Matrix: Solid
Analysis Batch: 41242

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41180

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/12/26 11:39	01/13/26 22:18	1
Ethylbenzene	ND		0.050	mg/Kg		01/12/26 11:39	01/13/26 22:18	1
Toluene	ND		0.050	mg/Kg		01/12/26 11:39	01/13/26 22:18	1
Xylenes, Total	ND		0.10	mg/Kg		01/12/26 11:39	01/13/26 22:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			01/12/26 11:39	01/13/26 22:18	1

Lab Sample ID: LCS 885-41180/3-A
Matrix: Solid
Analysis Batch: 41242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.965		mg/Kg		97	70 - 130
Ethylbenzene	1.00	0.976		mg/Kg		98	70 - 130
Toluene	1.00	0.996		mg/Kg		100	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		15 - 150				

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

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

Lab Sample ID: MB 885-41233/1-A
Matrix: Solid
Analysis Batch: 41232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41233

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/13/26 08:36	01/13/26 10:42	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/13/26 08:36	01/13/26 10:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			01/13/26 08:36	01/13/26 10:42	1

Lab Sample ID: LCS 885-41233/2-A
Matrix: Solid
Analysis Batch: 41232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	52.4		mg/Kg		105	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	100		62 - 134				

Lab Sample ID: 885-41130-12 MS
Matrix: Solid
Analysis Batch: 41232

Client Sample ID: WS25-16 0-2'
Prep Type: Total/NA
Prep Batch: 41233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		47.3	52.9		mg/Kg		112	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	106		62 - 134						

Lab Sample ID: 885-41130-12 MSD
Matrix: Solid
Analysis Batch: 41232

Client Sample ID: WS25-16 0-2'
Prep Type: Total/NA
Prep Batch: 41233

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		50.0	61.9		mg/Kg		124	44 - 136	16	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	118		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41350/1-A
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41350

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/14/26 15:17	01/14/26 21:01	1

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-41350/2-A
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.7	47.9		mg/Kg		96	90 - 110

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

QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

GC VOA

Prep Batch: 41180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41130-1	BS25-7 4'	Total/NA	Solid	5030C	
885-41130-2	BS25-17 3'	Total/NA	Solid	5030C	
885-41130-3	BS25-18 3'	Total/NA	Solid	5030C	
885-41130-4	BS25-19 4'	Total/NA	Solid	5030C	
885-41130-5	BS25-23 0.5'	Total/NA	Solid	5030C	
885-41130-6	BS25-24 2'	Total/NA	Solid	5030C	
885-41130-7	BS25-25 2'	Total/NA	Solid	5030C	
885-41130-8	WS25-01 0-3.5'	Total/NA	Solid	5030C	
885-41130-9	WS25-02 0-3.5'	Total/NA	Solid	5030C	
885-41130-10	WS25-12 0-3'	Total/NA	Solid	5030C	
885-41130-11	WS25-14 0-4'	Total/NA	Solid	5030C	
885-41130-12	WS25-16 0-2'	Total/NA	Solid	5030C	
MB 885-41180/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41180/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41180/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 41241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41130-1	BS25-7 4'	Total/NA	Solid	8015M/D	41180
885-41130-2	BS25-17 3'	Total/NA	Solid	8015M/D	41180
885-41130-3	BS25-18 3'	Total/NA	Solid	8015M/D	41180
885-41130-4	BS25-19 4'	Total/NA	Solid	8015M/D	41180
885-41130-5	BS25-23 0.5'	Total/NA	Solid	8015M/D	41180
885-41130-6	BS25-24 2'	Total/NA	Solid	8015M/D	41180
885-41130-7	BS25-25 2'	Total/NA	Solid	8015M/D	41180
885-41130-8	WS25-01 0-3.5'	Total/NA	Solid	8015M/D	41180
885-41130-9	WS25-02 0-3.5'	Total/NA	Solid	8015M/D	41180
885-41130-10	WS25-12 0-3'	Total/NA	Solid	8015M/D	41180
885-41130-11	WS25-14 0-4'	Total/NA	Solid	8015M/D	41180
885-41130-12	WS25-16 0-2'	Total/NA	Solid	8015M/D	41180
MB 885-41180/1-A	Method Blank	Total/NA	Solid	8015M/D	41180
LCS 885-41180/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41180

Analysis Batch: 41242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41130-1	BS25-7 4'	Total/NA	Solid	8021B	41180
885-41130-2	BS25-17 3'	Total/NA	Solid	8021B	41180
885-41130-3	BS25-18 3'	Total/NA	Solid	8021B	41180
885-41130-4	BS25-19 4'	Total/NA	Solid	8021B	41180
885-41130-5	BS25-23 0.5'	Total/NA	Solid	8021B	41180
885-41130-6	BS25-24 2'	Total/NA	Solid	8021B	41180
885-41130-7	BS25-25 2'	Total/NA	Solid	8021B	41180
885-41130-8	WS25-01 0-3.5'	Total/NA	Solid	8021B	41180
885-41130-9	WS25-02 0-3.5'	Total/NA	Solid	8021B	41180
885-41130-10	WS25-12 0-3'	Total/NA	Solid	8021B	41180
885-41130-11	WS25-14 0-4'	Total/NA	Solid	8021B	41180
885-41130-12	WS25-16 0-2'	Total/NA	Solid	8021B	41180
MB 885-41180/1-A	Method Blank	Total/NA	Solid	8021B	41180
LCS 885-41180/3-A	Lab Control Sample	Total/NA	Solid	8021B	41180

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QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

GC Semi VOA

Analysis Batch: 41232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41130-1	BS25-7 4'	Total/NA	Solid	8015M/D	41233
885-41130-2	BS25-17 3'	Total/NA	Solid	8015M/D	41233
885-41130-3	BS25-18 3'	Total/NA	Solid	8015M/D	41233
885-41130-4	BS25-19 4'	Total/NA	Solid	8015M/D	41233
885-41130-5	BS25-23 0.5'	Total/NA	Solid	8015M/D	41233
885-41130-6	BS25-24 2'	Total/NA	Solid	8015M/D	41233
885-41130-7	BS25-25 2'	Total/NA	Solid	8015M/D	41233
885-41130-8	WS25-01 0-3.5'	Total/NA	Solid	8015M/D	41233
885-41130-9	WS25-02 0-3.5'	Total/NA	Solid	8015M/D	41233
885-41130-10	WS25-12 0-3'	Total/NA	Solid	8015M/D	41233
885-41130-11	WS25-14 0-4'	Total/NA	Solid	8015M/D	41233
885-41130-12	WS25-16 0-2'	Total/NA	Solid	8015M/D	41233
MB 885-41233/1-A	Method Blank	Total/NA	Solid	8015M/D	41233
LCS 885-41233/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41233
885-41130-12 MS	WS25-16 0-2'	Total/NA	Solid	8015M/D	41233
885-41130-12 MSD	WS25-16 0-2'	Total/NA	Solid	8015M/D	41233

Prep Batch: 41233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41130-1	BS25-7 4'	Total/NA	Solid	SHAKE	
885-41130-2	BS25-17 3'	Total/NA	Solid	SHAKE	
885-41130-3	BS25-18 3'	Total/NA	Solid	SHAKE	
885-41130-4	BS25-19 4'	Total/NA	Solid	SHAKE	
885-41130-5	BS25-23 0.5'	Total/NA	Solid	SHAKE	
885-41130-6	BS25-24 2'	Total/NA	Solid	SHAKE	
885-41130-7	BS25-25 2'	Total/NA	Solid	SHAKE	
885-41130-8	WS25-01 0-3.5'	Total/NA	Solid	SHAKE	
885-41130-9	WS25-02 0-3.5'	Total/NA	Solid	SHAKE	
885-41130-10	WS25-12 0-3'	Total/NA	Solid	SHAKE	
885-41130-11	WS25-14 0-4'	Total/NA	Solid	SHAKE	
885-41130-12	WS25-16 0-2'	Total/NA	Solid	SHAKE	
MB 885-41233/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41233/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-41130-12 MS	WS25-16 0-2'	Total/NA	Solid	SHAKE	
885-41130-12 MSD	WS25-16 0-2'	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 41334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41130-1	BS25-7 4'	Total/NA	Solid	300.0	41350
885-41130-2	BS25-17 3'	Total/NA	Solid	300.0	41350
885-41130-3	BS25-18 3'	Total/NA	Solid	300.0	41350
885-41130-4	BS25-19 4'	Total/NA	Solid	300.0	41350
885-41130-5	BS25-23 0.5'	Total/NA	Solid	300.0	41350
885-41130-6	BS25-24 2'	Total/NA	Solid	300.0	41350
885-41130-7	BS25-25 2'	Total/NA	Solid	300.0	41350
885-41130-8	WS25-01 0-3.5'	Total/NA	Solid	300.0	41350
885-41130-9	WS25-02 0-3.5'	Total/NA	Solid	300.0	41350
885-41130-10	WS25-12 0-3'	Total/NA	Solid	300.0	41350
885-41130-11	WS25-14 0-4'	Total/NA	Solid	300.0	41350

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QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

HPLC/IC (Continued)

Analysis Batch: 41334 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41130-12	WS25-16 0-2'	Total/NA	Solid	300.0	41350
MB 885-41350/1-A	Method Blank	Total/NA	Solid	300.0	41350
LCS 885-41350/2-A	Lab Control Sample	Total/NA	Solid	300.0	41350

Prep Batch: 41350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41130-1	BS25-7 4'	Total/NA	Solid	300_Prep	
885-41130-2	BS25-17 3'	Total/NA	Solid	300_Prep	
885-41130-3	BS25-18 3'	Total/NA	Solid	300_Prep	
885-41130-4	BS25-19 4'	Total/NA	Solid	300_Prep	
885-41130-5	BS25-23 0.5'	Total/NA	Solid	300_Prep	
885-41130-6	BS25-24 2'	Total/NA	Solid	300_Prep	
885-41130-7	BS25-25 2'	Total/NA	Solid	300_Prep	
885-41130-8	WS25-01 0-3.5'	Total/NA	Solid	300_Prep	
885-41130-9	WS25-02 0-3.5'	Total/NA	Solid	300_Prep	
885-41130-10	WS25-12 0-3'	Total/NA	Solid	300_Prep	
885-41130-11	WS25-14 0-4'	Total/NA	Solid	300_Prep	
885-41130-12	WS25-16 0-2'	Total/NA	Solid	300_Prep	
MB 885-41350/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41350/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-7 4'

Lab Sample ID: 885-41130-1

Date Collected: 01/08/26 09:20

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 02:38
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 02:38
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 12:06
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 00:12

Client Sample ID: BS25-17 3'

Lab Sample ID: 885-41130-2

Date Collected: 01/08/26 09:30

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 03:02
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 03:02
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 12:17
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 00:25

Client Sample ID: BS25-18 3'

Lab Sample ID: 885-41130-3

Date Collected: 01/08/26 09:40

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 03:25
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 03:25
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 12:28
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 01:06

Client Sample ID: BS25-19 4'

Lab Sample ID: 885-41130-4

Date Collected: 01/08/26 10:10

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 03:49

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Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-19 4'

Lab Sample ID: 885-41130-4

Date Collected: 01/08/26 10:10

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 03:49
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 12:49
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 01:20

Client Sample ID: BS25-23 0.5'

Lab Sample ID: 885-41130-5

Date Collected: 01/08/26 10:40

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 04:35
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 04:35
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 13:00
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 01:34

Client Sample ID: BS25-24 2'

Lab Sample ID: 885-41130-6

Date Collected: 01/08/26 11:10

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 04:59
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 04:59
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 13:10
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 01:47

Client Sample ID: BS25-25 2'

Lab Sample ID: 885-41130-7

Date Collected: 01/08/26 11:20

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 05:22
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 05:22

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Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: BS25-25 2'

Lab Sample ID: 885-41130-7

Date Collected: 01/08/26 11:20

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 13:21
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 02:01

Client Sample ID: WS25-01 0-3.5'

Lab Sample ID: 885-41130-8

Date Collected: 01/08/26 13:00

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 05:46
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 05:46
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 13:32
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 02:15

Client Sample ID: WS25-02 0-3.5'

Lab Sample ID: 885-41130-9

Date Collected: 01/08/26 13:10

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 06:09
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 06:09
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 13:43
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 02:28

Client Sample ID: WS25-12 0-3'

Lab Sample ID: 885-41130-10

Date Collected: 01/08/26 09:50

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 06:33
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 06:33
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 13:54

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Client Sample ID: WS25-12 0-3'

Lab Sample ID: 885-41130-10

Date Collected: 01/08/26 09:50

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 02:42

Client Sample ID: WS25-14 0-4'

Lab Sample ID: 885-41130-11

Date Collected: 01/08/26 10:20

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 06:56
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 06:56
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 14:04
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 02:56

Client Sample ID: WS25-16 0-2'

Lab Sample ID: 885-41130-12

Date Collected: 01/08/26 11:30

Matrix: Solid

Date Received: 01/10/26 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8015M/D		1	41241	VP	EET ALB	01/14/26 07:20
Total/NA	Prep	5030C			41180	VP	EET ALB	01/12/26 11:39
Total/NA	Analysis	8021B		1	41242	VP	EET ALB	01/14/26 07:20
Total/NA	Prep	SHAKE			41233	DR	EET ALB	01/13/26 08:36
Total/NA	Analysis	8015M/D		1	41232	BV	EET ALB	01/13/26 14:15
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 03:09

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41130-1

Laboratory: Eurofins Albuquerque

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

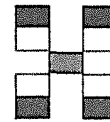
Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-26

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Chain-of-Custody Record

Client: Vertex
 Direct Bill EOG
 Mailing Address: 3101 Boyd Dr
Corlsbad, 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:
 Standard Rush 5 Day
 Project Name:
Hawk 35 Fed CTB
 Project #:
24E-03931
 Project Manager:
Chance Dixon
 Sampler: AH
 On Ice: Yes No Along
 # of Coolers: 1
 Cooler Temp (including CF): 2.0 + 0.3 = 2.3 (°C)



HALL ENVIRONMENTAL ANALYSIS LABORATORY



www.hallenvironmental.com
 885-41130 COC
 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/3015D(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)
8/26	0920	Soil	B525- 17 <u>4'</u>	1, 4oz	ICE												
	0930		B525-17 3'														
	0940		B525-18 3'														
	10:10		B525-19 4'														
	10:40		B525-23 0.5'														
	11:10		B525-24 2'														
	1120		B525-25 2'														
	13:00		WS25-01 0-3.5'														
	13:10		WS25-02 0-3.5'														
	0950		WS25-12 0-3'														
	1020		WS25-14 0-4'														
	1130		WS25-16 0-2'														

Date	Time	Relinquished by	Received by	Via	Date	Time	Remarks: Attn: Chase Settle CC: permian@vertexresource.com cdixon@vertexresource.com aharris@vertexresource.com lpullman@vertexresource.com jnew@vertexresource.com
8/26	1900	McMurry	McMurry	owner	8/26	1030	
					8/26	7:10	

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: 885-41130-1

Login Number: 41130

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/23/2026 2:02:47 PM

JOB DESCRIPTION

Hawk 35 Fed CTB

JOB NUMBER

885-41188-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Laboratory Job ID: 885-41188-1



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Definitions/Glossary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

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
Project: Hawk 35 Fed CTB

Job ID: 885-41188-1

Job ID: 885-41188-1

Eurofins Albuquerque

Job Narrative 885-41188-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 1/13/2026 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

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 8015M/D: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 885-41271 and analytical batch 885-41256 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015M/D: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 885-41271 and analytical batch 885-41377 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-26 2.5'

Lab Sample ID: 885-41188-1

Date Collected: 01/09/26 10:10

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 17:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			01/13/26 12:55	01/14/26 17:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/13/26 12:55	01/14/26 17:24	1
Ethylbenzene	ND		0.048	mg/Kg		01/13/26 12:55	01/14/26 17:24	1
Toluene	ND		0.048	mg/Kg		01/13/26 12:55	01/14/26 17:24	1
Xylenes, Total	ND		0.096	mg/Kg		01/13/26 12:55	01/14/26 17:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/13/26 12:55	01/14/26 17:24	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		01/13/26 13:41	01/13/26 17:44	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/13/26 13:41	01/13/26 17:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			01/13/26 13:41	01/13/26 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		01/14/26 11:31	01/14/26 14:39	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-29 2.5'

Lab Sample ID: 885-41188-2

Date Collected: 01/09/26 10:50

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			01/13/26 12:55	01/14/26 18:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/13/26 12:55	01/14/26 18:36	1
Ethylbenzene	ND		0.047	mg/Kg		01/13/26 12:55	01/14/26 18:36	1
Toluene	ND		0.047	mg/Kg		01/13/26 12:55	01/14/26 18:36	1
Xylenes, Total	ND		0.094	mg/Kg		01/13/26 12:55	01/14/26 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/13/26 12:55	01/14/26 18:36	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		01/13/26 13:41	01/13/26 17:55	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/13/26 13:41	01/13/26 17:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			01/13/26 13:41	01/13/26 17:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		50	mg/Kg		01/14/26 11:31	01/14/26 15:20	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-30 0.5'

Lab Sample ID: 885-41188-3

Date Collected: 01/09/26 11:10

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 19:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			01/13/26 12:55	01/14/26 19:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/13/26 12:55	01/14/26 19:48	1
Ethylbenzene	ND		0.049	mg/Kg		01/13/26 12:55	01/14/26 19:48	1
Toluene	ND		0.049	mg/Kg		01/13/26 12:55	01/14/26 19:48	1
Xylenes, Total	ND		0.099	mg/Kg		01/13/26 12:55	01/14/26 19:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/13/26 12:55	01/14/26 19:48	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		9.9	mg/Kg		01/13/26 13:41	01/13/26 18:07	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/13/26 13:41	01/13/26 18:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	112		62 - 134			01/13/26 13:41	01/13/26 18:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		50	mg/Kg		01/14/26 11:31	01/14/26 16:01	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: WS25-17 0-2.5'

Lab Sample ID: 885-41188-4

Date Collected: 01/09/26 10:20

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 20:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			01/13/26 12:55	01/14/26 20:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/13/26 12:55	01/14/26 20:11	1
Ethylbenzene	ND		0.046	mg/Kg		01/13/26 12:55	01/14/26 20:11	1
Toluene	ND		0.046	mg/Kg		01/13/26 12:55	01/14/26 20:11	1
Xylenes, Total	ND		0.093	mg/Kg		01/13/26 12:55	01/14/26 20:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			01/13/26 12:55	01/14/26 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		9.5	mg/Kg		01/13/26 13:41	01/13/26 18:19	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/13/26 13:41	01/13/26 18:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			01/13/26 13:41	01/13/26 18:19	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/14/26 11:31	01/14/26 16:15	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: WS25-19 0-3'

Lab Sample ID: 885-41188-5

Date Collected: 01/09/26 11:30

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 20:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			01/13/26 12:55	01/14/26 20:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/13/26 12:55	01/14/26 20:35	1
Ethylbenzene	ND		0.046	mg/Kg		01/13/26 12:55	01/14/26 20:35	1
Toluene	ND		0.046	mg/Kg		01/13/26 12:55	01/14/26 20:35	1
Xylenes, Total	ND		0.092	mg/Kg		01/13/26 12:55	01/14/26 20:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			01/13/26 12:55	01/14/26 20:35	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		9.1	mg/Kg		01/13/26 13:41	01/13/26 18:31	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		01/13/26 13:41	01/13/26 18:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			01/13/26 13:41	01/13/26 18:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74		50	mg/Kg		01/14/26 11:31	01/14/26 16:55	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-31 3'

Lab Sample ID: 885-41188-6

Date Collected: 01/09/26 11:20

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 20:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			01/13/26 12:55	01/14/26 20:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/13/26 12:55	01/14/26 20:59	1
Ethylbenzene	ND		0.048	mg/Kg		01/13/26 12:55	01/14/26 20:59	1
Toluene	ND		0.048	mg/Kg		01/13/26 12:55	01/14/26 20:59	1
Xylenes, Total	ND		0.096	mg/Kg		01/13/26 12:55	01/14/26 20:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			01/13/26 12:55	01/14/26 20:59	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]	140		9.2	mg/Kg		01/13/26 13:41	01/13/26 18:42	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/13/26 13:41	01/13/26 18:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			01/13/26 13:41	01/13/26 18:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		50	mg/Kg		01/14/26 11:31	01/14/26 17:09	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-18 3'

Lab Sample ID: 885-41188-7

Date Collected: 01/09/26 10:05

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 21:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			01/13/26 12:55	01/14/26 21:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/13/26 12:55	01/14/26 21:23	1
Ethylbenzene	ND		0.049	mg/Kg		01/13/26 12:55	01/14/26 21:23	1
Toluene	ND		0.049	mg/Kg		01/13/26 12:55	01/14/26 21:23	1
Xylenes, Total	ND		0.098	mg/Kg		01/13/26 12:55	01/14/26 21:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			01/13/26 12:55	01/14/26 21:23	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]	23		9.6	mg/Kg		01/13/26 13:41	01/15/26 12:29	1
Motor Oil Range Organics [C28-C40]	180		48	mg/Kg		01/13/26 13:41	01/15/26 12:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			01/13/26 13:41	01/15/26 12:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/14/26 11:31	01/14/26 17:23	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-19 4'

Lab Sample ID: 885-41188-8

Date Collected: 01/09/26 10:10

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 21:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			01/13/26 12:55	01/14/26 21:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/13/26 12:55	01/14/26 21:47	1
Ethylbenzene	ND		0.048	mg/Kg		01/13/26 12:55	01/14/26 21:47	1
Toluene	ND		0.048	mg/Kg		01/13/26 12:55	01/14/26 21:47	1
Xylenes, Total	ND		0.095	mg/Kg		01/13/26 12:55	01/14/26 21:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			01/13/26 12:55	01/14/26 21:47	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]	29		9.6	mg/Kg		01/21/26 10:52	01/23/26 12:08	1
Motor Oil Range Organics [C28-C40]	190		48	mg/Kg		01/21/26 10:52	01/23/26 12:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			01/21/26 10:52	01/23/26 12:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/14/26 11:31	01/14/26 17:36	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-23 0.5'

Lab Sample ID: 885-41188-9

Date Collected: 01/09/26 10:15

Matrix: Solid

Date Received: 01/13/26 07:45

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		01/13/26 12:55	01/14/26 22:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			01/13/26 12:55	01/14/26 22:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/13/26 12:55	01/14/26 22:10	1
Ethylbenzene	ND		0.048	mg/Kg		01/13/26 12:55	01/14/26 22:10	1
Toluene	ND		0.048	mg/Kg		01/13/26 12:55	01/14/26 22:10	1
Xylenes, Total	ND		0.097	mg/Kg		01/13/26 12:55	01/14/26 22:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/13/26 12:55	01/14/26 22:10	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]	17		10	mg/Kg		01/13/26 13:41	01/13/26 19:17	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/13/26 13:41	01/13/26 19:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			01/13/26 13:41	01/13/26 19:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74		50	mg/Kg		01/14/26 11:31	01/14/26 17:49	10

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

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

Lab Sample ID: MB 885-41267/1-A
Matrix: Solid
Analysis Batch: 41303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41267

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/13/26 12:55	01/14/26 17:00	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			01/13/26 12:55	01/14/26 17:00	1

Lab Sample ID: LCS 885-41267/2-A
Matrix: Solid
Analysis Batch: 41303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	25.9		mg/Kg		104	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	220		15 - 150				

Lab Sample ID: 885-41188-1 MS
Matrix: Solid
Analysis Batch: 41303

Client Sample ID: BS25-26 2.5'
Prep Type: Total/NA
Prep Batch: 41267

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		24.0	26.0		mg/Kg		108	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	218		15 - 150						

Lab Sample ID: 885-41188-1 MSD
Matrix: Solid
Analysis Batch: 41303

Client Sample ID: BS25-26 2.5'
Prep Type: Total/NA
Prep Batch: 41267

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		24.0	27.4		mg/Kg		114	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	223		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-41267/1-A
Matrix: Solid
Analysis Batch: 41304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41267

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/13/26 12:55	01/14/26 17:00	1
Ethylbenzene	ND		0.050	mg/Kg		01/13/26 12:55	01/14/26 17:00	1
Toluene	ND		0.050	mg/Kg		01/13/26 12:55	01/14/26 17:00	1

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

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

Lab Sample ID: MB 885-41267/1-A
Matrix: Solid
Analysis Batch: 41304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41267

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		01/13/26 12:55	01/14/26 17:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150	01/13/26 12:55	01/14/26 17:00	1

Lab Sample ID: LCS 885-41267/3-A
Matrix: Solid
Analysis Batch: 41304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.984		mg/Kg		98	70 - 130
Ethylbenzene	1.00	0.980		mg/Kg		98	70 - 130
Toluene	1.00	1.01		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		15 - 150

Lab Sample ID: 885-41188-2 MS
Matrix: Solid
Analysis Batch: 41304

Client Sample ID: BS25-29 2.5'
Prep Type: Total/NA
Prep Batch: 41267

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.941	0.898		mg/Kg		95	70 - 130
Ethylbenzene	ND		0.941	0.899		mg/Kg		96	70 - 130
Toluene	ND		0.941	0.905		mg/Kg		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		15 - 150

Lab Sample ID: 885-41188-2 MSD
Matrix: Solid
Analysis Batch: 41304

Client Sample ID: BS25-29 2.5'
Prep Type: Total/NA
Prep Batch: 41267

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.949	0.906		mg/Kg		95	70 - 130	1	20
Ethylbenzene	ND		0.949	0.893		mg/Kg		94	70 - 130	1	20
Toluene	ND		0.949	0.910		mg/Kg		96	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		15 - 150

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

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

Lab Sample ID: MB 885-41271/1-A
Matrix: Solid
Analysis Batch: 41256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41271

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/13/26 13:40	01/13/26 17:20	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/13/26 13:40	01/13/26 17:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			01/13/26 13:40	01/13/26 17:20	1

Lab Sample ID: LCS 885-41271/2-A
Matrix: Solid
Analysis Batch: 41256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41271

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Diesel Range Organics [C10-C28]	50.0	44.8		mg/Kg		90	51 - 148
Surrogate	%Recovery	Qualifier	Limits				
Di-n-octyl phthalate (Surr)	113		62 - 134				

Lab Sample ID: MB 885-41697/1-A
Matrix: Solid
Analysis Batch: 41866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41697

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/21/26 10:52	01/21/26 16:47	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/21/26 10:52	01/21/26 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			01/21/26 10:52	01/21/26 16:47	1

Lab Sample ID: LCS 885-41697/2-A
Matrix: Solid
Analysis Batch: 41866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41697

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Diesel Range Organics [C10-C28]	50.0	55.2		mg/Kg		110	51 - 148
Surrogate	%Recovery	Qualifier	Limits				
Di-n-octyl phthalate (Surr)	88		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41320/1-A
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41320

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	ND		5.0	mg/Kg		01/14/26 11:31	01/14/26 14:12	1

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QC Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-41320/2-A
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	47.5		mg/Kg		95	90 - 110

Lab Sample ID: 885-41188-1 MS
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: BS25-26 2.5'
Prep Type: Total/NA
Prep Batch: 41320

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		49.7	69.3		mg/Kg		NC	50 - 150

Lab Sample ID: 885-41188-1 MSD
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: BS25-26 2.5'
Prep Type: Total/NA
Prep Batch: 41320

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.2	70.8		mg/Kg		141	50 - 150	2	20

Lab Sample ID: 885-41188-2 MSD
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: BS25-29 2.5'
Prep Type: Total/NA
Prep Batch: 41320

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	450		50.3	518	4	mg/Kg		130	50 - 150	2	20

QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

GC VOA

Prep Batch: 41267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-1	BS25-26 2.5'	Total/NA	Solid	5030C	
885-41188-2	BS25-29 2.5'	Total/NA	Solid	5030C	
885-41188-3	BS25-30 0.5'	Total/NA	Solid	5030C	
885-41188-4	WS25-17 0-2.5'	Total/NA	Solid	5030C	
885-41188-5	WS25-19 0-3'	Total/NA	Solid	5030C	
885-41188-6	BS25-31 3'	Total/NA	Solid	5030C	
885-41188-7	BS25-18 3'	Total/NA	Solid	5030C	
885-41188-8	BS25-19 4'	Total/NA	Solid	5030C	
885-41188-9	BS25-23 0.5'	Total/NA	Solid	5030C	
MB 885-41267/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41267/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41267/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-41188-1 MS	BS25-26 2.5'	Total/NA	Solid	5030C	
885-41188-1 MSD	BS25-26 2.5'	Total/NA	Solid	5030C	
885-41188-2 MS	BS25-29 2.5'	Total/NA	Solid	5030C	
885-41188-2 MSD	BS25-29 2.5'	Total/NA	Solid	5030C	

Analysis Batch: 41303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-1	BS25-26 2.5'	Total/NA	Solid	8015M/D	41267
885-41188-2	BS25-29 2.5'	Total/NA	Solid	8015M/D	41267
885-41188-3	BS25-30 0.5'	Total/NA	Solid	8015M/D	41267
885-41188-4	WS25-17 0-2.5'	Total/NA	Solid	8015M/D	41267
885-41188-5	WS25-19 0-3'	Total/NA	Solid	8015M/D	41267
885-41188-6	BS25-31 3'	Total/NA	Solid	8015M/D	41267
885-41188-7	BS25-18 3'	Total/NA	Solid	8015M/D	41267
885-41188-8	BS25-19 4'	Total/NA	Solid	8015M/D	41267
885-41188-9	BS25-23 0.5'	Total/NA	Solid	8015M/D	41267
MB 885-41267/1-A	Method Blank	Total/NA	Solid	8015M/D	41267
LCS 885-41267/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41267
885-41188-1 MS	BS25-26 2.5'	Total/NA	Solid	8015M/D	41267
885-41188-1 MSD	BS25-26 2.5'	Total/NA	Solid	8015M/D	41267

Analysis Batch: 41304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-1	BS25-26 2.5'	Total/NA	Solid	8021B	41267
885-41188-2	BS25-29 2.5'	Total/NA	Solid	8021B	41267
885-41188-3	BS25-30 0.5'	Total/NA	Solid	8021B	41267
885-41188-4	WS25-17 0-2.5'	Total/NA	Solid	8021B	41267
885-41188-5	WS25-19 0-3'	Total/NA	Solid	8021B	41267
885-41188-6	BS25-31 3'	Total/NA	Solid	8021B	41267
885-41188-7	BS25-18 3'	Total/NA	Solid	8021B	41267
885-41188-8	BS25-19 4'	Total/NA	Solid	8021B	41267
885-41188-9	BS25-23 0.5'	Total/NA	Solid	8021B	41267
MB 885-41267/1-A	Method Blank	Total/NA	Solid	8021B	41267
LCS 885-41267/3-A	Lab Control Sample	Total/NA	Solid	8021B	41267
885-41188-2 MS	BS25-29 2.5'	Total/NA	Solid	8021B	41267
885-41188-2 MSD	BS25-29 2.5'	Total/NA	Solid	8021B	41267

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

GC Semi VOA

Analysis Batch: 41256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-1	BS25-26 2.5'	Total/NA	Solid	8015M/D	41271
885-41188-2	BS25-29 2.5'	Total/NA	Solid	8015M/D	41271
885-41188-3	BS25-30 0.5'	Total/NA	Solid	8015M/D	41271
885-41188-4	WS25-17 0-2.5'	Total/NA	Solid	8015M/D	41271
885-41188-5	WS25-19 0-3'	Total/NA	Solid	8015M/D	41271
885-41188-6	BS25-31 3'	Total/NA	Solid	8015M/D	41271
885-41188-9	BS25-23 0.5'	Total/NA	Solid	8015M/D	41271
MB 885-41271/1-A	Method Blank	Total/NA	Solid	8015M/D	41271
LCS 885-41271/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41271

Prep Batch: 41271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-1	BS25-26 2.5'	Total/NA	Solid	SHAKE	
885-41188-2	BS25-29 2.5'	Total/NA	Solid	SHAKE	
885-41188-3	BS25-30 0.5'	Total/NA	Solid	SHAKE	
885-41188-4	WS25-17 0-2.5'	Total/NA	Solid	SHAKE	
885-41188-5	WS25-19 0-3'	Total/NA	Solid	SHAKE	
885-41188-6	BS25-31 3'	Total/NA	Solid	SHAKE	
885-41188-7	BS25-18 3'	Total/NA	Solid	SHAKE	
885-41188-9	BS25-23 0.5'	Total/NA	Solid	SHAKE	
MB 885-41271/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41271/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 41377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-7	BS25-18 3'	Total/NA	Solid	8015M/D	41271

Prep Batch: 41697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-8	BS25-19 4'	Total/NA	Solid	SHAKE	
MB 885-41697/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41697/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 41860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-8	BS25-19 4'	Total/NA	Solid	8015M/D	41697

Analysis Batch: 41866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-41697/1-A	Method Blank	Total/NA	Solid	8015M/D	41697
LCS 885-41697/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41697

HPLC/IC

Prep Batch: 41320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-1	BS25-26 2.5'	Total/NA	Solid	300_Prep	
885-41188-2	BS25-29 2.5'	Total/NA	Solid	300_Prep	
885-41188-3	BS25-30 0.5'	Total/NA	Solid	300_Prep	
885-41188-4	WS25-17 0-2.5'	Total/NA	Solid	300_Prep	
885-41188-5	WS25-19 0-3'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

HPLC/IC (Continued)

Prep Batch: 41320 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-6	BS25-31 3'	Total/NA	Solid	300_Prep	
885-41188-7	BS25-18 3'	Total/NA	Solid	300_Prep	
885-41188-8	BS25-19 4'	Total/NA	Solid	300_Prep	
885-41188-9	BS25-23 0.5'	Total/NA	Solid	300_Prep	
MB 885-41320/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41320/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-41188-1 MS	BS25-26 2.5'	Total/NA	Solid	300_Prep	
885-41188-1 MSD	BS25-26 2.5'	Total/NA	Solid	300_Prep	
885-41188-2 MSD	BS25-29 2.5'	Total/NA	Solid	300_Prep	

Analysis Batch: 41334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41188-1	BS25-26 2.5'	Total/NA	Solid	300.0	41320
885-41188-2	BS25-29 2.5'	Total/NA	Solid	300.0	41320
885-41188-3	BS25-30 0.5'	Total/NA	Solid	300.0	41320
885-41188-4	WS25-17 0-2.5'	Total/NA	Solid	300.0	41320
885-41188-5	WS25-19 0-3'	Total/NA	Solid	300.0	41320
885-41188-6	BS25-31 3'	Total/NA	Solid	300.0	41320
885-41188-7	BS25-18 3'	Total/NA	Solid	300.0	41320
885-41188-8	BS25-19 4'	Total/NA	Solid	300.0	41320
885-41188-9	BS25-23 0.5'	Total/NA	Solid	300.0	41320
MB 885-41320/1-A	Method Blank	Total/NA	Solid	300.0	41320
LCS 885-41320/2-A	Lab Control Sample	Total/NA	Solid	300.0	41320
885-41188-1 MS	BS25-26 2.5'	Total/NA	Solid	300.0	41320
885-41188-1 MSD	BS25-26 2.5'	Total/NA	Solid	300.0	41320
885-41188-2 MSD	BS25-29 2.5'	Total/NA	Solid	300.0	41320

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-26 2.5'

Lab Sample ID: 885-41188-1

Date Collected: 01/09/26 10:10

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 17:24
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 17:24
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 17:44
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 14:39

Client Sample ID: BS25-29 2.5'

Lab Sample ID: 885-41188-2

Date Collected: 01/09/26 10:50

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 18:36
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 18:36
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 17:55
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 15:20

Client Sample ID: BS25-30 0.5'

Lab Sample ID: 885-41188-3

Date Collected: 01/09/26 11:10

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 19:48
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 19:48
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 18:07
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 16:01

Client Sample ID: WS25-17 0-2.5'

Lab Sample ID: 885-41188-4

Date Collected: 01/09/26 10:20

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 20:11

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: WS25-17 0-2.5'

Lab Sample ID: 885-41188-4

Date Collected: 01/09/26 10:20

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 20:11
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 18:19
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 16:15

Client Sample ID: WS25-19 0-3'

Lab Sample ID: 885-41188-5

Date Collected: 01/09/26 11:30

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 20:35
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 20:35
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 18:31
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 16:55

Client Sample ID: BS25-31 3'

Lab Sample ID: 885-41188-6

Date Collected: 01/09/26 11:20

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 20:59
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 20:59
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 18:42
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 17:09

Client Sample ID: BS25-18 3'

Lab Sample ID: 885-41188-7

Date Collected: 01/09/26 10:05

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 21:23
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 21:23

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Client Sample ID: BS25-18 3'

Lab Sample ID: 885-41188-7

Date Collected: 01/09/26 10:05

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41377	EM	EET ALB	01/15/26 12:29
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 17:23

Client Sample ID: BS25-19 4'

Lab Sample ID: 885-41188-8

Date Collected: 01/09/26 10:10

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 21:47
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 21:47
Total/NA	Prep	SHAKE			41697	BV	EET ALB	01/21/26 10:52
Total/NA	Analysis	8015M/D		1	41860	EM	EET ALB	01/23/26 12:08
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 17:36

Client Sample ID: BS25-23 0.5'

Lab Sample ID: 885-41188-9

Date Collected: 01/09/26 10:15

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 22:10
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 22:10
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 19:17
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 17:49

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-41188-1

Laboratory: Eurofins Albuquerque

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

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

- 1
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- 7
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- 10
- 11

Chain-of-Custody Record

Client: Vertex

Direct Bill EOG

Mailing Address:

Phone #:

email or Fax#:

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

Accreditation: Az Compliance
 NELAC Other

EDD (Type)

Turn-Around Time:
 Standard Rush 2-Day

Project Name:
Hawk 35 Fed CTB

Project #:
24E-03931

Project Manager:
Chance Dixon

Sampler: AH

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 3.6 + 0.2 = 3.8



Environment

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8710

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

Albuquerque



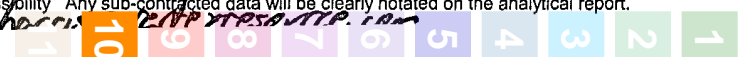
885-41188 COC

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 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
9-26	10:10	Soil	██████████	██████████	██████████	← CU										
	10:10		B525-26 2.5'													
	10:50		B525-29 2.5'													
	11:10		B525-30 0.5'													
	10:20		B525-17 0-2.5'													
	11:30		B525-19 0-3'													
	11:20		B525-31 3'													
	10:05		B525-18 3'													
	10:10		B525-19 4'													
	10:15		B525-23 0.5'													

Date: <u>10-26</u>	Time: <u>1100</u>	Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Via: <u>[Signature]</u>	Date: <u>11/3/26</u>	Time: <u>9:15</u>	Remarks: <u>Attn: Chase Settle</u> <u>CC: Perminn @ vertex resource.com</u> <u>Coxon @ vertex resource.com</u> <u>Lpollman @ vertex resource.com</u>
Date: <u>11/3/26</u>	Time: <u>1900</u>	Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Via: <u>[Signature]</u>	Date: <u>11/3/26</u>	Time: <u>7:45</u>	

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 noted on the analytical report.



Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-41188-1

Login Number: 41188

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/26/2026 4:08:00 PM

JOB DESCRIPTION

Hawk 35 Federal CTB

JOB NUMBER

885-41676-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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1/26/2026 4:08:00 PM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Laboratory Job ID: 885-41676-1



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Definitions/Glossary

Client: Vertex

Job ID: 885-41676-1

Project/Site: Hawk 35 Federal CTB

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: Hawk 35 Federal CTB

Job ID: 885-41676-1

Job ID: 885-41676-1

Eurofins Albuquerque

Job Narrative 885-41676-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 1/21/2026 7:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: BS25-11 4'

Lab Sample ID: 885-41676-1

Date Collected: 01/15/26 09:00

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/22/26 21:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			01/21/26 13:28	01/22/26 21:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/21/26 13:28	01/22/26 21:31	1
Ethylbenzene	ND		0.049	mg/Kg		01/21/26 13:28	01/22/26 21:31	1
Toluene	ND		0.049	mg/Kg		01/21/26 13:28	01/22/26 21:31	1
Xylenes, Total	ND		0.098	mg/Kg		01/21/26 13:28	01/22/26 21:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			01/21/26 13:28	01/22/26 21:31	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		01/21/26 15:25	01/22/26 08:14	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/21/26 15:25	01/22/26 08:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			01/21/26 15:25	01/22/26 08:14	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	620		50	mg/Kg		01/22/26 13:51	01/23/26 11:28	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: BS25-12 4'

Lab Sample ID: 885-41676-2

Date Collected: 01/15/26 09:05

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/22/26 21:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/21/26 13:28	01/22/26 21:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/21/26 13:28	01/22/26 21:54	1
Ethylbenzene	ND		0.050	mg/Kg		01/21/26 13:28	01/22/26 21:54	1
Toluene	ND		0.050	mg/Kg		01/21/26 13:28	01/22/26 21:54	1
Xylenes, Total	ND		0.10	mg/Kg		01/21/26 13:28	01/22/26 21:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/21/26 13:28	01/22/26 21:54	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		01/21/26 15:25	01/22/26 08:37	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/21/26 15:25	01/22/26 08:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			01/21/26 15:25	01/22/26 08:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		50	mg/Kg		01/22/26 13:51	01/23/26 11:59	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: BS25-13 4'

Lab Sample ID: 885-41676-3

Date Collected: 01/15/26 09:10

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/22/26 22:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/21/26 13:28	01/22/26 22:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/21/26 13:28	01/22/26 22:18	1
Ethylbenzene	ND		0.048	mg/Kg		01/21/26 13:28	01/22/26 22:18	1
Toluene	ND		0.048	mg/Kg		01/21/26 13:28	01/22/26 22:18	1
Xylenes, Total	ND		0.096	mg/Kg		01/21/26 13:28	01/22/26 22:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/21/26 13:28	01/22/26 22:18	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		01/21/26 15:25	01/22/26 09:01	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/21/26 15:25	01/22/26 09:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			01/21/26 15:25	01/22/26 09:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		51	mg/Kg		01/22/26 13:51	01/23/26 12:09	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: BS25-32 4'

Lab Sample ID: 885-41676-4

Date Collected: 01/15/26 09:15

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/22/26 22:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			01/21/26 13:28	01/22/26 22:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/21/26 13:28	01/22/26 22:41	1
Ethylbenzene	ND		0.048	mg/Kg		01/21/26 13:28	01/22/26 22:41	1
Toluene	ND		0.048	mg/Kg		01/21/26 13:28	01/22/26 22:41	1
Xylenes, Total	ND		0.096	mg/Kg		01/21/26 13:28	01/22/26 22:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			01/21/26 13:28	01/22/26 22:41	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		9.9	mg/Kg		01/21/26 15:25	01/22/26 09:24	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/21/26 15:25	01/22/26 09:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			01/21/26 15:25	01/22/26 09:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		49	mg/Kg		01/22/26 13:51	01/23/26 12:20	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: BS25-33 4'

Lab Sample ID: 885-41676-5

Date Collected: 01/15/26 09:20

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/22/26 23:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/21/26 13:28	01/22/26 23:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/21/26 13:28	01/22/26 23:05	1
Ethylbenzene	ND		0.046	mg/Kg		01/21/26 13:28	01/22/26 23:05	1
Toluene	ND		0.046	mg/Kg		01/21/26 13:28	01/22/26 23:05	1
Xylenes, Total	ND		0.092	mg/Kg		01/21/26 13:28	01/22/26 23:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/21/26 13:28	01/22/26 23:05	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		9.7	mg/Kg		01/21/26 15:25	01/22/26 09:47	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/21/26 15:25	01/22/26 09:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			01/21/26 15:25	01/22/26 09:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2700		50	mg/Kg		01/22/26 13:51	01/23/26 12:30	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: WS25-08 0-4'

Lab Sample ID: 885-41676-6

Date Collected: 01/15/26 09:25

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/22/26 23:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/21/26 13:28	01/22/26 23:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/21/26 13:28	01/22/26 23:28	1
Ethylbenzene	ND		0.050	mg/Kg		01/21/26 13:28	01/22/26 23:28	1
Toluene	ND		0.050	mg/Kg		01/21/26 13:28	01/22/26 23:28	1
Xylenes, Total	ND		0.10	mg/Kg		01/21/26 13:28	01/22/26 23:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/21/26 13:28	01/22/26 23:28	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		9.7	mg/Kg		01/21/26 15:25	01/22/26 10:10	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/21/26 15:25	01/22/26 10:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			01/21/26 15:25	01/22/26 10:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97		49	mg/Kg		01/22/26 13:51	01/23/26 12:40	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: WS25-09 0-4'

Lab Sample ID: 885-41676-7

Date Collected: 01/15/26 09:30

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/22/26 23:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/21/26 13:28	01/22/26 23:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/21/26 13:28	01/22/26 23:52	1
Ethylbenzene	ND		0.046	mg/Kg		01/21/26 13:28	01/22/26 23:52	1
Toluene	ND		0.046	mg/Kg		01/21/26 13:28	01/22/26 23:52	1
Xylenes, Total	ND		0.093	mg/Kg		01/21/26 13:28	01/22/26 23:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/21/26 13:28	01/22/26 23:52	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		01/21/26 15:25	01/22/26 10:34	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/21/26 15:25	01/22/26 10:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			01/21/26 15:25	01/22/26 10:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		49	mg/Kg		01/22/26 13:51	01/23/26 12:51	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: WS25-13 0-3'

Lab Sample ID: 885-41676-8

Date Collected: 01/15/26 09:35

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/23/26 00:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/21/26 13:28	01/23/26 00:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/21/26 13:28	01/23/26 00:15	1
Ethylbenzene	ND		0.048	mg/Kg		01/21/26 13:28	01/23/26 00:15	1
Toluene	ND		0.048	mg/Kg		01/21/26 13:28	01/23/26 00:15	1
Xylenes, Total	ND		0.097	mg/Kg		01/21/26 13:28	01/23/26 00:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/21/26 13:28	01/23/26 00:15	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		9.4	mg/Kg		01/21/26 15:25	01/22/26 10:57	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/21/26 15:25	01/22/26 10:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			01/21/26 15:25	01/22/26 10:57	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		01/22/26 13:51	01/23/26 13:01	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: WS25-15 1.5'-4'

Lab Sample ID: 885-41676-9

Date Collected: 01/15/26 09:40

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/23/26 01:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/21/26 13:28	01/23/26 01:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/21/26 13:28	01/23/26 01:02	1
Ethylbenzene	ND		0.050	mg/Kg		01/21/26 13:28	01/23/26 01:02	1
Toluene	ND		0.050	mg/Kg		01/21/26 13:28	01/23/26 01:02	1
Xylenes, Total	ND		0.099	mg/Kg		01/21/26 13:28	01/23/26 01:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/21/26 13:28	01/23/26 01:02	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		9.5	mg/Kg		01/21/26 15:25	01/22/26 11:20	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/21/26 15:25	01/22/26 11:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			01/21/26 15:25	01/22/26 11:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73		50	mg/Kg		01/22/26 13:51	01/23/26 13:11	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: WS25-18 0.5'-2.5

Lab Sample ID: 885-41676-10

Date Collected: 01/15/26 09:45

Matrix: Solid

Date Received: 01/21/26 07:35

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		01/21/26 13:28	01/23/26 01:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/21/26 13:28	01/23/26 01:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/21/26 13:28	01/23/26 01:26	1
Ethylbenzene	ND		0.050	mg/Kg		01/21/26 13:28	01/23/26 01:26	1
Toluene	ND		0.050	mg/Kg		01/21/26 13:28	01/23/26 01:26	1
Xylenes, Total	ND		0.099	mg/Kg		01/21/26 13:28	01/23/26 01:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		15 - 150			01/21/26 13:28	01/23/26 01:26	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		9.2	mg/Kg		01/21/26 15:25	01/22/26 12:07	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/21/26 15:25	01/22/26 12:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	78		62 - 134			01/21/26 15:25	01/22/26 12:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		51	mg/Kg		01/22/26 13:51	01/23/26 13:22	10

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

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

Lab Sample ID: MB 885-41713/1-A
Matrix: Solid
Analysis Batch: 41805

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41713

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/21/26 13:28	01/22/26 18:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			01/21/26 13:28	01/22/26 18:44	1

Lab Sample ID: LCS 885-41713/2-A
Matrix: Solid
Analysis Batch: 41805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	25.5		mg/Kg		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	214		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-41713/1-A
Matrix: Solid
Analysis Batch: 41806

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41713

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/21/26 13:28	01/22/26 18:44	1
Ethylbenzene	ND		0.050	mg/Kg		01/21/26 13:28	01/22/26 18:44	1
Toluene	ND		0.050	mg/Kg		01/21/26 13:28	01/22/26 18:44	1
Xylenes, Total	ND		0.10	mg/Kg		01/21/26 13:28	01/22/26 18:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/21/26 13:28	01/22/26 18:44	1

Lab Sample ID: LCS 885-41713/3-A
Matrix: Solid
Analysis Batch: 41806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.893		mg/Kg		89	70 - 130
Ethylbenzene	1.00	0.903		mg/Kg		90	70 - 130
Toluene	1.00	0.922		mg/Kg		92	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		15 - 150				

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QC Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

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

Lab Sample ID: MB 885-41734/1-A
 Matrix: Solid
 Analysis Batch: 41866

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41734

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/21/26 15:25	01/22/26 07:05	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/21/26 15:25	01/22/26 07:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			01/21/26 15:25	01/22/26 07:05	1

Lab Sample ID: LCS 885-41734/2-A
 Matrix: Solid
 Analysis Batch: 41866

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	55.4		mg/Kg		111	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	85		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41810/1-A
 Matrix: Solid
 Analysis Batch: 41865

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41810

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/22/26 13:51	01/23/26 09:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
Chloride	99		90 - 110					

Lab Sample ID: LCS 885-41810/2-A
 Matrix: Solid
 Analysis Batch: 41865

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41810

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	49.1		mg/Kg		99	90 - 110

QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

GC VOA

Prep Batch: 41713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-1	BS25-11 4'	Total/NA	Solid	5030C	
885-41676-2	BS25-12 4'	Total/NA	Solid	5030C	
885-41676-3	BS25-13 4'	Total/NA	Solid	5030C	
885-41676-4	BS25-32 4'	Total/NA	Solid	5030C	
885-41676-5	BS25-33 4'	Total/NA	Solid	5030C	
885-41676-6	WS25-08 0-4'	Total/NA	Solid	5030C	
885-41676-7	WS25-09 0-4'	Total/NA	Solid	5030C	
885-41676-8	WS25-13 0-3'	Total/NA	Solid	5030C	
885-41676-9	WS25-15 1.5'-4'	Total/NA	Solid	5030C	
885-41676-10	WS25-18 0.5'-2.5	Total/NA	Solid	5030C	
MB 885-41713/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41713/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41713/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 41805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-1	BS25-11 4'	Total/NA	Solid	8015M/D	41713
885-41676-2	BS25-12 4'	Total/NA	Solid	8015M/D	41713
885-41676-3	BS25-13 4'	Total/NA	Solid	8015M/D	41713
885-41676-4	BS25-32 4'	Total/NA	Solid	8015M/D	41713
885-41676-5	BS25-33 4'	Total/NA	Solid	8015M/D	41713
885-41676-6	WS25-08 0-4'	Total/NA	Solid	8015M/D	41713
885-41676-7	WS25-09 0-4'	Total/NA	Solid	8015M/D	41713
885-41676-8	WS25-13 0-3'	Total/NA	Solid	8015M/D	41713
885-41676-9	WS25-15 1.5'-4'	Total/NA	Solid	8015M/D	41713
885-41676-10	WS25-18 0.5'-2.5	Total/NA	Solid	8015M/D	41713
MB 885-41713/1-A	Method Blank	Total/NA	Solid	8015M/D	41713
LCS 885-41713/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41713

Analysis Batch: 41806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-1	BS25-11 4'	Total/NA	Solid	8021B	41713
885-41676-2	BS25-12 4'	Total/NA	Solid	8021B	41713
885-41676-3	BS25-13 4'	Total/NA	Solid	8021B	41713
885-41676-4	BS25-32 4'	Total/NA	Solid	8021B	41713
885-41676-5	BS25-33 4'	Total/NA	Solid	8021B	41713
885-41676-6	WS25-08 0-4'	Total/NA	Solid	8021B	41713
885-41676-7	WS25-09 0-4'	Total/NA	Solid	8021B	41713
885-41676-8	WS25-13 0-3'	Total/NA	Solid	8021B	41713
885-41676-9	WS25-15 1.5'-4'	Total/NA	Solid	8021B	41713
885-41676-10	WS25-18 0.5'-2.5	Total/NA	Solid	8021B	41713
MB 885-41713/1-A	Method Blank	Total/NA	Solid	8021B	41713
LCS 885-41713/3-A	Lab Control Sample	Total/NA	Solid	8021B	41713

GC Semi VOA

Prep Batch: 41734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-1	BS25-11 4'	Total/NA	Solid	SHAKE	
885-41676-2	BS25-12 4'	Total/NA	Solid	SHAKE	
885-41676-3	BS25-13 4'	Total/NA	Solid	SHAKE	

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QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

GC Semi VOA (Continued)

Prep Batch: 41734 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-4	BS25-32 4'	Total/NA	Solid	SHAKE	
885-41676-5	BS25-33 4'	Total/NA	Solid	SHAKE	
885-41676-6	WS25-08 0-4'	Total/NA	Solid	SHAKE	
885-41676-7	WS25-09 0-4'	Total/NA	Solid	SHAKE	
885-41676-8	WS25-13 0-3'	Total/NA	Solid	SHAKE	
885-41676-9	WS25-15 1.5'-4'	Total/NA	Solid	SHAKE	
885-41676-10	WS25-18 0.5'-2.5	Total/NA	Solid	SHAKE	
MB 885-41734/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41734/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 41866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-1	BS25-11 4'	Total/NA	Solid	8015M/D	41734
885-41676-2	BS25-12 4'	Total/NA	Solid	8015M/D	41734
885-41676-3	BS25-13 4'	Total/NA	Solid	8015M/D	41734
885-41676-4	BS25-32 4'	Total/NA	Solid	8015M/D	41734
885-41676-5	BS25-33 4'	Total/NA	Solid	8015M/D	41734
885-41676-6	WS25-08 0-4'	Total/NA	Solid	8015M/D	41734
885-41676-7	WS25-09 0-4'	Total/NA	Solid	8015M/D	41734
885-41676-8	WS25-13 0-3'	Total/NA	Solid	8015M/D	41734
885-41676-9	WS25-15 1.5'-4'	Total/NA	Solid	8015M/D	41734
885-41676-10	WS25-18 0.5'-2.5	Total/NA	Solid	8015M/D	41734
MB 885-41734/1-A	Method Blank	Total/NA	Solid	8015M/D	41734
LCS 885-41734/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41734

HPLC/IC

Prep Batch: 41810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-1	BS25-11 4'	Total/NA	Solid	300_Prep	
885-41676-2	BS25-12 4'	Total/NA	Solid	300_Prep	
885-41676-3	BS25-13 4'	Total/NA	Solid	300_Prep	
885-41676-4	BS25-32 4'	Total/NA	Solid	300_Prep	
885-41676-5	BS25-33 4'	Total/NA	Solid	300_Prep	
885-41676-6	WS25-08 0-4'	Total/NA	Solid	300_Prep	
885-41676-7	WS25-09 0-4'	Total/NA	Solid	300_Prep	
885-41676-8	WS25-13 0-3'	Total/NA	Solid	300_Prep	
885-41676-9	WS25-15 1.5'-4'	Total/NA	Solid	300_Prep	
885-41676-10	WS25-18 0.5'-2.5	Total/NA	Solid	300_Prep	
MB 885-41810/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41810/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 41865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-1	BS25-11 4'	Total/NA	Solid	300.0	41810
885-41676-2	BS25-12 4'	Total/NA	Solid	300.0	41810
885-41676-3	BS25-13 4'	Total/NA	Solid	300.0	41810
885-41676-4	BS25-32 4'	Total/NA	Solid	300.0	41810
885-41676-5	BS25-33 4'	Total/NA	Solid	300.0	41810
885-41676-6	WS25-08 0-4'	Total/NA	Solid	300.0	41810
885-41676-7	WS25-09 0-4'	Total/NA	Solid	300.0	41810

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QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

HPLC/IC (Continued)

Analysis Batch: 41865 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41676-8	WS25-13 0-3'	Total/NA	Solid	300.0	41810
885-41676-9	WS25-15 1.5'-4'	Total/NA	Solid	300.0	41810
885-41676-10	WS25-18 0.5'-2.5	Total/NA	Solid	300.0	41810
MB 885-41810/1-A	Method Blank	Total/NA	Solid	300.0	41810
LCS 885-41810/2-A	Lab Control Sample	Total/NA	Solid	300.0	41810

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

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: BS25-11 4'

Lab Sample ID: 885-41676-1

Date Collected: 01/15/26 09:00

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/22/26 21:31
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/22/26 21:31
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 08:14
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 11:28

Client Sample ID: BS25-12 4'

Lab Sample ID: 885-41676-2

Date Collected: 01/15/26 09:05

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/22/26 21:54
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/22/26 21:54
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 08:37
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 11:59

Client Sample ID: BS25-13 4'

Lab Sample ID: 885-41676-3

Date Collected: 01/15/26 09:10

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/22/26 22:18
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/22/26 22:18
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 09:01
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 12:09

Client Sample ID: BS25-32 4'

Lab Sample ID: 885-41676-4

Date Collected: 01/15/26 09:15

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/22/26 22:41

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Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: BS25-32 4'

Lab Sample ID: 885-41676-4

Date Collected: 01/15/26 09:15

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/22/26 22:41
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 09:24
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 12:20

Client Sample ID: BS25-33 4'

Lab Sample ID: 885-41676-5

Date Collected: 01/15/26 09:20

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/22/26 23:05
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/22/26 23:05
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 09:47
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 12:30

Client Sample ID: WS25-08 0-4'

Lab Sample ID: 885-41676-6

Date Collected: 01/15/26 09:25

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/22/26 23:28
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/22/26 23:28
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 10:10
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 12:40

Client Sample ID: WS25-09 0-4'

Lab Sample ID: 885-41676-7

Date Collected: 01/15/26 09:30

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/22/26 23:52
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/22/26 23:52

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Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: WS25-09 0-4'

Lab Sample ID: 885-41676-7

Date Collected: 01/15/26 09:30

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 10:34
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 12:51

Client Sample ID: WS25-13 0-3'

Lab Sample ID: 885-41676-8

Date Collected: 01/15/26 09:35

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/23/26 00:15
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/23/26 00:15
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 10:57
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 13:01

Client Sample ID: WS25-15 1.5'-4'

Lab Sample ID: 885-41676-9

Date Collected: 01/15/26 09:40

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/23/26 01:02
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/23/26 01:02
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 11:20
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 13:11

Client Sample ID: WS25-18 0.5'-2.5

Lab Sample ID: 885-41676-10

Date Collected: 01/15/26 09:45

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8015M/D		1	41805	VP	EET ALB	01/23/26 01:26
Total/NA	Prep	5030C			41713	VP	EET ALB	01/21/26 13:28
Total/NA	Analysis	8021B		1	41806	VP	EET ALB	01/23/26 01:26
Total/NA	Prep	SHAKE			41734	DR	EET ALB	01/21/26 15:25
Total/NA	Analysis	8015M/D		1	41866	DH	EET ALB	01/22/26 12:07

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Client Sample ID: WS25-18 0.5'-2.5

Lab Sample ID: 885-41676-10

Date Collected: 01/15/26 09:45

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			41810	EH	EET ALB	01/22/26 13:51
Total/NA	Analysis	300.0		10	41865	EH	EET ALB	01/23/26 13:22

Laboratory References:

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



Accreditation/Certification Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-41676-1

Laboratory: Eurofins Albuquerque

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

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

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

Chain-of-Custody Record

Client: **Vertex (bill to EOG Resources Inc)**

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:
 Standard Rush 2 Day

Project Name:
Hawk 35 Federal CTB

Project #:
24E-03931

Project Manager:
Chance Dixon
cdixon@vertexresource.com

Sampler: **J. Rewis**

On Ice: Yes No

of Coolers: **1**

Cooler Temp (including CF): **1.8 + 0.2 = 2.0° Jan**



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109 885-41676 COC
Tel. 505-345-3975 Fax 505-345-4107



Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analytical Parameters															
							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)						
1.15.26	9:00	Soil	BS25-11 4'	4oz Jar	ICE		x	x														
1.15.26	9:05	Soil	BS25-12 4'	4oz Jar	ICE		x	x														
1.15.26	9:10	Soil	BS25-13 4'	4oz Jar	ICE		x	x														
1.15.26	9:15	Soil	BS25-32 4'	4oz Jar	ICE		x	x														
1.15.26	9:20	Soil	BS25-33 4'	4oz Jar	ICE		x	x														
1.15.26	9:25	Soil	WS25-08 0'-4'	4oz Jar	ICE		x	x														
1.15.26	9:30	Soil	WS25-09 0'-4'	4oz Jar	ICE		x	x														
1.15.26	9:35	Soil	WS25-13 0'-3'	4oz Jar	ICE		x	x														
1.15.26	9:40	Soil	WS25-15 1.5'-4'	4oz Jar	ICE		x	x														
1.15.26	9:45	Soil	WS25-18 0.5'-2.5'	4oz Jar	ICE		x	x														

Date: 1.20.26	Time: 9:00	Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Via: <i>[Signature]</i>	Date: 1/20/26	Time: 9:00
Date: 1/20/26	Time: 19:00	Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Via: <i>[Signature]</i>	Date: 1/21/26	Time: 7:35

Remarks: Direct Bill to EOG Resources
ATTN: Chase Settle (EOG)
CC: cdixon@vertexresource.com, permian@vertexresource.com, jrewis@vertexresource.com, aharris@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: 885-41676-1

Login Number: 41676

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
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	





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 27, 2026

CHANCE DIXON
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: HAWK 35 FED CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/23/26 13:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 27 1.5' (H260475-01)

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	01/26/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/26/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/26/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 28 1.5' (H260475-02)

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	01/26/2026	ND	1.98	99.1	2.00	1.33		
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81		
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422		
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55		
Total BTEX	<0.300	0.300	01/26/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/26/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 105 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 31 4' (H260475-03)

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	01/26/2026	ND	1.98	99.1	2.00	1.33		
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81		
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422		
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55		
Total BTEX	<0.300	0.300	01/26/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/26/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 107 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 34 0.5' (H260475-04)

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	01/26/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/26/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 108 % 52.4-130

Surrogate: 1-Chlorooctadecane 110 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 35 0.5' (H260475-05)

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	01/26/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/26/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 110 % 52.4-130

Surrogate: 1-Chlorooctadecane 113 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 21 1.5'-4' (H260475-06)

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	01/26/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/26/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 109 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 22 2'-4' (H260475-07)

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	01/27/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/27/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/27/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/27/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/27/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 23 0'-0.5' (H260475-08)

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	01/27/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/27/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/27/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/27/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/27/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 91.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.6 % 39.9-141

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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 24 0'-0.5' (H260475-09)

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	01/27/2026	ND	1.98	99.1	2.00	1.33		
Toluene*	<0.050	0.050	01/27/2026	ND	2.05	103	2.00	1.81		
Ethylbenzene*	<0.050	0.050	01/27/2026	ND	2.09	105	2.00	0.422		
Total Xylenes*	<0.150	0.150	01/27/2026	ND	6.25	104	6.00	1.55		
Total BTEX	<0.300	0.300	01/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/26/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 95.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 25 0'-0.5' (H260475-10)

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	01/27/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/27/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/27/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/27/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/27/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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January 30, 2026

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: HAWK 35 FED CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/30/26 13:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 30-Jan-26 16:04
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS 25 - 18 4'	H260537-01	Soil	23-Jan-26 11:20	30-Jan-26 13:25
BS 25 - 16 1.5'	H260537-02	Soil	23-Jan-26 11:24	30-Jan-26 13:25

CASE NARRATIVE:

Sample containers do not have lot numbers for traceability.

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 30-Jan-26 16:04
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BS 25 - 18 4'
H260537-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6013019	AC	30-Jan-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6013004	JH	30-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6013004	JH	30-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6013004	JH	30-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6013004	JH	30-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6013004	JH	30-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.8 %		70.4-141	6013004	JH	30-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6013012	JF	30-Jan-26	8015B	
DRO >C10-C28*	11.9		10.0	mg/kg	1	6013012	JF	30-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6013012	JF	30-Jan-26	8015B	

Surrogate: 1-Chlorooctane			99.4 %		52.4-130	6013012	JF	30-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			97.3 %		39.9-141	6013012	JF	30-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 30-Jan-26 16:04
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**BS 25 - 16 1.5'
H260537-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6013019	AC	30-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6013004	JH	30-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6013004	JH	30-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6013004	JH	30-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6013004	JH	30-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6013004	JH	30-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.0 %	70.4-141		6013004	JH	30-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6013012	JF	30-Jan-26	8015B	
DRO >C10-C28*	13.3		10.0	mg/kg	1	6013012	JF	30-Jan-26	8015B	
EXT DRO >C28-C36	12.4		10.0	mg/kg	1	6013012	JF	30-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.9 %	52.4-130		6013012	JF	30-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			100 %	39.9-141		6013012	JF	30-Jan-26	8015B	
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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 30-Jan-26 16:04
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6013019 - 1:4 DI Water										
Blank (6013019-BLK1)										
Prepared & Analyzed: 30-Jan-26										
Chloride	ND	16.0	mg/kg							
LCS (6013019-BS1)										
Prepared & Analyzed: 30-Jan-26										
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (6013019-BSD1)										
Prepared & Analyzed: 30-Jan-26										
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD NM, 88220

Project: HAWK 35 FED CTB
Project Number: 24E-03931
Project Manager: CHANCE DIXON
Fax To: NA

Reported:
30-Jan-26 16:04

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6013004 - Volatiles**Blank (6013004-BLK1)**

Prepared & Analyzed: 30-Jan-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		96.2	70.4-141			

LCS (6013004-BS1)

Prepared & Analyzed: 30-Jan-26

Benzene	1.95	0.050	mg/kg	2.00		97.5	71-111			
Toluene	1.84	0.050	mg/kg	2.00		91.8	75-116			
Ethylbenzene	1.81	0.050	mg/kg	2.00		90.4	74.2-119			
m,p-Xylene	3.60	0.100	mg/kg	4.00		89.9	72.5-123			
o-Xylene	1.79	0.050	mg/kg	2.00		89.6	70.5-124			
Total Xylenes	5.39	0.150	mg/kg	6.00		89.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0474		mg/kg	0.0500		94.8	70.4-141			

LCS Dup (6013004-BSD1)

Prepared & Analyzed: 30-Jan-26

Benzene	1.98	0.050	mg/kg	2.00		99.0	71-111	1.52	17.6	
Toluene	1.86	0.050	mg/kg	2.00		92.9	75-116	1.23	14.8	
Ethylbenzene	1.81	0.050	mg/kg	2.00		90.7	74.2-119	0.296	14.2	
m,p-Xylene	3.61	0.100	mg/kg	4.00		90.2	72.5-123	0.278	13.6	
o-Xylene	1.79	0.050	mg/kg	2.00		89.7	70.5-124	0.130	13.7	
Total Xylenes	5.40	0.150	mg/kg	6.00		90.0	72.2-123	0.229	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0470		mg/kg	0.0500		94.1	70.4-141			

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 30-Jan-26 16:04
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6013012 - General Prep - Organics

Blank (6013012-BLK1)			Prepared & Analyzed: 30-Jan-26							
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	49.9		mg/kg	50.0		99.8	52.4-130			
<i>Surrogate: 1-Chlorooctadecane</i>	51.0		mg/kg	50.0		102	39.9-141			

LCS (6013012-BS1)			Prepared & Analyzed: 30-Jan-26							
GRO C6-C10	217	10.0	mg/kg	200		108	78.7-123			
DRO >C10-C28	193	10.0	mg/kg	200		96.7	74.8-123			
Total TPH C6-C28	410	10.0	mg/kg	400		102	78.6-121			
<i>Surrogate: 1-Chlorooctane</i>	59.0		mg/kg	50.0		118	52.4-130			
<i>Surrogate: 1-Chlorooctadecane</i>	60.6		mg/kg	50.0		121	39.9-141			

LCS Dup (6013012-BSD1)			Prepared & Analyzed: 30-Jan-26							
GRO C6-C10	209	10.0	mg/kg	200		105	78.7-123	3.46	11.3	
DRO >C10-C28	188	10.0	mg/kg	200		94.0	74.8-123	2.84	10.9	
Total TPH C6-C28	397	10.0	mg/kg	400		99.3	78.6-121	3.17	10.5	
<i>Surrogate: 1-Chlorooctane</i>	55.8		mg/kg	50.0		112	52.4-130			
<i>Surrogate: 1-Chlorooctadecane</i>	57.4		mg/kg	50.0		115	39.9-141			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- 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

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>EOG/VTB</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>Chance Dixon</u>		P.O. #:													
Address: <u>017 F176</u>		Company: <u>EOG</u>													
City: _____ State: _____ Zip: _____	Attn: <u>CHASE SETH</u>														
Phone #: _____ Fax #: _____	Address: _____														
Project #: _____ Project Owner: _____	City: _____														
Project Name: <u>HGWK 35 Fed CTB</u>	State: _____ Zip: _____														
Project Location: <u>JOB, NM</u>	Phone #: _____														
Sampler Name: <u>JR</u>	Fax #: _____														

FOR LAB USE ONLY		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		C1	TPH 8015D	BTEX 8021
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:			
<u>H260537</u>									<input checked="" type="checkbox"/>						
<u>1</u>	<u>8525-18 4'</u>	<u>C</u>	<u>1</u>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<u>1/23</u>	<u>11:20</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>2</u>	<u>8525-16 1.5'</u>	<u>C</u>	<u>1</u>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<u>1/23</u>	<u>11:24</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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NO Labels

Relinquished By: <u>[Signature]</u>	Date: <u>1/28</u>	Received By: _____	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____
Relinquished By: _____	Date: <u>1-30-26</u>	Received By: <u>[Signature]</u>	REMARKS: _____
Delivered By: (Circle One) _____	Observed Temp. °C <u>1.7</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
Sampler - UPS - Bus - Other: _____	Corrected Temp. °C <u>1.8</u>	CHECKED BY: <u>[Signature]</u> (Initials)	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
FORM-006 R 3-5 08/03/24		Thermometer ID #140 Correction Factor <u>-0.6°C</u>	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/9/2026 12:23:08 PM

JOB DESCRIPTION

Hawk 35 Federal CTB

JOB NUMBER

885-42612-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Laboratory Job ID: 885-42612-1



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Definitions/Glossary

Client: Vertex

Job ID: 885-42612-1

Project/Site: Hawk 35 Federal CTB

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: Hawk 35 Federal CTB

Job ID: 885-42612-1

Job ID: 885-42612-1

Eurofins Albuquerque

Job Narrative 885-42612-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/4/2026 7:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

Client Sample ID: BS25-20 2'

Lab Sample ID: 885-42612-1

Date Collected: 01/31/26 11:00

Matrix: Solid

Date Received: 02/04/26 07:35

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		02/04/26 11:49	02/06/26 09:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		15 - 150			02/04/26 11:49	02/06/26 09:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/04/26 11:49	02/06/26 01:17	1
Ethylbenzene	ND		0.048	mg/Kg		02/04/26 11:49	02/06/26 01:17	1
Toluene	ND		0.048	mg/Kg		02/04/26 11:49	02/06/26 01:17	1
Xylenes, Total	ND		0.096	mg/Kg		02/04/26 11:49	02/06/26 01:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		15 - 150			02/04/26 11:49	02/06/26 01:17	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		9.7	mg/Kg		02/04/26 14:36	02/04/26 23:52	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/04/26 14:36	02/04/26 23:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			02/04/26 14:36	02/04/26 23:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	540		50	mg/Kg		02/05/26 08:29	02/05/26 19:10	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

Client Sample ID: BS25-21 2'

Lab Sample ID: 885-42612-2

Date Collected: 01/31/26 11:10

Matrix: Solid

Date Received: 02/04/26 07:35

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		02/04/26 11:49	02/06/26 10:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			02/04/26 11:49	02/06/26 10:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/04/26 11:49	02/06/26 02:27	1
Ethylbenzene	ND		0.047	mg/Kg		02/04/26 11:49	02/06/26 02:27	1
Toluene	ND		0.047	mg/Kg		02/04/26 11:49	02/06/26 02:27	1
Xylenes, Total	ND		0.094	mg/Kg		02/04/26 11:49	02/06/26 02:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		15 - 150			02/04/26 11:49	02/06/26 02:27	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]	ND		9.4	mg/Kg		02/04/26 14:36	02/05/26 00:04	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/04/26 14:36	02/05/26 00:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			02/04/26 14:36	02/05/26 00:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		49	mg/Kg		02/05/26 08:29	02/05/26 19:20	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

Client Sample ID: WS25-20 0-4'

Lab Sample ID: 885-42612-3

Date Collected: 01/31/26 11:55

Matrix: Solid

Date Received: 02/04/26 07:35

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		02/04/26 11:49	02/06/26 10:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			02/04/26 11:49	02/06/26 10:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/04/26 11:49	02/06/26 03:38	1
Ethylbenzene	ND		0.047	mg/Kg		02/04/26 11:49	02/06/26 03:38	1
Toluene	ND		0.047	mg/Kg		02/04/26 11:49	02/06/26 03:38	1
Xylenes, Total	ND		0.095	mg/Kg		02/04/26 11:49	02/06/26 03:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		15 - 150			02/04/26 11:49	02/06/26 03:38	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		9.8	mg/Kg		02/04/26 14:36	02/05/26 00:15	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/04/26 14:36	02/05/26 00:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			02/04/26 14:36	02/05/26 00:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		51	mg/Kg		02/05/26 08:29	02/05/26 19:30	10

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

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

Lab Sample ID: MB 885-42526/1-A
Matrix: Solid
Analysis Batch: 42637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42526

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		02/04/26 11:49	02/06/26 08:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		15 - 150			02/04/26 11:49	02/06/26 08:37	1

Lab Sample ID: LCS 885-42526/2-A
Matrix: Solid
Analysis Batch: 42637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42526

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	24.8		mg/Kg		99	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	188		15 - 150				

Lab Sample ID: 885-42612-1 MS
Matrix: Solid
Analysis Batch: 42637

Client Sample ID: BS25-20 2'
Prep Type: Total/NA
Prep Batch: 42526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		24.0	24.6		mg/Kg		103	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	186		15 - 150						

Lab Sample ID: 885-42612-1 MSD
Matrix: Solid
Analysis Batch: 42637

Client Sample ID: BS25-20 2'
Prep Type: Total/NA
Prep Batch: 42526

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	24.5		mg/Kg		101	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	183		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-42526/1-A
Matrix: Solid
Analysis Batch: 42635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42526

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/04/26 11:49	02/06/26 00:53	1
Ethylbenzene	ND		0.050	mg/Kg		02/04/26 11:49	02/06/26 00:53	1
Toluene	ND		0.050	mg/Kg		02/04/26 11:49	02/06/26 00:53	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

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

Lab Sample ID: MB 885-42526/1-A
Matrix: Solid
Analysis Batch: 42635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42526

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier							
Xylenes, Total	ND		0.10	mg/Kg		02/04/26 11:49	02/06/26 00:53	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	82		15 - 150			02/04/26 11:49	02/06/26 00:53	1	

Lab Sample ID: LCS 885-42526/3-A
Matrix: Solid
Analysis Batch: 42635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42526

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Benzene	1.00	0.939		mg/Kg		94		70 - 130
Ethylbenzene	1.00	0.954		mg/Kg		95		70 - 130
Toluene	1.00	0.961		mg/Kg		96		70 - 130
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	83		15 - 150					

Lab Sample ID: 885-42612-2 MS
Matrix: Solid
Analysis Batch: 42635

Client Sample ID: BS25-21 2'
Prep Type: Total/NA
Prep Batch: 42526

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier		Result	Qualifier					
Benzene	ND		0.935	0.957		mg/Kg		102		70 - 130
Ethylbenzene	ND		0.935	0.977		mg/Kg		105		70 - 130
Toluene	ND		0.935	0.991		mg/Kg		106		70 - 130
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	84		15 - 150							

Lab Sample ID: 885-42612-2 MSD
Matrix: Solid
Analysis Batch: 42635

Client Sample ID: BS25-21 2'
Prep Type: Total/NA
Prep Batch: 42526

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
	Result	Qualifier		Result	Qualifier						RPD	Limit
Benzene	ND		0.936	0.898		mg/Kg		96		70 - 130	6	20
Ethylbenzene	ND		0.936	0.889		mg/Kg		95		70 - 130	9	20
Toluene	ND		0.936	0.927		mg/Kg		99		70 - 130	7	20
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	82		15 - 150									

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

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

Lab Sample ID: MB 885-42550/1-A
 Matrix: Solid
 Analysis Batch: 42501

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 42550

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		02/04/26 14:36	02/04/26 18:51	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/04/26 14:36	02/04/26 18:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			02/04/26 14:36	02/04/26 18:51	1

Lab Sample ID: LCS 885-42550/2-A
 Matrix: Solid
 Analysis Batch: 42501

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 42550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	47.1		mg/Kg		94	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	81		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-42568/1-A
 Matrix: Solid
 Analysis Batch: 42610

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 42568

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		02/05/26 08:29	02/05/26 16:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
Chloride	99		90 - 110					

Lab Sample ID: LCS 885-42568/2-A
 Matrix: Solid
 Analysis Batch: 42610

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 42568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.5	49.0		mg/Kg		99	90 - 110

QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

GC VOA

Prep Batch: 42526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42612-1	BS25-20 2'	Total/NA	Solid	5030C	
885-42612-2	BS25-21 2'	Total/NA	Solid	5030C	
885-42612-3	WS25-20 0-4'	Total/NA	Solid	5030C	
MB 885-42526/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-42526/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-42526/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-42612-1 MS	BS25-20 2'	Total/NA	Solid	5030C	
885-42612-1 MSD	BS25-20 2'	Total/NA	Solid	5030C	
885-42612-2 MS	BS25-21 2'	Total/NA	Solid	5030C	
885-42612-2 MSD	BS25-21 2'	Total/NA	Solid	5030C	

Analysis Batch: 42635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42612-1	BS25-20 2'	Total/NA	Solid	8021B	42526
885-42612-2	BS25-21 2'	Total/NA	Solid	8021B	42526
885-42612-3	WS25-20 0-4'	Total/NA	Solid	8021B	42526
MB 885-42526/1-A	Method Blank	Total/NA	Solid	8021B	42526
LCS 885-42526/3-A	Lab Control Sample	Total/NA	Solid	8021B	42526
885-42612-2 MS	BS25-21 2'	Total/NA	Solid	8021B	42526
885-42612-2 MSD	BS25-21 2'	Total/NA	Solid	8021B	42526

Analysis Batch: 42637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42612-1	BS25-20 2'	Total/NA	Solid	8015M/D	42526
885-42612-2	BS25-21 2'	Total/NA	Solid	8015M/D	42526
885-42612-3	WS25-20 0-4'	Total/NA	Solid	8015M/D	42526
MB 885-42526/1-A	Method Blank	Total/NA	Solid	8015M/D	42526
LCS 885-42526/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42526
885-42612-1 MS	BS25-20 2'	Total/NA	Solid	8015M/D	42526
885-42612-1 MSD	BS25-20 2'	Total/NA	Solid	8015M/D	42526

GC Semi VOA

Analysis Batch: 42501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42612-1	BS25-20 2'	Total/NA	Solid	8015M/D	42550
885-42612-2	BS25-21 2'	Total/NA	Solid	8015M/D	42550
885-42612-3	WS25-20 0-4'	Total/NA	Solid	8015M/D	42550
MB 885-42550/1-A	Method Blank	Total/NA	Solid	8015M/D	42550
LCS 885-42550/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42550

Prep Batch: 42550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42612-1	BS25-20 2'	Total/NA	Solid	SHAKE	
885-42612-2	BS25-21 2'	Total/NA	Solid	SHAKE	
885-42612-3	WS25-20 0-4'	Total/NA	Solid	SHAKE	
MB 885-42550/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-42550/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

HPLC/IC

Prep Batch: 42568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42612-1	BS25-20 2'	Total/NA	Solid	300_Prep	
885-42612-2	BS25-21 2'	Total/NA	Solid	300_Prep	
885-42612-3	WS25-20 0-4'	Total/NA	Solid	300_Prep	
MB 885-42568/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-42568/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 42610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42612-1	BS25-20 2'	Total/NA	Solid	300.0	42568
885-42612-2	BS25-21 2'	Total/NA	Solid	300.0	42568
885-42612-3	WS25-20 0-4'	Total/NA	Solid	300.0	42568
MB 885-42568/1-A	Method Blank	Total/NA	Solid	300.0	42568
LCS 885-42568/2-A	Lab Control Sample	Total/NA	Solid	300.0	42568



Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

Client Sample ID: BS25-20 2'

Lab Sample ID: 885-42612-1

Date Collected: 01/31/26 11:00

Matrix: Solid

Date Received: 02/04/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42526	JP	EET ALB	02/04/26 11:49
Total/NA	Analysis	8015M/D		1	42637	VP	EET ALB	02/06/26 09:01
Total/NA	Prep	5030C			42526	JP	EET ALB	02/04/26 11:49
Total/NA	Analysis	8021B		1	42635	VP	EET ALB	02/06/26 01:17
Total/NA	Prep	SHAKE			42550	BV	EET ALB	02/04/26 14:36
Total/NA	Analysis	8015M/D		1	42501	BV	EET ALB	02/04/26 23:52
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 19:10

Client Sample ID: BS25-21 2'

Lab Sample ID: 885-42612-2

Date Collected: 01/31/26 11:10

Matrix: Solid

Date Received: 02/04/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42526	JP	EET ALB	02/04/26 11:49
Total/NA	Analysis	8015M/D		1	42637	VP	EET ALB	02/06/26 10:11
Total/NA	Prep	5030C			42526	JP	EET ALB	02/04/26 11:49
Total/NA	Analysis	8021B		1	42635	VP	EET ALB	02/06/26 02:27
Total/NA	Prep	SHAKE			42550	BV	EET ALB	02/04/26 14:36
Total/NA	Analysis	8015M/D		1	42501	BV	EET ALB	02/05/26 00:04
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 19:20

Client Sample ID: WS25-20 0-4'

Lab Sample ID: 885-42612-3

Date Collected: 01/31/26 11:55

Matrix: Solid

Date Received: 02/04/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42526	JP	EET ALB	02/04/26 11:49
Total/NA	Analysis	8015M/D		1	42637	VP	EET ALB	02/06/26 10:35
Total/NA	Prep	5030C			42526	JP	EET ALB	02/04/26 11:49
Total/NA	Analysis	8021B		1	42635	VP	EET ALB	02/06/26 03:38
Total/NA	Prep	SHAKE			42550	BV	EET ALB	02/04/26 14:36
Total/NA	Analysis	8015M/D		1	42501	BV	EET ALB	02/05/26 00:15
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 19:30

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-42612-1

Laboratory: Eurofins Albuquerque

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

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

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

Chain-of-Custody Record

Client: **Vertex Resource Services**

(Direct Bill to EOG Resources Inc)

Mailing Address: 3101 Boyd Drive
Carlsbad, New Mexico 88220

Phone #: 575.725.5001

email or Fax#:

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

Turn-Around Time:
 Standard X 2-day rush

Project Name:
Hawk 35 Federal CTB

Project #:
24E-03931

Project Manager:
Chance Dixon
cdixon@vertexresource.com



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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



885-42612 COC

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Sampler: ^{01.31.2026 AL} ~~J. Rowie~~ **A. Ludvik**

On Ice: Yes No *Joe*

of Coolers: **1**

Cooler Temp (including CF): **3.9 + 0.2 = 4.1**

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)																													
01.31.26	11:00	Soil	BS25-20 2'	1-4oz jar	ice		X	X					X																																
01.31.26	11:10	Soil	BS25-21 2'	1-4oz jar	ice		X	X					X																																
01.31.26	11:55	Soil	WS25-20 0-4'	1-4oz jar	ice		X	X					X																																

Date: **2/3/26** Time: **1000** Relinquished by: *[Signature]*

Date: **2/3/26** Time: **1900** Relinquished by: *[Signature]*

Received by: *[Signature]* Via: *[Signature]* Date: **2/3/26** Time: **1000**

Received by: *[Signature]* Via: *[Signature]* Date: **2/4/26** Time: **7:35**

Direct Bill to EOG Resources Inc. ATTN Chase Settle
CC.permian@vertexresource.com, cdixon@vertexresource.com,
ALudvik@vertexresource.com for Final Report.

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: 885-42612-1

Login Number: 42612

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
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	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 17, 2026

CHANCE DIXON
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: HAWK 35 FED CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/13/26 11:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Feb-26 14:11
--	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WS25 - 35 0-2.5'	H260873-01	Soil	06-Feb-26 11:00	13-Feb-26 11:17
WS25 - 36 0-2'	H260873-02	Soil	06-Feb-26 11:05	13-Feb-26 11:17

02/17/26 - Client changed the sample ID of -01 (see COC). This is the revised report and will replace the one sent on 02/13/26.

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Feb-26 14:11
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**WS25 - 35 0-2.5'
H260873-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6021316	AC	13-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	70.4-141		6021233	JH	13-Feb-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6021308	JF	13-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6021308	JF	13-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6021308	JF	13-Feb-26	8015B	
Surrogate: 1-Chlorooctane			86.9 %	52.4-130		6021308	JF	13-Feb-26	8015B	
Surrogate: 1-Chlorooctadecane			79.5 %	39.9-141		6021308	JF	13-Feb-26	8015B	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Feb-26 14:11
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**WS25 - 36 0-2'
H260873-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6021316	AC	13-Feb-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6021233	JH	13-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6021233	JH	13-Feb-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.2 %	70.4-141		6021233	JH	13-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6021308	JF	13-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6021308	JF	13-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6021308	JF	13-Feb-26	8015B	

Surrogate: 1-Chlorooctane			86.1 %	52.4-130		6021308	JF	13-Feb-26	8015B	
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Surrogate: 1-Chlorooctadecane			78.2 %	39.9-141		6021308	JF	13-Feb-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Feb-26 14:11
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6021316 - 1:4 DI Water										
Blank (6021316-BLK1)										
Prepared & Analyzed: 13-Feb-26										
Chloride	ND	16.0	mg/kg							
LCS (6021316-BS1)										
Prepared & Analyzed: 13-Feb-26										
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (6021316-BSD1)										
Prepared & Analyzed: 13-Feb-26										
Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Feb-26 14:11
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6021233 - Volatiles

Blank (6021233-BLK1)

Prepared: 12-Feb-26 Analyzed: 13-Feb-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0993		mg/kg	0.100		99.3	70.4-141			

LCS (6021233-BS1)

Prepared: 12-Feb-26 Analyzed: 13-Feb-26

Benzene	2.19	0.050	mg/kg	2.00		110	71-111			
Toluene	2.24	0.050	mg/kg	2.00		112	75-116			
Ethylbenzene	2.45	0.050	mg/kg	2.00		123	74.2-119			BS-3
m,p-Xylene	4.80	0.100	mg/kg	4.00		120	72.5-123			
o-Xylene	2.56	0.050	mg/kg	2.00		128	70.5-124			BS-3
Total Xylenes	7.36	0.150	mg/kg	6.00		123	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.118		mg/kg	0.100		118	70.4-141			

LCS Dup (6021233-BSD1)

Prepared: 12-Feb-26 Analyzed: 13-Feb-26

Benzene	2.13	0.050	mg/kg	2.00		106	71-111	3.07	17.6	
Toluene	2.10	0.050	mg/kg	2.00		105	75-116	6.08	14.8	
Ethylbenzene	2.19	0.050	mg/kg	2.00		110	74.2-119	11.1	14.2	
m,p-Xylene	4.25	0.100	mg/kg	4.00		106	72.5-123	12.1	13.6	
o-Xylene	2.22	0.050	mg/kg	2.00		111	70.5-124	14.0	13.7	QR-04
Total Xylenes	6.48	0.150	mg/kg	6.00		108	72.2-123	12.8	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.104		mg/kg	0.100		104	70.4-141			

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Caley D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Feb-26 14:11
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6021308 - General Prep - Organics

Blank (6021308-BLK1)		Prepared & Analyzed: 13-Feb-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.2		mg/kg	50.0		86.5	52.4-130			
Surrogate: 1-Chlorooctadecane	40.1		mg/kg	50.0		80.2	39.9-141			

LCS (6021308-BS1)		Prepared & Analyzed: 13-Feb-26								
GRO C6-C10	197	10.0	mg/kg	200		98.6	78.7-123			
DRO >C10-C28	197	10.0	mg/kg	200		98.3	74.8-123			
Total TPH C6-C28	394	10.0	mg/kg	400		98.5	78.6-121			
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	52.4-130			
Surrogate: 1-Chlorooctadecane	45.6		mg/kg	50.0		91.2	39.9-141			

LCS Dup (6021308-BSD1)		Prepared & Analyzed: 13-Feb-26								
GRO C6-C10	200	10.0	mg/kg	200		100	78.7-123	1.41	11.3	
DRO >C10-C28	194	10.0	mg/kg	200		97.2	74.8-123	1.12	10.9	
Total TPH C6-C28	394	10.0	mg/kg	400		98.6	78.6-121	0.155	10.5	
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.5	52.4-130			
Surrogate: 1-Chlorooctadecane	45.4		mg/kg	50.0		90.8	39.9-141			

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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

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Celest D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: VERTIX/EOG
Project Manager: Chance Dixon
Address: On Fire
City: State: Zip:
Phone #: Fax #:
Project #: 245-03931 Project Owner:
Project Name: HWK 35 Fed GTB
Project Location: J91, NM
Sampler Name: AH
BILL TO
P.O. #:
Company: EOG
Attn: Chase SETHB
Address:
City:
State: Zip:
Phone #:
Fax #:

Table with columns: Lab I.D., Sample I.D., (G)RAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE/COOL, OTHER), SAMPLING (DATE, TIME). Includes handwritten entries for sample IDs and dates.

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Relinquished By: Received By: Verbal Result: All Results are emailed. Please provide Email address: *Customer requested Depth changes. DIRECT bill EOG
Delivered By: Observed Temp. Sample Condition CHECKED BY: Turnaround Time: Bacteria (only) Sample Condition

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/18/2026 4:22:59 PM

JOB DESCRIPTION

Hawk 35 Fed CTB

JOB NUMBER

885-43080-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Laboratory Job ID: 885-43080-1

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Definitions/Glossary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Case Narrative

Client: Vertex
Project: Hawk 35 Fed CTB

Job ID: 885-43080-1

Job ID: 885-43080-1

Eurofins Albuquerque

Job Narrative 885-43080-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/11/2026 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°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 8015M/D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 885-42940 and analytical batch 885-42967 recovered outside control limits for the following analytes: Di-n-octyl phthalate (Surr) and Diesel Range Organics [C10-C28]. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

Client Sample ID: BH24-07 2.5'

Lab Sample ID: 885-43080-1

Date Collected: 02/06/26 10:00

Matrix: Solid

Date Received: 02/11/26 07:45

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		02/11/26 13:21	02/14/26 04:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			02/11/26 13:21	02/14/26 04:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/11/26 13:21	02/14/26 04:15	1
Ethylbenzene	ND		0.046	mg/Kg		02/11/26 13:21	02/14/26 04:15	1
Toluene	ND		0.046	mg/Kg		02/11/26 13:21	02/14/26 04:15	1
Xylenes, Total	ND		0.093	mg/Kg		02/11/26 13:21	02/14/26 04:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			02/11/26 13:21	02/14/26 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	*+	10	mg/Kg		02/11/26 15:58	02/12/26 11:40	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/11/26 15:58	02/12/26 11:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			02/11/26 15:58	02/12/26 11:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		02/11/26 17:59	02/12/26 11:14	10

Client Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

Client Sample ID: BH24-37 4.0'

Lab Sample ID: 885-43080-2

Date Collected: 02/06/26 11:00

Matrix: Solid

Date Received: 02/11/26 07:45

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		02/11/26 13:21	02/14/26 04:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			02/11/26 13:21	02/14/26 04:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/11/26 13:21	02/14/26 04:39	1
Ethylbenzene	ND		0.047	mg/Kg		02/11/26 13:21	02/14/26 04:39	1
Toluene	ND		0.047	mg/Kg		02/11/26 13:21	02/14/26 04:39	1
Xylenes, Total	ND		0.095	mg/Kg		02/11/26 13:21	02/14/26 04:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			02/11/26 13:21	02/14/26 04:39	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	*+	9.3	mg/Kg		02/11/26 15:58	02/12/26 11:51	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/11/26 15:58	02/12/26 11:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	65		62 - 134			02/11/26 15:58	02/12/26 11:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	940		51	mg/Kg		02/11/26 17:59	02/12/26 11:45	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

Client Sample ID: BS25-02 2.0'

Lab Sample ID: 885-43080-3

Date Collected: 02/06/26 12:00

Matrix: Solid

Date Received: 02/11/26 07:45

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		02/11/26 13:21	02/14/26 05:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			02/11/26 13:21	02/14/26 05:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/11/26 13:21	02/14/26 05:03	1
Ethylbenzene	ND		0.049	mg/Kg		02/11/26 13:21	02/14/26 05:03	1
Toluene	ND		0.049	mg/Kg		02/11/26 13:21	02/14/26 05:03	1
Xylenes, Total	ND		0.098	mg/Kg		02/11/26 13:21	02/14/26 05:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			02/11/26 13:21	02/14/26 05:03	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		02/11/26 15:58	02/13/26 15:54	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/11/26 15:58	02/13/26 15:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			02/11/26 15:58	02/13/26 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	610		50	mg/Kg		02/11/26 17:59	02/12/26 11:55	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

Client Sample ID: BS25-04 2.0'

Lab Sample ID: 885-43080-4

Date Collected: 02/06/26 13:00

Matrix: Solid

Date Received: 02/11/26 07:45

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		02/11/26 13:21	02/14/26 05:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			02/11/26 13:21	02/14/26 05:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/11/26 13:21	02/14/26 05:27	1
Ethylbenzene	ND		0.050	mg/Kg		02/11/26 13:21	02/14/26 05:27	1
Toluene	ND		0.050	mg/Kg		02/11/26 13:21	02/14/26 05:27	1
Xylenes, Total	ND		0.099	mg/Kg		02/11/26 13:21	02/14/26 05:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		15 - 150			02/11/26 13:21	02/14/26 05:27	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]	ND	*+	9.7	mg/Kg		02/11/26 15:58	02/13/26 16:05	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/11/26 15:58	02/13/26 16:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			02/11/26 15:58	02/13/26 16:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600		51	mg/Kg		02/11/26 17:59	02/12/26 12:26	10

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

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

Lab Sample ID: MB 885-42928/1-A
Matrix: Solid
Analysis Batch: 43095

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42928

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		02/11/26 13:21	02/13/26 23:49	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			02/11/26 13:21	02/13/26 23:49	1

Lab Sample ID: LCS 885-42928/2-A
Matrix: Solid
Analysis Batch: 43095

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	25.4		mg/Kg		101	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	196		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-42928/1-A
Matrix: Solid
Analysis Batch: 43094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42928

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/11/26 13:21	02/13/26 23:49	1
Ethylbenzene	ND		0.050	mg/Kg		02/11/26 13:21	02/13/26 23:49	1
Toluene	ND		0.050	mg/Kg		02/11/26 13:21	02/13/26 23:49	1
Xylenes, Total	ND		0.10	mg/Kg		02/11/26 13:21	02/13/26 23:49	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			02/11/26 13:21	02/13/26 23:49	1

Lab Sample ID: LCS 885-42928/3-A
Matrix: Solid
Analysis Batch: 43094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.934		mg/Kg		93	70 - 130
Ethylbenzene	1.00	0.941		mg/Kg		94	70 - 130
Toluene	1.00	0.948		mg/Kg		95	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	90		15 - 150				

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

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

Lab Sample ID: MB 885-42940/1-A
Matrix: Solid
Analysis Batch: 42967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42940

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		02/11/26 15:58	02/12/26 10:09	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/11/26 15:58	02/12/26 10:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			02/11/26 15:58	02/12/26 10:09	1

Lab Sample ID: LCS 885-42940/2-A
Matrix: Solid
Analysis Batch: 42967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	75.4	*+	mg/Kg		151	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	143	S1+	62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-42954/1-A
Matrix: Solid
Analysis Batch: 42980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42954

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		5.0	mg/Kg		02/11/26 17:59	02/12/26 10:22	1	
Lab Sample ID: LCS 885-42954/2-A	Matrix: Solid	Analysis Batch: 42980	Client Sample ID: Lab Control Sample	Prep Type: Total/NA	Prep Batch: 42954				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	49.7	47.7		mg/Kg		96	90 - 110		

Lab Sample ID: 885-43080-1 MS
Matrix: Solid
Analysis Batch: 42980

Client Sample ID: BH24-07 2.5'
Prep Type: Total/NA
Prep Batch: 42954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		50.7	61.2		mg/Kg		NC	50 - 150

Lab Sample ID: 885-43080-1 MSD
Matrix: Solid
Analysis Batch: 42980

Client Sample ID: BH24-07 2.5'
Prep Type: Total/NA
Prep Batch: 42954

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.7	59.6		mg/Kg		NC	50 - 150	3	20

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QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

GC VOA

Prep Batch: 42928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43080-1	BH24-07 2.5'	Total/NA	Solid	5030C	
885-43080-2	BH24-37 4.0'	Total/NA	Solid	5030C	
885-43080-3	BS25-02 2.0'	Total/NA	Solid	5030C	
885-43080-4	BS25-04 2.0'	Total/NA	Solid	5030C	
MB 885-42928/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-42928/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-42928/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 43094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43080-1	BH24-07 2.5'	Total/NA	Solid	8021B	42928
885-43080-2	BH24-37 4.0'	Total/NA	Solid	8021B	42928
885-43080-3	BS25-02 2.0'	Total/NA	Solid	8021B	42928
885-43080-4	BS25-04 2.0'	Total/NA	Solid	8021B	42928
MB 885-42928/1-A	Method Blank	Total/NA	Solid	8021B	42928
LCS 885-42928/3-A	Lab Control Sample	Total/NA	Solid	8021B	42928

Analysis Batch: 43095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43080-1	BH24-07 2.5'	Total/NA	Solid	8015M/D	42928
885-43080-2	BH24-37 4.0'	Total/NA	Solid	8015M/D	42928
885-43080-3	BS25-02 2.0'	Total/NA	Solid	8015M/D	42928
885-43080-4	BS25-04 2.0'	Total/NA	Solid	8015M/D	42928
MB 885-42928/1-A	Method Blank	Total/NA	Solid	8015M/D	42928
LCS 885-42928/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42928

GC Semi VOA

Prep Batch: 42940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43080-1	BH24-07 2.5'	Total/NA	Solid	SHAKE	
885-43080-2	BH24-37 4.0'	Total/NA	Solid	SHAKE	
885-43080-3	BS25-02 2.0'	Total/NA	Solid	SHAKE	
885-43080-4	BS25-04 2.0'	Total/NA	Solid	SHAKE	
MB 885-42940/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-42940/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 42967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43080-1	BH24-07 2.5'	Total/NA	Solid	8015M/D	42940
885-43080-2	BH24-37 4.0'	Total/NA	Solid	8015M/D	42940
MB 885-42940/1-A	Method Blank	Total/NA	Solid	8015M/D	42940
LCS 885-42940/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42940

Analysis Batch: 43077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43080-3	BS25-02 2.0'	Total/NA	Solid	8015M/D	42940
885-43080-4	BS25-04 2.0'	Total/NA	Solid	8015M/D	42940

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

HPLC/IC

Prep Batch: 42954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43080-1	BH24-07 2.5'	Total/NA	Solid	300_Prep	
885-43080-2	BH24-37 4.0'	Total/NA	Solid	300_Prep	
885-43080-3	BS25-02 2.0'	Total/NA	Solid	300_Prep	
885-43080-4	BS25-04 2.0'	Total/NA	Solid	300_Prep	
MB 885-42954/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-42954/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-43080-1 MS	BH24-07 2.5'	Total/NA	Solid	300_Prep	
885-43080-1 MSD	BH24-07 2.5'	Total/NA	Solid	300_Prep	

Analysis Batch: 42980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43080-1	BH24-07 2.5'	Total/NA	Solid	300.0	42954
885-43080-2	BH24-37 4.0'	Total/NA	Solid	300.0	42954
885-43080-3	BS25-02 2.0'	Total/NA	Solid	300.0	42954
885-43080-4	BS25-04 2.0'	Total/NA	Solid	300.0	42954
MB 885-42954/1-A	Method Blank	Total/NA	Solid	300.0	42954
LCS 885-42954/2-A	Lab Control Sample	Total/NA	Solid	300.0	42954
885-43080-1 MS	BH24-07 2.5'	Total/NA	Solid	300.0	42954
885-43080-1 MSD	BH24-07 2.5'	Total/NA	Solid	300.0	42954

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

Client Sample ID: BH24-07 2.5'

Lab Sample ID: 885-43080-1

Date Collected: 02/06/26 10:00

Matrix: Solid

Date Received: 02/11/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42928	JP	EET ALB	02/11/26 13:21
Total/NA	Analysis	8015M/D		1	43095	VP	EET ALB	02/14/26 04:15
Total/NA	Prep	5030C			42928	JP	EET ALB	02/11/26 13:21
Total/NA	Analysis	8021B		1	43094	VP	EET ALB	02/14/26 04:15
Total/NA	Prep	SHAKE			42940	DR	EET ALB	02/11/26 15:58
Total/NA	Analysis	8015M/D		1	42967	DH	EET ALB	02/12/26 11:40
Total/NA	Prep	300_Prep			42954	JT	EET ALB	02/11/26 17:59
Total/NA	Analysis	300.0		10	42980	JT	EET ALB	02/12/26 11:14

Client Sample ID: BH24-37 4.0'

Lab Sample ID: 885-43080-2

Date Collected: 02/06/26 11:00

Matrix: Solid

Date Received: 02/11/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42928	JP	EET ALB	02/11/26 13:21
Total/NA	Analysis	8015M/D		1	43095	VP	EET ALB	02/14/26 04:39
Total/NA	Prep	5030C			42928	JP	EET ALB	02/11/26 13:21
Total/NA	Analysis	8021B		1	43094	VP	EET ALB	02/14/26 04:39
Total/NA	Prep	SHAKE			42940	DR	EET ALB	02/11/26 15:58
Total/NA	Analysis	8015M/D		1	42967	DH	EET ALB	02/12/26 11:51
Total/NA	Prep	300_Prep			42954	JT	EET ALB	02/11/26 17:59
Total/NA	Analysis	300.0		10	42980	JT	EET ALB	02/12/26 11:45

Client Sample ID: BS25-02 2.0'

Lab Sample ID: 885-43080-3

Date Collected: 02/06/26 12:00

Matrix: Solid

Date Received: 02/11/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42928	JP	EET ALB	02/11/26 13:21
Total/NA	Analysis	8015M/D		1	43095	VP	EET ALB	02/14/26 05:03
Total/NA	Prep	5030C			42928	JP	EET ALB	02/11/26 13:21
Total/NA	Analysis	8021B		1	43094	VP	EET ALB	02/14/26 05:03
Total/NA	Prep	SHAKE			42940	DR	EET ALB	02/11/26 15:58
Total/NA	Analysis	8015M/D		1	43077	EM	EET ALB	02/13/26 15:54
Total/NA	Prep	300_Prep			42954	JT	EET ALB	02/11/26 17:59
Total/NA	Analysis	300.0		10	42980	JT	EET ALB	02/12/26 11:55

Client Sample ID: BS25-04 2.0'

Lab Sample ID: 885-43080-4

Date Collected: 02/06/26 13:00

Matrix: Solid

Date Received: 02/11/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42928	JP	EET ALB	02/11/26 13:21
Total/NA	Analysis	8015M/D		1	43095	VP	EET ALB	02/14/26 05:27

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

Client Sample ID: BS25-04 2.0'

Lab Sample ID: 885-43080-4

Date Collected: 02/06/26 13:00

Matrix: Solid

Date Received: 02/11/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42928	JP	EET ALB	02/11/26 13:21
Total/NA	Analysis	8021B		1	43094	VP	EET ALB	02/14/26 05:27
Total/NA	Prep	SHAKE			42940	DR	EET ALB	02/11/26 15:58
Total/NA	Analysis	8015M/D		1	43077	EM	EET ALB	02/13/26 16:05
Total/NA	Prep	300_Prep			42954	JT	EET ALB	02/11/26 17:59
Total/NA	Analysis	300.0		10	42980	JT	EET ALB	02/12/26 12:26

Laboratory References:

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



Accreditation/Certification Summary

Client: Vertex
Project/Site: Hawk 35 Fed CTB

Job ID: 885-43080-1

Laboratory: Eurofins Albuquerque

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

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

- 1
- 2
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Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-43080-1

Login Number: 43080

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Hawk 35 Federal CTB

JOB NUMBER

885-43480-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
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(505)338-8812

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Laboratory Job ID: 885-43480-1



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Definitions/Glossary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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: Hawk 35 Federal CTB

Job ID: 885-43480-1

Job ID: 885-43480-1

Eurofins Albuquerque

Job Narrative 885-43480-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/17/2026 7:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

Receipt Exceptions

Sample names on COC of BS25 and WS25 actually say BS26 and WS26 on labels. Client instructed lab to go with names on COC.

BS25-01 2.5' (885-43480-1), BS25-03 2.5' (885-43480-2), BS25-05 2.5' (885-43480-3), BS25-06 2.5' (885-43480-4), BS25-22 2.5' (885-43480-5), BS25-36 2.5' (885-43480-6), BS25-37 2.5' (885-43480-7), WS25-26 0-2.5' (885-43480-8), WS25-27 0.5-2.5' (885-43480-9), WS25-28 1.5-2.5' (885-43480-10), WS25-29 0-2.5' (885-43480-11), WS25-30 0-2.5' (885-43480-12), WS25-31 0-2.5' (885-43480-13), WS25-32 0-2.5' (885-43480-14), WS25-33 0-2.5' (885-43480-15) and WS25-34 0-2.5' (885-43480-16)

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-43237 and analytical batch 885-43240 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-01 2.5'

Lab Sample ID: 885-43480-1

Date Collected: 02/14/26 08:00

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.3	mg/Kg		02/17/26 11:01	02/17/26 22:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			02/17/26 11:01	02/17/26 22:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		02/17/26 11:01	02/17/26 22:32	1
Ethylbenzene	ND		0.033	mg/Kg		02/17/26 11:01	02/17/26 22:32	1
Toluene	ND		0.033	mg/Kg		02/17/26 11:01	02/17/26 22:32	1
Xylenes, Total	ND		0.065	mg/Kg		02/17/26 11:01	02/17/26 22:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			02/17/26 11:01	02/17/26 22:32	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		02/18/26 11:11	02/18/26 14:20	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/18/26 11:11	02/18/26 14:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/18/26 11:11	02/18/26 14:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170	F1	50	mg/Kg		02/17/26 11:38	02/17/26 13:32	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-03 2.5'

Lab Sample ID: 885-43480-2

Date Collected: 02/14/26 08:05

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.7	mg/Kg		02/17/26 11:01	02/17/26 23:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			02/17/26 11:01	02/17/26 23:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		02/17/26 11:01	02/17/26 23:37	1
Ethylbenzene	ND		0.037	mg/Kg		02/17/26 11:01	02/17/26 23:37	1
Toluene	ND		0.037	mg/Kg		02/17/26 11:01	02/17/26 23:37	1
Xylenes, Total	ND		0.075	mg/Kg		02/17/26 11:01	02/17/26 23:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			02/17/26 11:01	02/17/26 23:37	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]	35		9.9	mg/Kg		02/18/26 11:11	02/18/26 23:37	1
Motor Oil Range Organics [C28-C40]	150		49	mg/Kg		02/18/26 11:11	02/18/26 23:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	81		62 - 134			02/18/26 11:11	02/18/26 23:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		49	mg/Kg		02/17/26 11:38	02/17/26 14:05	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-05 2.5'

Lab Sample ID: 885-43480-3

Date Collected: 02/14/26 08:10

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.8	mg/Kg		02/17/26 11:01	02/18/26 00:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			02/17/26 11:01	02/18/26 00:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		02/17/26 11:01	02/18/26 00:42	1
Ethylbenzene	ND		0.038	mg/Kg		02/17/26 11:01	02/18/26 00:42	1
Toluene	ND		0.038	mg/Kg		02/17/26 11:01	02/18/26 00:42	1
Xylenes, Total	ND		0.076	mg/Kg		02/17/26 11:01	02/18/26 00:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			02/17/26 11:01	02/18/26 00:42	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]	35		9.8	mg/Kg		02/18/26 11:11	02/19/26 00:35	1
Motor Oil Range Organics [C28-C40]	200		49	mg/Kg		02/18/26 11:11	02/19/26 00:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			02/18/26 11:11	02/19/26 00:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		51	mg/Kg		02/17/26 11:38	02/17/26 14:37	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-06 2.5'

Lab Sample ID: 885-43480-4

Date Collected: 02/14/26 08:15

Matrix: Solid

Date Received: 02/17/26 07:55

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		4.0	mg/Kg		02/17/26 11:01	02/18/26 01:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			02/17/26 11:01	02/18/26 01:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		02/17/26 11:01	02/18/26 01:04	1
Ethylbenzene	ND		0.040	mg/Kg		02/17/26 11:01	02/18/26 01:04	1
Toluene	ND		0.040	mg/Kg		02/17/26 11:01	02/18/26 01:04	1
Xylenes, Total	ND		0.079	mg/Kg		02/17/26 11:01	02/18/26 01:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			02/17/26 11:01	02/18/26 01:04	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]	31		9.5	mg/Kg		02/18/26 11:11	02/19/26 01:34	1
Motor Oil Range Organics [C28-C40]	130		47	mg/Kg		02/18/26 11:11	02/19/26 01:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			02/18/26 11:11	02/19/26 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		50	mg/Kg		02/17/26 11:38	02/17/26 14:48	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-22 2.5'

Lab Sample ID: 885-43480-5

Date Collected: 02/14/26 08:20

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.5	mg/Kg		02/17/26 11:01	02/18/26 01:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			02/17/26 11:01	02/18/26 01:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		02/17/26 11:01	02/18/26 01:25	1
Ethylbenzene	ND		0.035	mg/Kg		02/17/26 11:01	02/18/26 01:25	1
Toluene	ND		0.035	mg/Kg		02/17/26 11:01	02/18/26 01:25	1
Xylenes, Total	ND		0.070	mg/Kg		02/17/26 11:01	02/18/26 01:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			02/17/26 11:01	02/18/26 01:25	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]	31		9.2	mg/Kg		02/18/26 11:11	02/19/26 02:32	1
Motor Oil Range Organics [C28-C40]	130		46	mg/Kg		02/18/26 11:11	02/19/26 02:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			02/18/26 11:11	02/19/26 02:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		50	mg/Kg		02/17/26 11:38	02/17/26 15:20	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-36 2.5'

Lab Sample ID: 885-43480-6

Date Collected: 02/14/26 08:25

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.9	mg/Kg		02/17/26 11:01	02/18/26 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			02/17/26 11:01	02/18/26 01:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		02/17/26 11:01	02/18/26 01:47	1
Ethylbenzene	ND		0.039	mg/Kg		02/17/26 11:01	02/18/26 01:47	1
Toluene	ND		0.039	mg/Kg		02/17/26 11:01	02/18/26 01:47	1
Xylenes, Total	ND		0.079	mg/Kg		02/17/26 11:01	02/18/26 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			02/17/26 11:01	02/18/26 01:47	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]	21		19	mg/Kg		02/18/26 11:11	02/19/26 03:30	2
Motor Oil Range Organics [C28-C40]	140		97	mg/Kg		02/18/26 11:11	02/19/26 03:30	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			02/18/26 11:11	02/19/26 03:30	2

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		50	mg/Kg		02/17/26 11:38	02/17/26 15:31	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-37 2.5'

Lab Sample ID: 885-43480-7

Date Collected: 02/14/26 08:30

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.7	mg/Kg		02/17/26 11:01	02/18/26 02:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			02/17/26 11:01	02/18/26 02:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		02/17/26 11:01	02/18/26 02:09	1
Ethylbenzene	ND		0.037	mg/Kg		02/17/26 11:01	02/18/26 02:09	1
Toluene	ND		0.037	mg/Kg		02/17/26 11:01	02/18/26 02:09	1
Xylenes, Total	ND		0.075	mg/Kg		02/17/26 11:01	02/18/26 02:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			02/17/26 11:01	02/18/26 02:09	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]	26		19	mg/Kg		02/18/26 11:11	02/19/26 04:28	2
Motor Oil Range Organics [C28-C40]	160		93	mg/Kg		02/18/26 11:11	02/19/26 04:28	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			02/18/26 11:11	02/19/26 04:28	2

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		51	mg/Kg		02/17/26 11:38	02/17/26 15:42	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-26 0-2.5'

Lab Sample ID: 885-43480-8

Date Collected: 02/14/26 08:35

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.5	mg/Kg		02/17/26 11:01	02/18/26 02:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			02/17/26 11:01	02/18/26 02:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		02/17/26 11:01	02/18/26 02:31	1
Ethylbenzene	ND		0.035	mg/Kg		02/17/26 11:01	02/18/26 02:31	1
Toluene	ND		0.035	mg/Kg		02/17/26 11:01	02/18/26 02:31	1
Xylenes, Total	ND		0.071	mg/Kg		02/17/26 11:01	02/18/26 02:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			02/17/26 11:01	02/18/26 02:31	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		02/18/26 11:11	02/18/26 15:50	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/18/26 11:11	02/18/26 15:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			02/18/26 11:11	02/18/26 15:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80		50	mg/Kg		02/17/26 11:38	02/17/26 15:53	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-27 0.5-2.5'

Lab Sample ID: 885-43480-9

Date Collected: 02/14/26 08:45

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.9	mg/Kg		02/17/26 11:01	02/18/26 02:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			02/17/26 11:01	02/18/26 02:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		02/17/26 11:01	02/18/26 02:52	1
Ethylbenzene	ND		0.039	mg/Kg		02/17/26 11:01	02/18/26 02:52	1
Toluene	ND		0.039	mg/Kg		02/17/26 11:01	02/18/26 02:52	1
Xylenes, Total	ND		0.078	mg/Kg		02/17/26 11:01	02/18/26 02:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			02/17/26 11:01	02/18/26 02:52	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		02/18/26 11:11	02/18/26 15:17	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/18/26 11:11	02/18/26 15:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			02/18/26 11:11	02/18/26 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59		50	mg/Kg		02/17/26 11:38	02/17/26 16:04	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-28 1.5-2.5'

Lab Sample ID: 885-43480-10

Date Collected: 02/14/26 08:50

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.2	mg/Kg		02/17/26 11:01	02/18/26 03:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			02/17/26 11:01	02/18/26 03:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		02/17/26 11:01	02/18/26 03:14	1
Ethylbenzene	ND		0.032	mg/Kg		02/17/26 11:01	02/18/26 03:14	1
Toluene	ND		0.032	mg/Kg		02/17/26 11:01	02/18/26 03:14	1
Xylenes, Total	ND		0.064	mg/Kg		02/17/26 11:01	02/18/26 03:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			02/17/26 11:01	02/18/26 03:14	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		02/18/26 11:11	02/18/26 15:29	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/18/26 11:11	02/18/26 15:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			02/18/26 11:11	02/18/26 15:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57		49	mg/Kg		02/17/26 11:38	02/17/26 16:15	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-29 0-2.5'

Lab Sample ID: 885-43480-11

Date Collected: 02/14/26 09:00

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.4	mg/Kg		02/17/26 11:01	02/18/26 03:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			02/17/26 11:01	02/18/26 03:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		02/17/26 11:01	02/18/26 03:57	1
Ethylbenzene	ND		0.034	mg/Kg		02/17/26 11:01	02/18/26 03:57	1
Toluene	ND		0.034	mg/Kg		02/17/26 11:01	02/18/26 03:57	1
Xylenes, Total	ND		0.069	mg/Kg		02/17/26 11:01	02/18/26 03:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			02/17/26 11:01	02/18/26 03:57	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		02/18/26 11:11	02/18/26 14:05	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/18/26 11:11	02/18/26 14:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			02/18/26 11:11	02/18/26 14:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94		49	mg/Kg		02/17/26 11:38	02/17/26 16:26	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-30 0-2.5'

Lab Sample ID: 885-43480-12

Date Collected: 02/14/26 09:05

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.4	mg/Kg		02/17/26 11:01	02/18/26 04:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			02/17/26 11:01	02/18/26 04:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		02/17/26 11:01	02/18/26 04:19	1
Ethylbenzene	ND		0.034	mg/Kg		02/17/26 11:01	02/18/26 04:19	1
Toluene	ND		0.034	mg/Kg		02/17/26 11:01	02/18/26 04:19	1
Xylenes, Total	ND		0.068	mg/Kg		02/17/26 11:01	02/18/26 04:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			02/17/26 11:01	02/18/26 04:19	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		02/18/26 11:11	02/18/26 14:17	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/18/26 11:11	02/18/26 14:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/18/26 11:11	02/18/26 14:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		50	mg/Kg		02/17/26 11:38	02/17/26 16:36	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-31 0-2.5'

Lab Sample ID: 885-43480-13

Date Collected: 02/14/26 09:10

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.4	mg/Kg		02/17/26 11:01	02/18/26 04:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			02/17/26 11:01	02/18/26 04:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		02/17/26 11:01	02/18/26 04:41	1
Ethylbenzene	ND		0.034	mg/Kg		02/17/26 11:01	02/18/26 04:41	1
Toluene	ND		0.034	mg/Kg		02/17/26 11:01	02/18/26 04:41	1
Xylenes, Total	ND		0.069	mg/Kg		02/17/26 11:01	02/18/26 04:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			02/17/26 11:01	02/18/26 04:41	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		9.5	mg/Kg		02/18/26 11:11	02/18/26 14:29	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/18/26 11:11	02/18/26 14:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			02/18/26 11:11	02/18/26 14:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		50	mg/Kg		02/17/26 11:38	02/17/26 16:47	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-32 0-2.5'

Lab Sample ID: 885-43480-14

Date Collected: 02/14/26 09:15

Matrix: Solid

Date Received: 02/17/26 07:55

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		4.1	mg/Kg		02/17/26 11:19	02/18/26 05:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			02/17/26 11:19	02/18/26 05:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		02/17/26 11:19	02/18/26 05:02	1
Ethylbenzene	ND		0.041	mg/Kg		02/17/26 11:19	02/18/26 05:02	1
Toluene	ND		0.041	mg/Kg		02/17/26 11:19	02/18/26 05:02	1
Xylenes, Total	ND		0.082	mg/Kg		02/17/26 11:19	02/18/26 05:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			02/17/26 11:19	02/18/26 05:02	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		9.3	mg/Kg		02/18/26 11:11	02/18/26 14:41	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/18/26 11:11	02/18/26 14:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/18/26 11:11	02/18/26 14:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		50	mg/Kg		02/17/26 11:38	02/17/26 16:58	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-33 0-2.5'

Lab Sample ID: 885-43480-15

Date Collected: 02/14/26 09:20

Matrix: Solid

Date Received: 02/17/26 07:55

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		4.2	mg/Kg		02/17/26 11:19	02/18/26 05:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			02/17/26 11:19	02/18/26 05:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		02/17/26 11:19	02/18/26 05:24	1
Ethylbenzene	ND		0.042	mg/Kg		02/17/26 11:19	02/18/26 05:24	1
Toluene	ND		0.042	mg/Kg		02/17/26 11:19	02/18/26 05:24	1
Xylenes, Total	ND		0.084	mg/Kg		02/17/26 11:19	02/18/26 05:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			02/17/26 11:19	02/18/26 05:24	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		02/18/26 11:11	02/18/26 14:53	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/18/26 11:11	02/18/26 14:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			02/18/26 11:11	02/18/26 14:53	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		50	mg/Kg		02/17/26 11:38	02/17/26 17:31	10

Client Sample Results

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-34 0-2.5'

Lab Sample ID: 885-43480-16

Date Collected: 02/14/26 09:25

Matrix: Solid

Date Received: 02/17/26 07:55

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		3.4	mg/Kg		02/17/26 11:19	02/18/26 05:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			02/17/26 11:19	02/18/26 05:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		02/17/26 11:19	02/18/26 05:46	1
Ethylbenzene	ND		0.034	mg/Kg		02/17/26 11:19	02/18/26 05:46	1
Toluene	ND		0.034	mg/Kg		02/17/26 11:19	02/18/26 05:46	1
Xylenes, Total	ND		0.067	mg/Kg		02/17/26 11:19	02/18/26 05:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			02/17/26 11:19	02/18/26 05:46	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		02/18/26 11:11	02/18/26 15:05	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/18/26 11:11	02/18/26 15:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			02/18/26 11:11	02/18/26 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		50	mg/Kg		02/17/26 11:38	02/17/26 17:42	10

QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

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

Lab Sample ID: MB 885-43228/1-A
Matrix: Solid
Analysis Batch: 43283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43228

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		02/17/26 11:01	02/17/26 22:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			02/17/26 11:01	02/17/26 22:11	1

Lab Sample ID: LCS 885-43228/2-A
Matrix: Solid
Analysis Batch: 43283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	22.1		mg/Kg		88	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	212		15 - 150				

Lab Sample ID: 885-43480-1 MS
Matrix: Solid
Analysis Batch: 43283

Client Sample ID: BS25-01 2.5'
Prep Type: Total/NA
Prep Batch: 43228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		16.3	14.1		mg/Kg		87	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	199		15 - 150						

Lab Sample ID: 885-43480-1 MSD
Matrix: Solid
Analysis Batch: 43283

Client Sample ID: BS25-01 2.5'
Prep Type: Total/NA
Prep Batch: 43228

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		16.3	13.4		mg/Kg		83	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	193		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-43228/1-A
Matrix: Solid
Analysis Batch: 43284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43228

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/17/26 11:01	02/17/26 22:11	1
Ethylbenzene	ND		0.050	mg/Kg		02/17/26 11:01	02/17/26 22:11	1
Toluene	ND		0.050	mg/Kg		02/17/26 11:01	02/17/26 22:11	1

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

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

Lab Sample ID: MB 885-43228/1-A
Matrix: Solid
Analysis Batch: 43284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43228

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		02/17/26 11:01	02/17/26 22:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150	02/17/26 11:01	02/17/26 22:11	1

Lab Sample ID: LCS 885-43228/3-A
Matrix: Solid
Analysis Batch: 43284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.904		mg/Kg		90	70 - 130
Ethylbenzene	1.00	0.911		mg/Kg		91	70 - 130
Toluene	1.00	0.911		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		15 - 150

Lab Sample ID: 885-43480-2 MS
Matrix: Solid
Analysis Batch: 43284

Client Sample ID: BS25-03 2.5'
Prep Type: Total/NA
Prep Batch: 43228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.750	0.645		mg/Kg		86	70 - 130
Ethylbenzene	ND		0.750	0.639		mg/Kg		85	70 - 130
Toluene	ND		0.750	0.647		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		15 - 150

Lab Sample ID: 885-43480-2 MSD
Matrix: Solid
Analysis Batch: 43284

Client Sample ID: BS25-03 2.5'
Prep Type: Total/NA
Prep Batch: 43228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.750	0.589		mg/Kg		79	70 - 130	9	20
Ethylbenzene	ND		0.750	0.597		mg/Kg		80	70 - 130	7	20
Toluene	ND		0.750	0.601		mg/Kg		80	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		15 - 150

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QC Sample Results

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

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

Lab Sample ID: MB 885-43331/1-A
Matrix: Solid
Analysis Batch: 43310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43331

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		02/18/26 11:11	02/18/26 13:59	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/18/26 11:11	02/18/26 13:59	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/18/26 11:11	02/18/26 13:59	1

Lab Sample ID: LCS 885-43331/2-A
Matrix: Solid
Analysis Batch: 43310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	58.8		mg/Kg		118	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	102		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-43237/1-A
Matrix: Solid
Analysis Batch: 43240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43237

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		02/17/26 11:38	02/17/26 13:10	1

Lab Sample ID: LCS 885-43237/2-A
Matrix: Solid
Analysis Batch: 43240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.5	50.8		mg/Kg		101	90 - 110

Lab Sample ID: 885-43480-2 MS
Matrix: Solid
Analysis Batch: 43240

Client Sample ID: BS25-03 2.5'
Prep Type: Total/NA
Prep Batch: 43237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	130		50.7	169		mg/Kg		81	50 - 150

Lab Sample ID: 885-43480-2 MSD
Matrix: Solid
Analysis Batch: 43240

Client Sample ID: BS25-03 2.5'
Prep Type: Total/NA
Prep Batch: 43237

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	130		49.8	178		mg/Kg		100	50 - 150	5	20

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

GC VOA

Prep Batch: 43228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-1	BS25-01 2.5'	Total/NA	Solid	5035	
885-43480-2	BS25-03 2.5'	Total/NA	Solid	5035	
885-43480-3	BS25-05 2.5'	Total/NA	Solid	5035	
885-43480-4	BS25-06 2.5'	Total/NA	Solid	5035	
885-43480-5	BS25-22 2.5'	Total/NA	Solid	5035	
885-43480-6	BS25-36 2.5'	Total/NA	Solid	5035	
885-43480-7	BS25-37 2.5'	Total/NA	Solid	5035	
885-43480-8	WS25-26 0-2.5'	Total/NA	Solid	5035	
885-43480-9	WS25-27 0.5-2.5'	Total/NA	Solid	5035	
885-43480-10	WS25-28 1.5-2.5'	Total/NA	Solid	5035	
885-43480-11	WS25-29 0-2.5'	Total/NA	Solid	5035	
885-43480-12	WS25-30 0-2.5'	Total/NA	Solid	5035	
885-43480-13	WS25-31 0-2.5'	Total/NA	Solid	5035	
885-43480-14	WS25-32 0-2.5'	Total/NA	Solid	5035	
885-43480-15	WS25-33 0-2.5'	Total/NA	Solid	5035	
885-43480-16	WS25-34 0-2.5'	Total/NA	Solid	5035	
MB 885-43228/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-43228/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-43228/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-43480-1 MS	BS25-01 2.5'	Total/NA	Solid	5035	
885-43480-1 MSD	BS25-01 2.5'	Total/NA	Solid	5035	
885-43480-2 MS	BS25-03 2.5'	Total/NA	Solid	5035	
885-43480-2 MSD	BS25-03 2.5'	Total/NA	Solid	5035	

Analysis Batch: 43283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-1	BS25-01 2.5'	Total/NA	Solid	8015M/D	43228
885-43480-2	BS25-03 2.5'	Total/NA	Solid	8015M/D	43228
885-43480-3	BS25-05 2.5'	Total/NA	Solid	8015M/D	43228
885-43480-4	BS25-06 2.5'	Total/NA	Solid	8015M/D	43228
885-43480-5	BS25-22 2.5'	Total/NA	Solid	8015M/D	43228
885-43480-6	BS25-36 2.5'	Total/NA	Solid	8015M/D	43228
885-43480-7	BS25-37 2.5'	Total/NA	Solid	8015M/D	43228
885-43480-8	WS25-26 0-2.5'	Total/NA	Solid	8015M/D	43228
885-43480-9	WS25-27 0.5-2.5'	Total/NA	Solid	8015M/D	43228
885-43480-10	WS25-28 1.5-2.5'	Total/NA	Solid	8015M/D	43228
885-43480-11	WS25-29 0-2.5'	Total/NA	Solid	8015M/D	43228
885-43480-12	WS25-30 0-2.5'	Total/NA	Solid	8015M/D	43228
885-43480-13	WS25-31 0-2.5'	Total/NA	Solid	8015M/D	43228
885-43480-14	WS25-32 0-2.5'	Total/NA	Solid	8015M/D	43228
885-43480-15	WS25-33 0-2.5'	Total/NA	Solid	8015M/D	43228
885-43480-16	WS25-34 0-2.5'	Total/NA	Solid	8015M/D	43228
MB 885-43228/1-A	Method Blank	Total/NA	Solid	8015M/D	43228
LCS 885-43228/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	43228
885-43480-1 MS	BS25-01 2.5'	Total/NA	Solid	8015M/D	43228
885-43480-1 MSD	BS25-01 2.5'	Total/NA	Solid	8015M/D	43228

Analysis Batch: 43284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-1	BS25-01 2.5'	Total/NA	Solid	8021B	43228
885-43480-2	BS25-03 2.5'	Total/NA	Solid	8021B	43228

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

GC VOA (Continued)

Analysis Batch: 43284 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-3	BS25-05 2.5'	Total/NA	Solid	8021B	43228
885-43480-4	BS25-06 2.5'	Total/NA	Solid	8021B	43228
885-43480-5	BS25-22 2.5'	Total/NA	Solid	8021B	43228
885-43480-6	BS25-36 2.5'	Total/NA	Solid	8021B	43228
885-43480-7	BS25-37 2.5'	Total/NA	Solid	8021B	43228
885-43480-8	WS25-26 0-2.5'	Total/NA	Solid	8021B	43228
885-43480-9	WS25-27 0.5-2.5'	Total/NA	Solid	8021B	43228
885-43480-10	WS25-28 1.5-2.5'	Total/NA	Solid	8021B	43228
885-43480-11	WS25-29 0-2.5'	Total/NA	Solid	8021B	43228
885-43480-12	WS25-30 0-2.5'	Total/NA	Solid	8021B	43228
885-43480-13	WS25-31 0-2.5'	Total/NA	Solid	8021B	43228
885-43480-14	WS25-32 0-2.5'	Total/NA	Solid	8021B	43228
885-43480-15	WS25-33 0-2.5'	Total/NA	Solid	8021B	43228
885-43480-16	WS25-34 0-2.5'	Total/NA	Solid	8021B	43228
MB 885-43228/1-A	Method Blank	Total/NA	Solid	8021B	43228
LCS 885-43228/3-A	Lab Control Sample	Total/NA	Solid	8021B	43228
885-43480-2 MS	BS25-03 2.5'	Total/NA	Solid	8021B	43228
885-43480-2 MSD	BS25-03 2.5'	Total/NA	Solid	8021B	43228

GC Semi VOA

Analysis Batch: 43310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-1	BS25-01 2.5'	Total/NA	Solid	8015M/D	43331
MB 885-43331/1-A	Method Blank	Total/NA	Solid	8015M/D	43331
LCS 885-43331/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	43331

Analysis Batch: 43311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-2	BS25-03 2.5'	Total/NA	Solid	8015M/D	43331
885-43480-3	BS25-05 2.5'	Total/NA	Solid	8015M/D	43331
885-43480-4	BS25-06 2.5'	Total/NA	Solid	8015M/D	43331
885-43480-5	BS25-22 2.5'	Total/NA	Solid	8015M/D	43331
885-43480-6	BS25-36 2.5'	Total/NA	Solid	8015M/D	43331
885-43480-7	BS25-37 2.5'	Total/NA	Solid	8015M/D	43331
885-43480-9	WS25-27 0.5-2.5'	Total/NA	Solid	8015M/D	43331
885-43480-10	WS25-28 1.5-2.5'	Total/NA	Solid	8015M/D	43331
885-43480-11	WS25-29 0-2.5'	Total/NA	Solid	8015M/D	43331
885-43480-12	WS25-30 0-2.5'	Total/NA	Solid	8015M/D	43331
885-43480-13	WS25-31 0-2.5'	Total/NA	Solid	8015M/D	43331
885-43480-14	WS25-32 0-2.5'	Total/NA	Solid	8015M/D	43331
885-43480-15	WS25-33 0-2.5'	Total/NA	Solid	8015M/D	43331
885-43480-16	WS25-34 0-2.5'	Total/NA	Solid	8015M/D	43331

Analysis Batch: 43312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-8	WS25-26 0-2.5'	Total/NA	Solid	8015M/D	43331

Prep Batch: 43331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-1	BS25-01 2.5'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

GC Semi VOA (Continued)

Prep Batch: 43331 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-2	BS25-03 2.5'	Total/NA	Solid	SHAKE	
885-43480-3	BS25-05 2.5'	Total/NA	Solid	SHAKE	
885-43480-4	BS25-06 2.5'	Total/NA	Solid	SHAKE	
885-43480-5	BS25-22 2.5'	Total/NA	Solid	SHAKE	
885-43480-6	BS25-36 2.5'	Total/NA	Solid	SHAKE	
885-43480-7	BS25-37 2.5'	Total/NA	Solid	SHAKE	
885-43480-8	WS25-26 0-2.5'	Total/NA	Solid	SHAKE	
885-43480-9	WS25-27 0.5-2.5'	Total/NA	Solid	SHAKE	
885-43480-10	WS25-28 1.5-2.5'	Total/NA	Solid	SHAKE	
885-43480-11	WS25-29 0-2.5'	Total/NA	Solid	SHAKE	
885-43480-12	WS25-30 0-2.5'	Total/NA	Solid	SHAKE	
885-43480-13	WS25-31 0-2.5'	Total/NA	Solid	SHAKE	
885-43480-14	WS25-32 0-2.5'	Total/NA	Solid	SHAKE	
885-43480-15	WS25-33 0-2.5'	Total/NA	Solid	SHAKE	
885-43480-16	WS25-34 0-2.5'	Total/NA	Solid	SHAKE	
MB 885-43331/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-43331/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 43237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-1	BS25-01 2.5'	Total/NA	Solid	300_Prep	
885-43480-2	BS25-03 2.5'	Total/NA	Solid	300_Prep	
885-43480-3	BS25-05 2.5'	Total/NA	Solid	300_Prep	
885-43480-4	BS25-06 2.5'	Total/NA	Solid	300_Prep	
885-43480-5	BS25-22 2.5'	Total/NA	Solid	300_Prep	
885-43480-6	BS25-36 2.5'	Total/NA	Solid	300_Prep	
885-43480-7	BS25-37 2.5'	Total/NA	Solid	300_Prep	
885-43480-8	WS25-26 0-2.5'	Total/NA	Solid	300_Prep	
885-43480-9	WS25-27 0.5-2.5'	Total/NA	Solid	300_Prep	
885-43480-10	WS25-28 1.5-2.5'	Total/NA	Solid	300_Prep	
885-43480-11	WS25-29 0-2.5'	Total/NA	Solid	300_Prep	
885-43480-12	WS25-30 0-2.5'	Total/NA	Solid	300_Prep	
885-43480-13	WS25-31 0-2.5'	Total/NA	Solid	300_Prep	
885-43480-14	WS25-32 0-2.5'	Total/NA	Solid	300_Prep	
885-43480-15	WS25-33 0-2.5'	Total/NA	Solid	300_Prep	
885-43480-16	WS25-34 0-2.5'	Total/NA	Solid	300_Prep	
MB 885-43237/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-43237/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-43480-2 MS	BS25-03 2.5'	Total/NA	Solid	300_Prep	
885-43480-2 MSD	BS25-03 2.5'	Total/NA	Solid	300_Prep	

Analysis Batch: 43240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-1	BS25-01 2.5'	Total/NA	Solid	300.0	43237
885-43480-2	BS25-03 2.5'	Total/NA	Solid	300.0	43237
885-43480-3	BS25-05 2.5'	Total/NA	Solid	300.0	43237
885-43480-4	BS25-06 2.5'	Total/NA	Solid	300.0	43237
885-43480-5	BS25-22 2.5'	Total/NA	Solid	300.0	43237
885-43480-6	BS25-36 2.5'	Total/NA	Solid	300.0	43237

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

HPLC/IC (Continued)

Analysis Batch: 43240 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43480-7	BS25-37 2.5'	Total/NA	Solid	300.0	43237
885-43480-8	WS25-26 0-2.5'	Total/NA	Solid	300.0	43237
885-43480-9	WS25-27 0.5-2.5'	Total/NA	Solid	300.0	43237
885-43480-10	WS25-28 1.5-2.5'	Total/NA	Solid	300.0	43237
885-43480-11	WS25-29 0-2.5'	Total/NA	Solid	300.0	43237
885-43480-12	WS25-30 0-2.5'	Total/NA	Solid	300.0	43237
885-43480-13	WS25-31 0-2.5'	Total/NA	Solid	300.0	43237
885-43480-14	WS25-32 0-2.5'	Total/NA	Solid	300.0	43237
885-43480-15	WS25-33 0-2.5'	Total/NA	Solid	300.0	43237
885-43480-16	WS25-34 0-2.5'	Total/NA	Solid	300.0	43237
MB 885-43237/1-A	Method Blank	Total/NA	Solid	300.0	43237
LCS 885-43237/2-A	Lab Control Sample	Total/NA	Solid	300.0	43237
885-43480-2 MS	BS25-03 2.5'	Total/NA	Solid	300.0	43237
885-43480-2 MSD	BS25-03 2.5'	Total/NA	Solid	300.0	43237



Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-01 2.5'

Lab Sample ID: 885-43480-1

Date Collected: 02/14/26 08:00

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/17/26 22:32
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/17/26 22:32
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43310	EM	EET ALB	02/18/26 14:20
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 13:32

Client Sample ID: BS25-03 2.5'

Lab Sample ID: 885-43480-2

Date Collected: 02/14/26 08:05

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/17/26 23:37
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/17/26 23:37
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 23:37
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 14:05

Client Sample ID: BS25-05 2.5'

Lab Sample ID: 885-43480-3

Date Collected: 02/14/26 08:10

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 00:42
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 00:42
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/19/26 00:35
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 14:37

Client Sample ID: BS25-06 2.5'

Lab Sample ID: 885-43480-4

Date Collected: 02/14/26 08:15

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 01:04

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-06 2.5'

Lab Sample ID: 885-43480-4

Date Collected: 02/14/26 08:15

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 01:04
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/19/26 01:34
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 14:48

Client Sample ID: BS25-22 2.5'

Lab Sample ID: 885-43480-5

Date Collected: 02/14/26 08:20

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 01:25
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 01:25
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/19/26 02:32
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 15:20

Client Sample ID: BS25-36 2.5'

Lab Sample ID: 885-43480-6

Date Collected: 02/14/26 08:25

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 01:47
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 01:47
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		2	43311	EM	EET ALB	02/19/26 03:30
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 15:31

Client Sample ID: BS25-37 2.5'

Lab Sample ID: 885-43480-7

Date Collected: 02/14/26 08:30

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 02:09
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 02:09

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: BS25-37 2.5'

Lab Sample ID: 885-43480-7

Date Collected: 02/14/26 08:30

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		2	43311	EM	EET ALB	02/19/26 04:28
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 15:42

Client Sample ID: WS25-26 0-2.5'

Lab Sample ID: 885-43480-8

Date Collected: 02/14/26 08:35

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 02:31
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 02:31
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43312	EM	EET ALB	02/18/26 15:50
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 15:53

Client Sample ID: WS25-27 0.5-2.5'

Lab Sample ID: 885-43480-9

Date Collected: 02/14/26 08:45

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 02:52
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 02:52
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 15:17
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 16:04

Client Sample ID: WS25-28 1.5-2.5'

Lab Sample ID: 885-43480-10

Date Collected: 02/14/26 08:50

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 03:14
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 03:14
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 15:29

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-28 1.5-2.5'

Lab Sample ID: 885-43480-10

Date Collected: 02/14/26 08:50

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 16:15

Client Sample ID: WS25-29 0-2.5'

Lab Sample ID: 885-43480-11

Date Collected: 02/14/26 09:00

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 03:57
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 03:57
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 14:05
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 16:26

Client Sample ID: WS25-30 0-2.5'

Lab Sample ID: 885-43480-12

Date Collected: 02/14/26 09:05

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 04:19
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 04:19
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 14:17
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 16:36

Client Sample ID: WS25-31 0-2.5'

Lab Sample ID: 885-43480-13

Date Collected: 02/14/26 09:10

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 04:41
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:01
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 04:41
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 14:29
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 16:47

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Client Sample ID: WS25-32 0-2.5'

Lab Sample ID: 885-43480-14

Date Collected: 02/14/26 09:15

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:19
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 05:02
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:19
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 05:02
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 14:41
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 16:58

Client Sample ID: WS25-33 0-2.5'

Lab Sample ID: 885-43480-15

Date Collected: 02/14/26 09:20

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:19
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 05:24
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:19
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 05:24
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 14:53
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 17:31

Client Sample ID: WS25-34 0-2.5'

Lab Sample ID: 885-43480-16

Date Collected: 02/14/26 09:25

Matrix: Solid

Date Received: 02/17/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:19
Total/NA	Analysis	8015M/D		1	43283	AT	EET ALB	02/18/26 05:46
Total/NA	Prep	5035			43228	CM	EET ALB	02/17/26 11:19
Total/NA	Analysis	8021B		1	43284	AT	EET ALB	02/18/26 05:46
Total/NA	Prep	SHAKE			43331	BV	EET ALB	02/18/26 11:11
Total/NA	Analysis	8015M/D		1	43311	EM	EET ALB	02/18/26 15:05
Total/NA	Prep	300_Prep			43237	EH	EET ALB	02/17/26 11:38
Total/NA	Analysis	300.0		10	43240	EH	EET ALB	02/17/26 17:42

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Hawk 35 Federal CTB

Job ID: 885-43480-1

Laboratory: Eurofins Albuquerque

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

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

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

Chain-of-Custody Record

Client: **Vertex Resource Services**

(Direct Bill to EOG Resources Inc)

Mailing Address: 3101 Boyd Drive
Carlsbad, New Mexico 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:
 Standard 24-hour Rush

Project Name:
Hawk 35 Federal CTB

Project #:
24E-03931

Project Manager:
Chance Dixon
cdixon@vertexresource.com

Sampler: J. Rewis

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): $2.8 + 0.2 = 3.0^{\circ}C$



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8710
Tel. 505-345-3975 Fax 505-345-4107 885-43480 COC



Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
02.14.26	8:00	Soil	BS25-01 2.5'	1-4oz jar		1	X	X					X			
02.14.26	8:05	Soil	BS25-03 2.5'	1-4oz jar		2	X	X					X			
02.14.26	8:10	Soil	BS25-05 2.5'	1-4oz jar		3	X	X					X			
02.14.26	8:15	Soil	BS25-06 2.5'	1-4oz jar		4	X	X					X			
02.14.26	8:20	Soil	BS25-22 2.5'	1-4oz jar		5	X	X					X			
02.14.26	8:25	Soil	BS25-36 2.5'	1-4oz jar		6	X	X					X			
02.14.26	8:30	Soil	BS25-37 2.5'	1-4oz jar		7	X	X					X			
02.14.26	8:35	Soil	WS25-26 0-2.5'	1-4oz jar		8	X	X					X			
02.14.26	8:45	Soil	WS25-27 0.5-2.5'	1-4oz jar		9	X	X					X			
02.14.26	8:50	Soil	WS25-28 1.5-2.5'	1-4oz jar		10	X	X					X			
02.14.26	9:00	Soil	WS25-29 0-2.5'	1-4oz jar		11	X	X					X			
02.14.26	9:05	Soil	WS25-30 0-2'	1-4oz jar		12	X	X					X			

Date: 2-15-26 Time: 07:00 Relinquished by: *[Signature]*

Date: 2/16/26 Time: 1900 Relinquished by: *[Signature]*

Received by: *[Signature]* Via: *[Signature]* Date: 2/16/26 Time: 700

Received by: *[Signature]* Via: *[Signature]* Date: 2/17/26 Time: 0745

Direct Bill to EOG Resources Inc. ATTN Chase Settle
CC.permian@vertexresource.com, cdixon@vertexresource.com,
Lpullman@vertexresource.com, aharris@vertexresource.com,
ALudvik@vertexresource.com, jrewis@vertexresource.com for Final Report.

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: 885-43480-1

Login Number: 43480

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.	False	Refer to Job Narrative for details.
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	





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 27, 2026

CHANCE DIXON
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: HAWK 35 FED CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/23/26 13:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 27 1.5' (H260475-01)

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	01/26/2026	ND	1.98	99.1	2.00	1.33		
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81		
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422		
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55		
Total BTEX	<0.300	0.300	01/26/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/26/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 28 1.5' (H260475-02)

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	01/26/2026	ND	1.98	99.1	2.00	1.33		
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81		
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422		
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55		
Total BTEX	<0.300	0.300	01/26/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/26/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 105 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 31 4' (H260475-03)

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	01/26/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/26/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 107 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 34 0.5' (H260475-04)

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	01/26/2026	ND	1.98	99.1	2.00	1.33		
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81		
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422		
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55		
Total BTEX	<0.300	0.300	01/26/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/26/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 108 % 52.4-130

Surrogate: 1-Chlorooctadecane 110 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: BS25 - 35 0.5' (H260475-05)

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	01/26/2026	ND	1.98	99.1	2.00	1.33		
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81		
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422		
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55		
Total BTEX	<0.300	0.300	01/26/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/26/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 110 % 52.4-130

Surrogate: 1-Chlorooctadecane 113 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 21 1.5'-4' (H260475-06)

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	01/26/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/26/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/26/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/26/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/26/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 109 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 22 2'-4' (H260475-07)

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	01/27/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/27/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/27/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/27/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/27/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 23 0'-0.5' (H260475-08)

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	01/27/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/27/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/27/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/27/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/27/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 91.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 24 0'-0.5' (H260475-09)

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	01/27/2026	ND	1.98	99.1	2.00	1.33	
Toluene*	<0.050	0.050	01/27/2026	ND	2.05	103	2.00	1.81	
Ethylbenzene*	<0.050	0.050	01/27/2026	ND	2.09	105	2.00	0.422	
Total Xylenes*	<0.150	0.150	01/27/2026	ND	6.25	104	6.00	1.55	
Total BTEX	<0.300	0.300	01/27/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/26/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 95.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/27/2026	Sampling Type:	Soil
Project Name:	HAWK 35 FED CTB	Sampling Condition:	Cool & Intact
Project Number:	24E - 03931	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO.		

Sample ID: WS 25 - 25 0'-0.5' (H260475-10)

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	01/27/2026	ND	1.98	99.1	2.00	1.33		
Toluene*	<0.050	0.050	01/27/2026	ND	2.05	103	2.00	1.81		
Ethylbenzene*	<0.050	0.050	01/27/2026	ND	2.09	105	2.00	0.422		
Total Xylenes*	<0.150	0.150	01/27/2026	ND	6.25	104	6.00	1.55		
Total BTEX	<0.300	0.300	01/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/26/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex (Direct bill to EOG) Project Manager: Chance Dixon Address: 3101 Boyd Dr. City: Carlsbad State: NM Zip: 88220 Phone #: 575-725-5001 Fax #: _____ Project #: 24E-03931 Project Owner: Project Name: Hawk 35 Federal CTB Project Location: Lea County Sampler Name: J. Lewis FOR LAB USE ONLY		BILL TO P.O. #: _____ Company: EOG Attn: Chase Settle Address: 5509 Champions City: Midland State: TX Zip: 79706 Phone #: 575-703-6537 Fax #: _____	
Lab I.D. Sample I.D.		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
(G)RAB OR (C)OMP. # CONTAINERS DATE TIME		PRESERV. SAMPLING	
1 BTEX : 8021 2 TPH : 8015 (GRO/DRO/MRO) 3 Chloride			
4 5 6 7 8 9 10			
11 12 13 14 15			
16 17 18 19 20			
21 22 23 24 25			

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Relinquished By: _____ Date: 1-25-26
 Received By: _____ Date: 1-25-26

Delivered By: (Circle One) Observed Temp. °C: 42.5 Corrected Temp. °C: 41.3
 Sampler - UPS - Bus - Other: _____

Sample Condition: Cool Intact Yes No
 Checked By: _____

REMARKS: Direct bill to EOG
 Turnaround Time: Standard Rush
 Thermometer ID #140
 Correction Factor 4.5°C #0.148 hr
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Observed Temp. °C: _____ Corrected Temp. °C: _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: cdixon@vertexresource.com
 per:an@vertexresource.com

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 23, 2026

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: HAWK 35 FED CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/23/26 11:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
--	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS25 - 02 2.25'	H261018-01	Soil	21-Feb-26 09:00	23-Feb-26 11:55
BS25 - 03 2.75'	H261018-02	Soil	21-Feb-26 09:05	23-Feb-26 11:55
BS25 - 05 2.75'	H261018-03	Soil	21-Feb-26 09:10	23-Feb-26 11:55
BS25 - 06 2.75'	H261018-04	Soil	21-Feb-26 09:15	23-Feb-26 11:55
BS25 - 22 2.75'	H261018-05	Soil	21-Feb-26 09:20	23-Feb-26 11:55
BS25 - 36 2.75'	H261018-06	Soil	21-Feb-26 09:25	23-Feb-26 11:55
BS25 - 37 2.75'	H261018-07	Soil	21-Feb-26 09:30	23-Feb-26 11:55

CASE NARRATIVE:

No lot numbers on sample containers for traceability.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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**BS25 - 02 2.25'
H261018-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	176		16.0	mg/kg	4	6022356	AC	23-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022032	JH	23-Feb-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.3 %		70.4-141	6022032	JH	23-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	

Surrogate: 1-Chlorooctane			84.7 %		52.4-130	6022037	JF	23-Feb-26	8015B	
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Surrogate: 1-Chlorooctadecane			83.3 %		39.9-141	6022037	JF	23-Feb-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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BS25 - 03 2.75'
H261018-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	6022356	AC	23-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022032	JH	23-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %	70.4-141		6022032	JH	23-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.0 %	52.4-130		6022037	JF	23-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.0 %	39.9-141		6022037	JF	23-Feb-26	8015B	
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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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BS25 - 05 2.75'
H261018-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	6022356	AC	23-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022032	JH	23-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.1 %	70.4-141		6022032	JH	23-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022037	JF	23-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.9 %	52.4-130		6022037	JF	23-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.0 %	39.9-141		6022037	JF	23-Feb-26	8015B	
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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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BS25 - 06 2.75'
H261018-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	6022356	AC	23-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022032	JH	23-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.7 %		70.4-141	6022032	JH	23-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.0 %		52.4-130	6022038	JF	23-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.3 %		39.9-141	6022038	JF	23-Feb-26	8015B	
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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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BS25 - 22 2.75'
H261018-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	6022356	AC	23-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022032	JH	23-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.6 %	70.4-141		6022032	JH	23-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			64.6 %	52.4-130		6022038	JF	23-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			62.8 %	39.9-141		6022038	JF	23-Feb-26	8015B	
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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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BS25 - 36 2.75'
H261018-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	176		16.0	mg/kg	4	6022356	AC	23-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022032	JH	23-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.9 %		70.4-141	6022032	JH	23-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022038	JF	23-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.6 %		52.4-130	6022038	JF	23-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.9 %		39.9-141	6022038	JF	23-Feb-26	8015B	
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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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BS25 - 37 2.75'
H261018-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	160		16.0	mg/kg	4	6022356	AC	23-Feb-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6022032	JH	23-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6022032	JH	23-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.2 %		70.4-141	6022032	JH	23-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6022039	JF	23-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6022039	JF	23-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6022039	JF	23-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.0 %		52.4-130	6022039	JF	23-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.2 %		39.9-141	6022039	JF	23-Feb-26	8015B	
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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6022356 - 1:4 DI Water										
Blank (6022356-BLK1)										
Prepared & Analyzed: 23-Feb-26										
Chloride	ND	16.0	mg/kg							
LCS (6022356-BS1)										
Prepared & Analyzed: 23-Feb-26										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6022356-BSD1)										
Prepared & Analyzed: 23-Feb-26										
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6022032 - Volatiles

Blank (6022032-BLK1)

Prepared: 20-Feb-26 Analyzed: 23-Feb-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		94.4	70.4-141			

LCS (6022032-BS1)

Prepared: 20-Feb-26 Analyzed: 23-Feb-26

Benzene	1.96	0.050	mg/kg	2.00		98.2	71-111			
Toluene	1.76	0.050	mg/kg	2.00		87.8	75-116			
Ethylbenzene	1.71	0.050	mg/kg	2.00		85.6	74.2-119			
m,p-Xylene	3.32	0.100	mg/kg	4.00		83.0	72.5-123			
o-Xylene	1.65	0.050	mg/kg	2.00		82.7	70.5-124			
Total Xylenes	4.98	0.150	mg/kg	6.00		82.9	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0453		mg/kg	0.0500		90.6	70.4-141			

LCS Dup (6022032-BSD1)

Prepared: 20-Feb-26 Analyzed: 23-Feb-26

Benzene	1.94	0.050	mg/kg	2.00		96.9	71-111	1.31	17.6	
Toluene	1.72	0.050	mg/kg	2.00		86.1	75-116	2.00	14.8	
Ethylbenzene	1.68	0.050	mg/kg	2.00		84.2	74.2-119	1.60	14.2	
m,p-Xylene	3.26	0.100	mg/kg	4.00		81.6	72.5-123	1.71	13.6	
o-Xylene	1.63	0.050	mg/kg	2.00		81.7	70.5-124	1.20	13.7	
Total Xylenes	4.90	0.150	mg/kg	6.00		81.7	72.2-123	1.54	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0455		mg/kg	0.0500		91.1	70.4-141			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6022037 - General Prep - Organics

Blank (6022037-BLK1)		Prepared: 20-Feb-26 Analyzed: 23-Feb-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	42.3		mg/kg	50.0		84.6	52.4-130			
Surrogate: 1-Chlorooctadecane	41.7		mg/kg	50.0		83.4	39.9-141			

LCS (6022037-BS1)		Prepared: 20-Feb-26 Analyzed: 23-Feb-26								
GRO C6-C10	211	10.0	mg/kg	200		106	78.7-123			
DRO >C10-C28	183	10.0	mg/kg	200		91.5	74.8-123			
Total TPH C6-C28	394	10.0	mg/kg	400		98.5	78.6-121			
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.2	52.4-130			
Surrogate: 1-Chlorooctadecane	47.3		mg/kg	50.0		94.6	39.9-141			

LCS Dup (6022037-BSD1)		Prepared: 20-Feb-26 Analyzed: 23-Feb-26								
GRO C6-C10	211	10.0	mg/kg	200		106	78.7-123	0.119	11.3	
DRO >C10-C28	186	10.0	mg/kg	200		92.8	74.8-123	1.46	10.9	
Total TPH C6-C28	397	10.0	mg/kg	400		99.2	78.6-121	0.742	10.5	
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.1	52.4-130			
Surrogate: 1-Chlorooctadecane	47.3		mg/kg	50.0		94.6	39.9-141			

Batch 6022038 - General Prep - Organics

Blank (6022038-BLK1)		Prepared: 20-Feb-26 Analyzed: 23-Feb-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.3	52.4-130			
Surrogate: 1-Chlorooctadecane	40.9		mg/kg	50.0		81.7	39.9-141			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6022038 - General Prep - Organics

LCS (6022038-BS1)		Prepared: 20-Feb-26 Analyzed: 23-Feb-26								
GRO C6-C10	193	10.0	mg/kg	200		96.7	78.7-123			
DRO >C10-C28	215	10.0	mg/kg	200		107	74.8-123			
Total TPH C6-C28	408	10.0	mg/kg	400		102	78.6-121			
Surrogate: 1-Chlorooctane	46.3		mg/kg	50.0		92.6	52.4-130			
Surrogate: 1-Chlorooctadecane	46.8		mg/kg	50.0		93.7	39.9-141			

LCS Dup (6022038-BS1)		Prepared: 20-Feb-26 Analyzed: 23-Feb-26								
GRO C6-C10	194	10.0	mg/kg	200		97.0	78.7-123	0.274	11.3	
DRO >C10-C28	214	10.0	mg/kg	200		107	74.8-123	0.443	10.9	
Total TPH C6-C28	408	10.0	mg/kg	400		102	78.6-121	0.102	10.5	
Surrogate: 1-Chlorooctane	46.4		mg/kg	50.0		92.7	52.4-130			
Surrogate: 1-Chlorooctadecane	47.7		mg/kg	50.0		95.3	39.9-141			

Batch 6022039 - General Prep - Organics

Blank (6022039-BLK1)		Prepared: 20-Feb-26 Analyzed: 23-Feb-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	38.4		mg/kg	50.0		76.9	52.4-130			
Surrogate: 1-Chlorooctadecane	37.7		mg/kg	50.0		75.4	39.9-141			

LCS (6022039-BS1)		Prepared: 20-Feb-26 Analyzed: 23-Feb-26								
GRO C6-C10	188	10.0	mg/kg	200		93.9	78.7-123			
DRO >C10-C28	197	10.0	mg/kg	200		98.7	74.8-123			
Total TPH C6-C28	385	10.0	mg/kg	400		96.3	78.6-121			
Surrogate: 1-Chlorooctane	44.5		mg/kg	50.0		89.1	52.4-130			
Surrogate: 1-Chlorooctadecane	44.2		mg/kg	50.0		88.4	39.9-141			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: HAWK 35 FED CTB Project Number: 24E-03931 Project Manager: CHANCE DIXON Fax To: NA	Reported: 23-Feb-26 15:50
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6022039 - General Prep - Organics

LCS Dup (6022039-BSD1)

Prepared: 20-Feb-26 Analyzed: 23-Feb-26

GRO C6-C10	188	10.0	mg/kg	200		93.8	78.7-123	0.174	11.3	
DRO >C10-C28	200	10.0	mg/kg	200		99.8	74.8-123	1.05	10.9	
Total TPH C6-C28	387	10.0	mg/kg	400		96.8	78.6-121	0.457	10.5	
Surrogate: 1-Chlorooctane	44.1		mg/kg	50.0		88.3	52.4-130			
Surrogate: 1-Chlorooctadecane	43.5		mg/kg	50.0		87.0	39.9-141			

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Notes and Definitions

- 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

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2328 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resources Inc)

Project Manager: Chance Dixon

Address: 3101 Boyd Drive

City: Carlsbad State: NM Zip: 88220

Phone #: 575.725.5001 Fax #: 575.725.5001

Project #: 24E-03931 Project Owner: EOG

Project Name: Hawk 35 Federal CTB State: TX Zip: 79706

Project Location: Phone #: 575-703-6537 Fax #:

Sampler Name: J. Rewis

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE					
1	BS25-02 2.25'	C	1	X							2.21.26	9:00	X	X	X
2	BS25-03 2.75'	C	1	X							2.21.26	9:05	X	X	X
3	BS25-05 2.75'	C	1	X							2.21.26	9:10	X	X	X
4	BS25-06 2.75'	C	1	X							2.21.26	9:15	X	X	X
5	BS25-22 2.75'	C	1	X							2.21.26	9:20	X	X	X
6	BS25-36 2.75'	C	1	X							2.21.26	9:25	X	X	X
7	BS25-37 2.75'	C	1	X							2.21.26	9:30	X	X	X

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NO labels

Relinquished By: [Signature]

Received By: [Signature]

Date: 2.23.26

Time: 1:55

Observed Temp. °C: 17.1

Corrected Temp. °C: 1.8

Sample Condition: Cool Intact No

Checked By: [Signature]

Thermometer ID: #140 TO.I.C. Same Day

Correction Factor: -0.4°C

Standard Bacteria (only) Sample Condition

Thermometer ID: [Blank]

Correction Factor: [Blank]

Standard Bacteria (only) Sample Condition

Thermometer ID: [Blank]

Correction Factor: [Blank]

Standard Bacteria (only) Sample Condition

FORM-006 R 3.2 10/07/21

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Phone: (505) 476-3441

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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 564121

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 564121
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2526948722
Incident Name	NAPP2526948722 HAWK 35 FEDERAL CTB @ A-35-24S-33E
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	HAWK 35 FEDERAL CTB
Date Release Discovered	08/20/2024
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 25 BBL Recovered: 20 BBL Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 564121

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 564121
	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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 03/18/2026
--	--

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Phone: (505) 476-3441

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 564121

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 564121
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	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	Greater than 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	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	8900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	180
GRO+DRO (EPA SW-846 Method 8015M)	97
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	10/13/2025
On what date will (or did) the final sampling or liner inspection occur	11/12/2025
On what date will (or was) the remediation complete(d)	11/12/2025
What is the estimated surface area (in square feet) that will be reclaimed	13000
What is the estimated volume (in cubic yards) that will be reclaimed	800
What is the estimated surface area (in square feet) that will be remediated	13000
What is the estimated volume (in cubic yards) that will be remediated	800

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

QUESTIONS, Page 4

Action 564121

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 564121
	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	fJEG1635837366 OWL LANDFILL JAL
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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 03/18/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 564121

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 564121
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 564121

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 564121
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	555811
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/21/2026
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	2000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	11297
What was the total volume (cubic yards) remediated	1620
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	11297
What was the total volume (in cubic yards) reclaimed	1620
Summarize any additional remediation activities not included by answers (above)	Site was remediated to reclamation standards set forth in 19.15.29.13 NMAC.

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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 03/18/2026
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QUESTIONS, Page 7

Action 564121

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 564121
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	2392
What was the total volume of replacement material (in cubic yards) for this site	350
<i>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.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	03/11/2026
Summarize any additional reclamation activities not included by answers (above)	The off pad area was backfilled with non-waste containing topsoil and the area was reseeded with BLM #2 seed mixture
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 03/18/2026

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Action 564121

QUESTIONS (continued)

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	Action Number: 564121
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 564121

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 564121
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	3/27/2026
michael.buchanan	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC.	3/27/2026
michael.buchanan	It is noted that EOG Resources did not provide adequate sampling notifications for multiple dates, which include sampling on 11/11/2025, 01/31/2026, 02/14/2026 and 02/21/2026. Each of the aforementioned dates either fell on a federal holiday or on a weekend. Future notifications which are not in compliance may result in the entire report being rejected. Ensure these are appropriately submitted per 19.15.29 NMAC in the future.	3/27/2026
michael.buchanan	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	3/27/2026