



Incident ID: nAPP2427862444

Release Assessment and Closure

Snapping 10 Federal #003H

Section 10, Township 26 South, Range 31 East

API: 30-015-39866

County: Eddy

Vertex File Number: 24E-04518

Prepared for:

Devon Energy Production Company, LP

Prepared by:

Vertex Resource Services Inc.

Date:

December 2025

Devon Energy Production Company, LP
Snapping 10 Federal #003H

Release Assessment and Closure
December 2025

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Snapping 10 Federal #003H
Section 10, Township 26 South, Range 31 East
API: 30-015-39866
County: Eddy

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December 9, 2025

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December 9, 2025

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1.0 Introduction

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for a crude oil release that occurred on October 4, 2024, at Snapping 10 Federal #003H API 30-015-39866 (hereafter referred to as the “site”). Devon submitted an initial C-141 Release to New Mexico Oil Conservation Division (NMOCD) District 2 on October 9, 2024. Incident ID nAPP2427862444 was assigned to this incident.

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

2.0 Incident Description

The release occurred on October 4, 2024, due to a well kick damaging the stuffing box on the well. The incident was reported on October 4, 2024, and involved the release of approximately 20 barrels (bbl) of crude oil onto the pad surface. Approximately 10 bbl of free fluid was removed during initial clean-up. Additional details relevant to the release are presented in the C-141 Report.

3.0 Site Characteristics

The site is located approximately 25 miles southeast of Loving, New Mexico. The legal location for the site is Section 10, Township 26 South and Range 31 East in Eddy 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 the constructed pad (Figure 1).

The Geological Map of New Mexico indicates the site’s surface geology primarily comprises Qep – eolian and piedmont deposits (New Mexico Bureau of Geology and Mineral Resources, 2025). The karst geology potential for the site is medium (United States Department of the Interior, Bureau of Land Management, 2018). The surrounding landscape is associated with plains and alluvial fans with elevations ranging between 1,800 and 5,000 feet. The climate is semiarid with average annual precipitation ranging between 7 and 20 inches. Predominant soil textures on the site are well drained gravelly fine sandy loams with an indurated horizon below the surface. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be grasses with occasional shrubs (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Limited to no vegetation is allowed to grow on the compacted production pad, right-of-way and access road.

4.0 Closure Criteria Determination

The depth to groundwater was determined by drilling an exploratory borehole permitted by the New Mexico Office of the State Engineer (NMOSE) within a 0.5 mile radius of the site. The borehole was advanced to a depth of 105 feet on the northwest corner of the pad. The borehole was left to recover per the requirements on the WR-07 Application for Permit to Drill a Well with No Water Rights, and an interface probe was utilized to determine whether groundwater was present at the conclusion of the 72-hour recovery period. No water was found to be present at that time. The borehole was plugged and abandoned according to the WR-08 permit, Well Plugging Plan of Operations, filed with NMOSE. The exploratory borehole C 04966 POD1 was drilled on the site pad along the north edge of the release area. The point of diversion was filed with the Office of the State Engineer with erroneous coordinates. The corrected location map is included in Appendix A. Additional documentation related to the exploratory borehole and information pertaining to the depth to ground water determination is also included in Appendix A. Daily Field Reports and site photographs associated with depth to groundwater measurements are included in Appendix B.

The karst geology at the site is classified as medium by the NMOCD karst occurrence potential map. Notice of medium karst being regulated as an unstable zone became effective after the release occurred. As such, the medium karst at this location would be classified as a stable zone and not affect depth to groundwater consideration.

The nearest active well to the site is a livestock water well 0.38 miles to the northeast. 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 1.72 miles north-northeast of the site (United States Fish and Wildlife Service, 2025). 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.

Devon Energy Production Company, LP
Snapping 10 Federal #003H

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Table 1. Closure Criteria Determination			
Site Name: Snapping 10 Federal #003H			
Spill Coordinates: 32.050705,-103.767395		X: 616366	Y: 3546720
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	>100	feet
	Distance between release and nearest DTGW reference	0	feet
		0.00	miles
	Date of nearest DTGW reference measurement	June 9, 2025	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	9,100	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	5,379	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	32,214	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	2,016	feet
	ii) Within 1000 feet of any fresh water well or spring	2,016	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	5,379	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	116,370	feet
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
	Distance between release and nearest unstable area	48,002	feet
10	Within a 100-year Floodplain	>500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	3,235	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	>100'	<50' 51-100' >100'

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

Table 2. Closure Criteria for Soils Impacted by a Release		
Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
> 100 feet	Chloride	20,000 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

5.0 Remedial Actions Taken

Characterization of the release area on the pad around the wellhead was completed by Vertex between October 14, 2024, and February 14, 2025, including vertical and horizontal delineation. The total impacted area was initially determined to be 16,506 square feet. The Daily Field Reports associated with the site visits are included in Appendix B. Characterization sample locations and approximate release area are presented on Figure 1. Characterization field screening and laboratory results are summarized in Table 3.

Remediation efforts began on September 15, 2025, and were finalized on September 19, 2025. Vertex personnel supervised the excavation of impacted soils to closure criteria. Field screening consisted of analysis using a Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and an electroconductivity meter (chloride). Field screening results were used to identify areas requiring further remediation. Soils were removed to depths between 0.5 and 1.5 feet below ground surface (bgs). Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Daily Field Reports documenting the results of the remediation are presented in Appendix B.

On August 11, 2025, Vertex requested a variance for confirmation samples to represent increments of 400 square feet over the undisturbed impacted area. The variance was approved on August 12, 2025, and is included in Appendix C. Notification that confirmation samples were being collected was provided to the NMOCD. Confirmation 5-point composite samples collected from the surface of the undisturbed impacted areas of the pad were collected in increments no greater than 400 square feet per the approved variance. A total of 14 confirmation base samples were collected from the approximate 4,991 square feet of undisturbed impact area. Confirmation 5-point composite samples were collected from the base and walls of the excavation in increments no greater than 200 square feet. The areas of the excavation bases and walls were approximately 13,145 and 949 square feet, respectively. A total of 67 excavation base samples and eight excavation wall samples were collected for laboratory analysis following NMOCD soil sampling procedures. A composite sample of the backfill material was collected on November 19, 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). Laboratory results are presented in Table 4, and the laboratory data reports are included in Appendix D. Confirmation sample locations are presented on Figure 2. All final confirmation samples collected and analyzed were below closure criteria for the site.

Upon completion of remedial actions, approximately 13,145 square feet and 477 cubic yards of the pad surface was remediated to closure criteria. All confirmation samples collected from the remediation area were below closure criteria. Surface confirmation samples from the undisturbed release area met closure criteria. At time of facility decommissioning and deconstruction, the remediation depth of the total impact area is estimated to be 4 feet bgs to meet NMOCD requirements for reclamation. The total impact area includes the excavation and undisturbed areas and covers approximately 18,136 square feet. The estimated volume of soil remaining to be removed to meet reclamation standards is 2,687 cubic yards. The remediation areas, undisturbed impact areas and corresponding confirmation sampling locations are shown on Figure 2.

6.0 Closure Request

Vertex recommends no additional remediation action to address the release at Snapping 10 Federal #003H. Laboratory analyses of the final confirmatory samples showed constituent of concern concentration levels below NMOCD remediation closure criteria for areas where depth to groundwater is greater than 100 feet bgs as shown in Table 2. There are no anticipated risks to human, ecological or hydrological receptors associated with the release sites. 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.

Devon Energy Production Company, LP, requests that incident nAPP2427862444 be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. Devon 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 October 4, 2024, release at Snapping 10 Federal #003H.

Should you have any questions or concerns, please do not hesitate to contact the Project Manager Kent Stallings at 346.814.1413 or kstallings@vertexresource.com

Devon Energy Production Company, LP
Snapping 10 Federal #003H

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7.0 References

- Google Inc. (2025). *Google Earth Pro (Version 7.3.3)* [Software]. Retrieved from <https://earth.google.com>
- New Mexico Bureau of Geology and Mineral Resources. (2025). *Interactive Geologic Map*. Retrieved from <https://maps.nmt.edu/>
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Devon Energy Production Company, LP
Snapping 10 Federal #003H

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8.0 Limitations

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

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

FIGURES



◆ Borehole Release Area (~16,506 sq.ft.)



0 25 50 ft
NAD 1983 UTM Zone 13N
Date: Mar 12/25

Map Center:
Lat/Long
32.050628° -103.767348°



Characterization Sampling Site Schematic Snapping 10 Federal #003H

FIGURE:

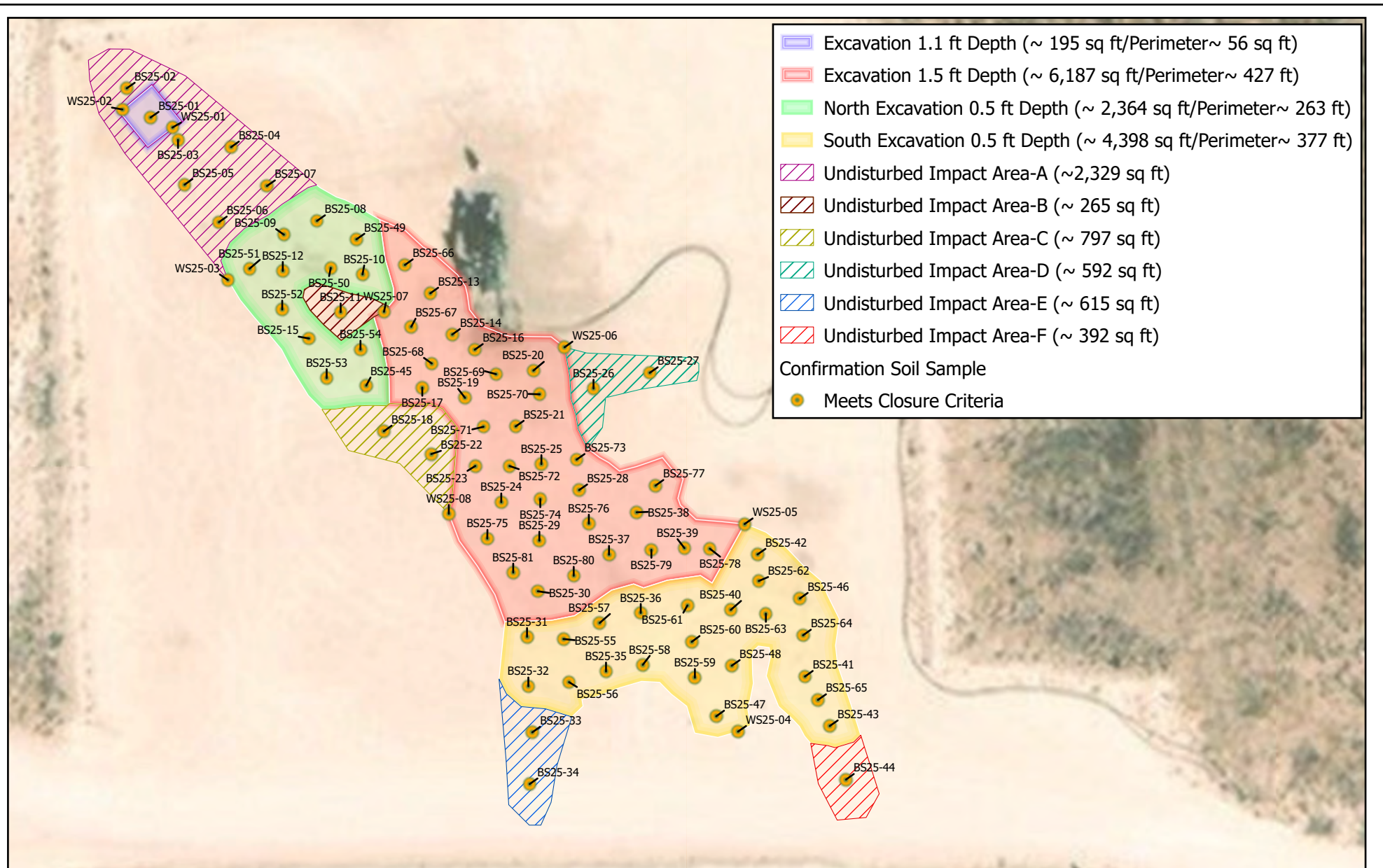
1



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, 2022. Approximate site boundary from sketch by Vertex Professional Services Ltd. (Vertex), 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



Map Center:
Lat/Long: 32.050582°N, 103.767154°W
Date: Oct 02/25
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet



**Confirmation Sample Locations
Snapping 10 Federal #003H**

FIGURE:

2



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.

VERSATILITY. EXPERTISE.

TABLES

Client Name: Devon Energy Production Company, LP
 Site Name: Snapping 10 Federal #003H
 NMOC Tracking #: nAPP2427862444
 Project #: 23E-04518
 Lab Reports: 01058-0007, 885-13995, and 885-20056

Table 3. Initial Characterization Sample Laboratory Results

Table 3. Initial Characterization Sample Laboratory Results											
Sample Description			Petroleum Hydrocarbons								Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable						
			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 >100 feet bgs											
BH24-01	1	October 31, 2024	ND	ND	ND	545	331	545	876	3,700	
	2	February 12, 2025	ND	ND	ND	ND	ND	ND	ND	2,800	
	4	February 12, 2025	ND	ND	ND	84	ND	84	84	1,600	
	6	February 12, 2025	ND	ND	ND	53	ND	53	53	470	
BH24-02	1	October 31, 2024	ND	ND	ND	ND	ND	ND	ND	1,150	
	1.5	October 31, 2024	ND	ND	ND	ND	ND	ND	ND	662	
	4	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	64	
BH24-03	1	October 14, 2024	ND	ND	ND	44	ND	44	44	160	
BH24-04	1.5	October 14, 2024	ND	ND	ND	ND	ND	ND	ND	ND	
BH24-05	1	October 14, 2024	ND	ND	ND	44	ND	44	44	100	
BH24-06	1	October 14, 2024	ND	ND	ND	ND	ND	ND	ND	60	
BH24-07	1	October 31, 2024	ND	ND	ND	1,820	3,560	1,820	5,380	638	
	2	February 12, 2025	ND	ND	ND	ND	ND	ND	ND	500	
	4	February 12, 2025	ND	ND	ND	ND	ND	ND	ND	620	
BH24-08	1	October 14, 2024	ND	ND	ND	ND	ND	ND	ND	100	
BH24-09	1.5	October 31, 2024	ND	ND	ND	ND	ND	ND	ND	545	
BH24-10	1	October 31, 2024	ND	ND	ND	ND	ND	ND	ND	4,960	
	2	February 12, 2025	ND	ND	ND	ND	ND	ND	ND	1,800	
	4	February 12, 2025	ND	ND	ND	ND	ND	ND	ND	670	
	6	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	420	
BH24-11	0	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	410	
	1	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	350	
BH24-12	1	October 31, 2024	ND	ND	ND	31.7	ND	31.7	31.7	ND	
BH24-13	0	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	410	
	1	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	250	
	2	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	ND	
BH24-14	1	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	360	
BH24-15	0	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	130	
	1	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	120	
	2	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	ND	
BH24-16	1	October 14, 2024	ND	ND	ND	ND	ND	ND	ND	65	
BH24-17	1.5	October 14, 2024	ND	ND	ND	ND	ND	ND	ND	63	
BH24-18	1	October 15, 2024	ND	ND	ND	ND	ND	ND	ND	60	
BH24-19	0	October 16, 2024	ND	ND	ND	ND	ND	ND	ND	1,700	
	1	October 16, 2024	ND	ND	ND	ND	ND	ND	ND	200	
BH24-20	0	October 16, 2024	ND	ND	ND	ND	ND	ND	ND	110	
	1	October 16, 2024	ND	ND	ND	ND	ND	ND	ND	87	

Client Name: Devon Energy Production Company, LP
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Table 3. Initial Characterization Sample Laboratory Results										
Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)			
Depth to Groundwater >100 feet bgs										
BH24-21	0	October 16, 2024	ND	ND	ND	110	80	110	190	490
	1	October 16, 2024	ND	ND	ND	ND	ND	ND	ND	360
	1.5	October 16, 2024	ND	ND	ND	ND	ND	ND	ND	190
BH24-22	0	October 16, 2024	ND	ND	ND	10	ND	10	10	190
	1	October 16, 2024	ND	ND	ND	ND	ND	ND	ND	230
BH25-23	0	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	980
	2	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	430
BH25-24	0	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	1,100
	2	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	1,300
BH25-25	0	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	1,300
	2	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	600
BH24-26	0	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	330
	1	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	430
BH25-27	0	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	160
	2	February 14, 2025	ND	ND	ND	ND	ND	ND	ND	75

"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

Client Name: Devon Energy Production Company, LP

Site Name: Snapping 10 Federal #003H

NMOCD Tracking #: nAPP2427862444

Project #: 24E-04518

Lab Reports: 885-31297, 885-31488, 885-34379, 885-34380, 885-34698, 885-36389 and 885-38103-1

Table 4. Confirmation Sample Laboratory Results

Table 4. Confirmation Sample Laboratory Results													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic Chloride Concentration
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (Petroflag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Depth to Groundwater >100 feet bgs													
BS25-01	1.1	August 14, 2025	-	-	4,664	ND	ND	ND	ND	ND	ND	ND	1,600
BS25-02	0	August 14, 2025	-	-	6,673	ND	ND	ND	210	ND	210	210	4,100
BS25-03	0	August 14, 2025	-	-	3,064	ND	ND	ND	33	ND	33	33	340
BS25-04	0	August 14, 2025	-	-	2,823	ND	ND	ND	870	260	870	1130	670
BS25-05	0	August 14, 2025	-	657	2,838	ND	ND	ND	740	560	740	1300	260
BS25-06	0	August 14, 2025	-	-	2,443	ND	ND	ND	39	ND	39	39	760
BS25-07	0	August 14, 2025	-	838	571	ND	ND	ND	1,500	1,100	1,500	2,600	61
	0	September 26, 2025	-	323	13,548	ND	ND	ND	80	ND	80	80	6,600
BS25-08	0.5	September 24, 2025	-	411	3,277	ND	ND	ND	99	ND	99	99	2,700
BS25-09	0.5	September 24, 2025	-	319	5,011	ND	ND	ND	47	ND	47	47	6,100
BS25-10	0.5	September 24, 2025	-	835	2,538	ND	ND	ND	900	650	900	1550	2,200
BS25-11	0	August 14, 2025	-	2,500	2,039	ND	ND	ND	560	390	560	950	530
BS25-12	0.5	September 24, 2025	-	594	7,643	ND	ND	ND	420	190	420	610	7,300
BS25-13	1.5	September 26, 2025	-	132	3,103	ND	ND	ND	ND	ND	ND	ND	1,300
BS25-14	1.5	September 24, 2025	-	650	6,975	ND	ND	ND	460	320	460	780	7,700
BS25-15	0.5	September 24, 2025	-	485	7,116	ND	ND	ND	300	230	300	530	5,600
BS25-16	1.5	September 24, 2025	-	533	5,695	ND	ND	ND	110	ND	110	110	4,500
BS25-17	1.5	September 24, 2025	-	419	3,838	ND	ND	ND	26	ND	26	26	3,300
BS25-18	0	August 14, 2025	-	550	3,160	ND	ND	ND	890	940	890	1830	510
BS25-19	1.5	September 24, 2025	-	748	4,907	ND	ND	ND	140	150	140	290	5,000
BS25-20	1.5	September 24, 2025	-	85	5,369	ND	ND	ND	20	ND	20	20	2,800
BS25-21	1.5	September 24, 2025	-	262	2,991	ND	ND	ND	33	ND	33	33	1,800
BS25-22	0	August 14, 2025	-	968	3,377	ND	ND	ND	11	ND	11	11	590
BS25-23	1.5	September 24, 2025	-	440	2,991	ND	ND	ND	100	ND	100	100	2,200
BS25-24	1.5	September 24, 2025	-	108	5,369	ND	ND	ND	15	ND	15	15	2,700
BS25-25	1.5	September 24, 2025	-	433	2,843	ND	ND	ND	83	ND	83	83	2,100
BS25-26	0	August 14, 2025	-	-	4,749	ND	ND	ND	83	220	83	303	1,200
BS25-27	0	August 14, 2025	-	-	4,022	ND	ND	ND	94	230	94	324	900
BS25-28	1.5	September 24, 2025	-	320	1,472	ND	ND	ND	44	ND	44	44	890
BS25-29	1.5	September 24, 2025	-	457	2,450	ND	ND	ND	130	ND	130	130	2,400
BS25-30	1.5	September 24, 2025	-	255	3,427	ND	ND	ND	ND	ND	ND	ND	3,600
BS25-31	0.5	September 26, 2025	-	391	8,459	ND	ND	ND	220	170	220	390	3,100
BS25-32	0.5	September 26, 2025	-	147	3,755	ND	ND	ND	33	ND	33	33	430
BS25-33	0	August 15, 2025	-	260	2,978	ND	ND	ND	75	100	75	175	330
BS25-34	0	August 15, 2025	-	184	2,674	ND	ND	ND	32	ND	32	32	270
BS25-35	0.5	September 26, 2025	-	261	4,728	ND	ND	ND	66	ND	66	66	1,200
BS25-36	0.5	September 26, 2025	-	226	8,281	ND	ND	ND	25	ND	25	25	4,300
BS25-37	1.5	September 24, 2025	-	247	2,143	ND	ND	ND	16	ND	16	16	1,400
BS25-38	1.5	September 24, 2025	-	45	829	ND	ND	ND	ND	ND	ND	ND	620
BS25-39	1.5	September 24, 2025	-	246	1,699	ND	ND	ND	43	ND	43	43	1,100
BS25-40	0.5	September 26, 2025	-	267	8,926	ND	ND	ND	35	ND	35	35	4,700
BS25-41	0.5	September 26, 2025	-	120	3,062	ND	ND	ND	ND	ND	ND	ND	220
BS25-42	0.5	September 26, 2025	-	65	3,078	ND	ND	ND	ND	ND	ND	ND	540
BS25-43	0.5	September 26, 2025	-	278	3,316	ND	ND	ND	91	ND	91	91	230
BS25-44	0	August 19, 2025	-	-	3,142	ND	ND	ND	ND	ND	ND	ND	140
BS25-45	0.5	September 26, 2025	-	108	1,300	ND	ND	ND	17	ND	17	17	99
BS25-46	0.5	September 24, 2025	-	765	3,986	ND	ND	ND	720	480	720	1200	2,000
BS25-47	0.5	September 26, 2025	-	474	3,593	ND	ND	ND	180	92	180	272	500
BS25-48	0.5	September 26, 2025	-	213	4,669	ND	ND	ND	31	ND	31	31	1,200
BS25-49	0.5	September 26, 2025	-	38	1,466	ND	ND	ND	ND	ND	ND	ND	410
BS25-50	0.5	September 26, 2025	-	285	4,852	ND	ND	ND	630	310	630	940	2,300
BS25-51	0.5	September 26, 2025	-	76	9,941	ND	ND	ND	ND	ND	ND	ND	5,600
BS25-52	0.5	September 26, 2025	-	491	3,481	ND	ND	ND	600	920	600	1520	1,300
BS25-53	0.5	September 26, 2025	-	112	1,922	ND	ND	ND	11	59	11	70	650
BS25-54	0.5	September 26, 2025	-	169	3,852	ND	ND	ND	14	ND	14	14	660
BS25-55	0.5	September 26, 2025	-	479	5,034	ND	ND	ND	1700	4700	1700	6400	3,400
	0.5	October 27, 2025	-	704	12,450	ND	ND	ND	240	ND	240	240	14,000
BS25-56	0.5	September 26, 2025	-	194	3,956	ND	ND	ND	27	ND	27	27	1,200

Client Name: Devon Energy Production Company, LP

Site Name: Snapping 10 Federal #003H

NMOCD Tracking #: nAPP2427862444

Project #: 24E-04518

Lab Reports: 885-31297, 885-31488, 885-34379, 885-34380, 885-34698, 885-36389 and 885-38103-1

Table 4. Confirmation Sample Laboratory Results													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Depth to Groundwater >100 feet bgs													
BS25-57	0.5	September 26, 2025	-	386	3,113	ND	ND	ND	150	190	150	340	930
BS25-58	0.5	September 26, 2025	-	35	3,264	ND	ND	ND	ND	ND	ND	ND	1,100
BS25-59	0.5	September 26, 2025	-	99	4,477	ND	ND	ND	9.6	ND	9.6	9.6	940
BS25-60	0.5	September 26, 2025	-	22	391	ND	ND	ND	ND	ND	ND	ND	110
BS25-61	0.5	September 26, 2025	-	18	1,417	ND	ND	ND	ND	ND	ND	ND	590
BS25-62	0.5	September 26, 2025	-	49	2,436	ND	ND	ND	ND	ND	ND	ND	660
BS25-63	0.5	October 1, 2025	-	343	4,674	ND	ND	ND	170	140	170	310	650
BS25-64	0.5	October 1, 2025	-	181	3,117	ND	ND	ND	80	91	80	171	100
BS25-65	0.5	October 1, 2025	-	89	3,152	ND	ND	ND	21	ND	21	21	230
BS25-66	1.5	October 1, 2025	-	248	5,444	ND	ND	ND	170	98	170	268	2,900
BS25-67	1.5	October 1, 2025	-	207	9,775	ND	ND	ND	130	120	130	250	6,300
BS25-68	1.5	October 1, 2025	-	132	2,452	ND	ND	ND	41	ND	41	41	1,200
BS25-69	1.5	October 1, 2025	-	249	8,047	ND	ND	ND	93	91	93	184	4,600
BS25-70	1.5	October 1, 2025	-	34	4,270	ND	ND	ND	ND	ND	ND	ND	1,600
BS25-71	1.5	October 1, 2025	-	122	3,097	ND	ND	ND	ND	ND	ND	ND	1,800
BS25-72	1.5	October 1, 2025	-	153	3,938	ND	ND	ND	45	ND	45	45	1,400
BS25-73	1.5	October 1, 2025	-	111	2,118	ND	ND	ND	23	ND	23	23	460
BS25-74	1.5	October 1, 2025	-	136	3,309	ND	ND	ND	16	ND	16	16	1,300
BS25-75	1.5	October 1, 2025	-	132	3,973	ND	ND	ND	10	ND	10	10	590
BS25-76	1.5	October 1, 2025	-	44	1,225	ND	ND	ND	8.8	ND	8.8	8.8	230
BS25-77	1.5	October 1, 2025	-	20	968	ND	ND	ND	ND	ND	ND	ND	190
BS25-78	1.5	October 1, 2025	-	229	2,491	ND	ND	ND	200	130	200	330	1,100
BS25-79	1.5	October 1, 2025	-	146	1,412	ND	ND	ND	38	ND	38	38	550
BS25-80	1.5	October 1, 2025	-	43	3,837	ND	ND	ND	ND	ND	ND	ND	1,400
BS25-81	1.5	October 1, 2025	-	161	4,246	ND	ND	ND	26	ND	26	26	2,000
WS25-01	0-1.1	August 14, 2025	-	-	300	ND	ND	ND	ND	ND	ND	ND	160
WS25-02	0-1.1	August 14, 2025	-	-	320	ND	ND	ND	ND	ND	ND	ND	170
WS25-03	0-0.5	September 26, 2025	-	341	7,952	ND	ND	ND	160	150	160	310	3,800
WS25-04	0-0.5	September 24, 2025	-	660	3,416	ND	ND	ND	420	450	420	870	450
WS25-05	0-1.5	September 26, 2025	-	73	2,059	ND	ND	ND	ND	ND	ND	ND	650
WS25-06	0-1.5	September 24, 2025	-	756	5,143	ND	ND	ND	680	570	680	1250	3,900
WS25-07	0-1.5	September 24, 2025	-	473	4,244	ND	ND	ND	170	420	170	590	2,800
WS25-08	0-1.5	September 24, 2025	-	983	3,378	ND	ND	ND	330	420	330	750	1,900
Backfill	-	November 19, 2025	-	-	-	ND	ND	ND	25	ND	25	25	250

"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 blue shaded indicates re-collected sample results inside NMOCD Reclamation Closure Criteria

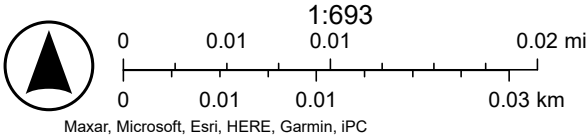
APPENDIX A - Closure Criteria Research Documentation



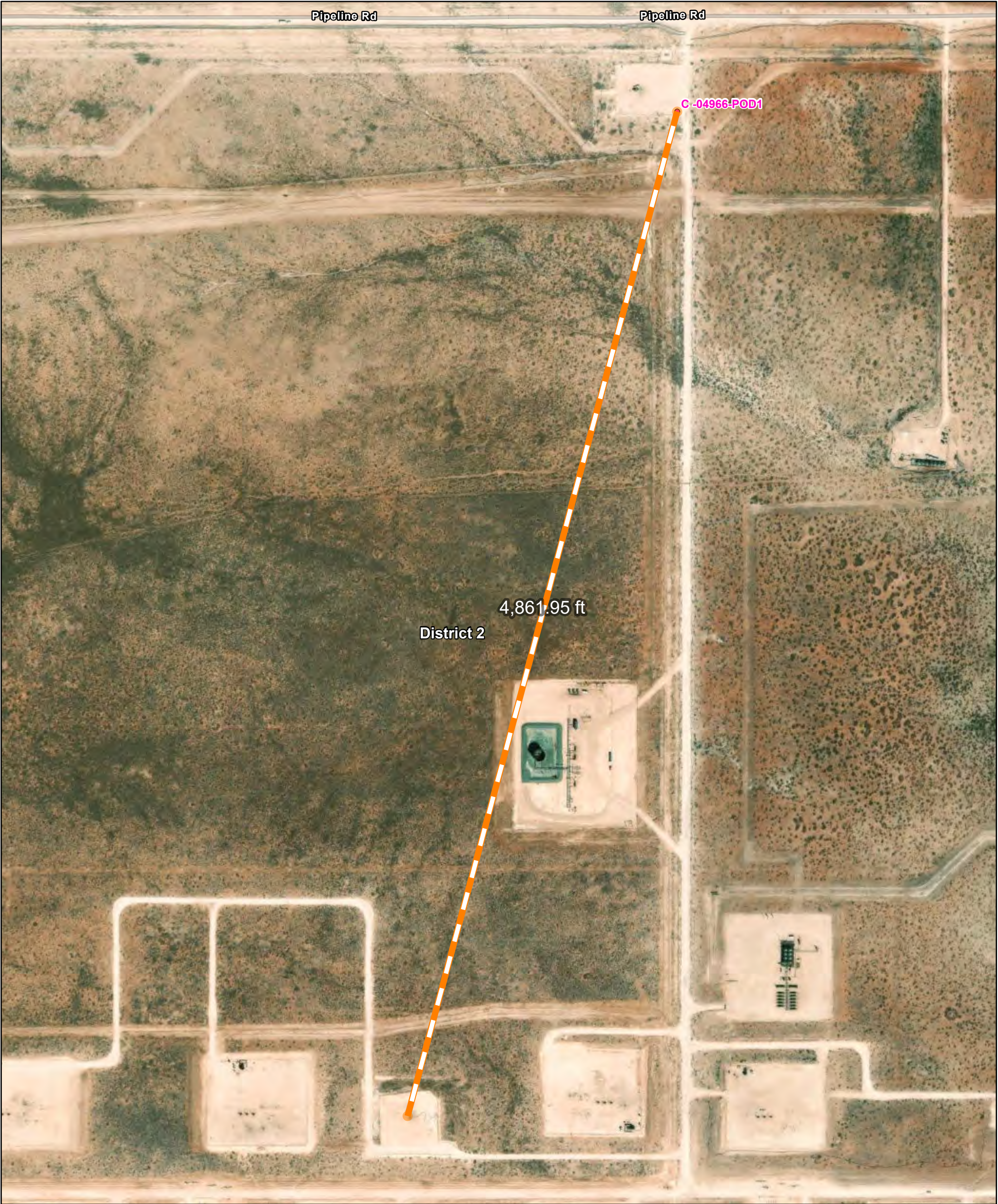
9/29/2025

- World_Boundaries_and_Places
- Points
- Wellhead
- Monitoring Well
- Polygons
- World Imagery

Low Resolution 15m Imagery
High Resolution 60cm Imagery
High Resolution 30cm Imagery
Citations



Incorrect Location C 04966 POD1



9/29/2025, 6:34:57 AM

- Recently Edited PODs
- OSE District Boundary
- World Imagery
- Low Resolution 15m Imagery

- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations
- 1.2m Resolution Metadata

1:6,069

00.050.10.2

00.070.150.3

mi

km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

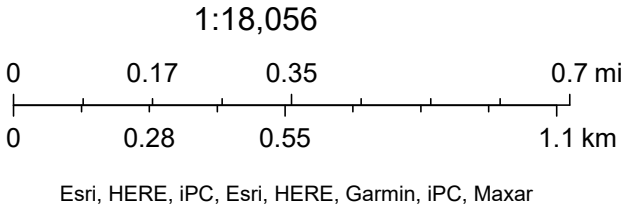
OSE POD 0.5 miles





1/11/2025, 5:11:59 PM

GIS WATERS PODs

- | | | |
|-----------|------------------------------|---------------|
| ● Active | OSE District Boundary | Both Estates |
| ● Pending | Water Right Regulations | NHD Flowlines |
| ● Plugged | Artesian Planning Area | Stream River |
| ● | New Mexico State Trust Lands | |
| | Subsurface Estate | |



Water Column/Average Depth to Water


<div>(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)</div> <div>(R=POD has been replaced, O=orphaned, C=the file is closed)</div> <div>(quarters are smallest to largest)</div> <div>(NAD83 UTM in meters)</div> <div>(In feet)</div> <div>(In feet)</div> <div>(In feet)</div>																			
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column			
C 04700 POD1		CUB	ED	NE	NW	NE	10	26S	31E	616735.9	3548154.5		1481						
C 04966 POD1		CUB	ED	SE	SE	SW	10	26S	31E	616736.2	3548154.5		1481	105					
														Average Depth to Water: 0 feet					
														Minimum Depth: 0 feet					
														Maximum Depth: 0 feet					
<div></div>																			
Record Count: 2																			
UTM Filters (in meters):																			
Easting: 616366																			
Northing: 3546720																			
Radius: 002000																			
* UTM location was derived from PLSS - see Help																			

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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

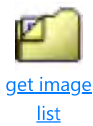
Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04966 POD1	SE	SE	SW	10	26S	31E	616736.2	3548154.5	

* UTM location was derived from PLSS - see [Help](#)

Driller License:	1249	Driller Company:	ATKINS ENGINEERING ASSOC. INC.
Driller Name:	JACKIE D ATKINS		
Drill Start Date:	2025-06-09	Drill Finish Date:	2025-06-09
Log File Date:	2025-07-10	PCW Rcv Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:		Depth Well:	105
		Depth Water:	

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Water Right Summary



WR File Number:	C 04966	Subbasin:	CUB	Cross Reference:
Primary Purpose:	MON MONITORING WELL			
Primary Status:	PMT Permit			
Total Acres:		Subfile:	Header:	
Total Diversion:	0.000	Cause/Case:		
Owner:	VERTEX RESOURCE GROUP	Owner Class:	Agent	
Contact:	KENT STALLINGS			
Owner:	DEVON ENERGY	Owner Class:	User	
Contact:	JIM RALEY			

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
_get images	785748	EXPL	2025-05-19	PMT	APR	C 04966 POD1	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	TwS	Rng	X	Y	Map	Other Location Desc
C 04966 POD1	NA		SE	SE	SW	10	26S	31E	616736.2	3548154.5		SNAPPING 10 FEDERAL 003H

* UTM location was derived from PLSS - see Help

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



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

July 10, 2025

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4966 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4966 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton". The signature is fluid and cursive.

Lucas Middleton

Enclosures: as noted above

DSE DII ROSWELL NM
10 JUL '25 PM2:44



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4966			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-628-7597			
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 3	SECONDS 48.97	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	45	47.88	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SNAPPING 10 FED, NE NW NE Sec.10 T26S R31E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 06/09/2025	DRILLING ENDED 06/09/2025	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 06/17/2025	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER – SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 105		±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

USE ON RUSWELL NM
10 JUL '25 PM2:44

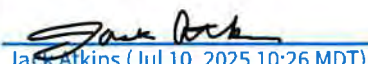
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	6	6	Caliche, semi-consolidated, tan/white	Y ✓ N	
	6	19	13	Sand, fine-grained, with caliche, tan and white	Y ✓ N	
	19	39	10	Sand, fine-grained, clay, tannish brown	Y ✓ N	
	39	69	30	Clay, with fine-grained sand semi-consolidated, Brown	Y ✓ N	
	69	105	36	Clay, Stiff, High plastic, Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Jackie D. Atkins (Jul 10, 2025 10:26 MDT)	Jackie D. Atkins 07/10/2025
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		DATE

OSE DII ROSWELL NW
10 JUL '25 PM 2:44

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04966 POD-1
 Well owner: Devon Energy Phone No.: 575-628-7597
 Mailing address: 5315 Buena Vista Dr.
 City: Carlsbad State: NM Zip code: 88220

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Cameron Pruitt
- 4) Date well plugging began: 06/17/2025 Date well plugging concluded: 06/17/2025
- 5) GPS Well Location: Latitude: 32 deg, 3 min, 48.97 sec
 Longitude: 103 deg, 45 min, 47.88 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
 by the following manner: water level probe
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 05/13/2025
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII ROSWELL NM
 10 JUL '25 PM 2:44

- For each interval plugged, describe within the following columns:**

10 JUL '25 PM 2:44

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

J. Atkins (Jul 19, 2025 10:26 MDT)

07/10/2025

Date _____

2025-07-10-C-4966-WellRecord-packet-forsign

Final Audit Report

2025-07-10

Created:	2025-07-10
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAPjxHmHcr3HRegO7w0SmZiEbPwM8IG0

"2025-07-10-C-4966-WellRecord-packet-forsign" History



Document created by Lucas Middleton (lucas@atkinseng.com)

2025-07-10 - 3:28:21 PM GMT



Document emailed to Jack Atkins (jack@atkinseng.com) for signature

2025-07-10 - 3:28:27 PM GMT



Email viewed by Jack Atkins (jack@atkinseng.com)

2025-07-10 - 4:24:10 PM GMT



Document e-signed by Jack Atkins (jack@atkinseng.com)

Signature Date: 2025-07-10 - 4:26:37 PM GMT - Time Source: server



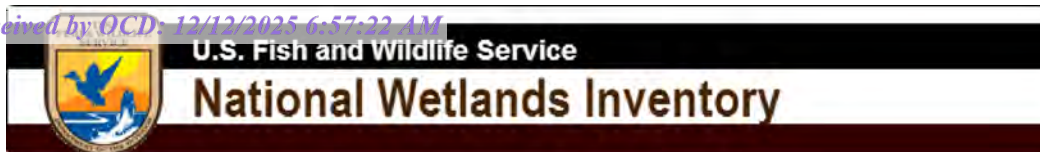
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2025-07-10 - 4:26:37 PM GMT

OSE DII ROSWELL NM
10 JUL '25 PM2:45



Adobe Acrobat Sign



Intermittent 9,100 feet



January 12, 2025

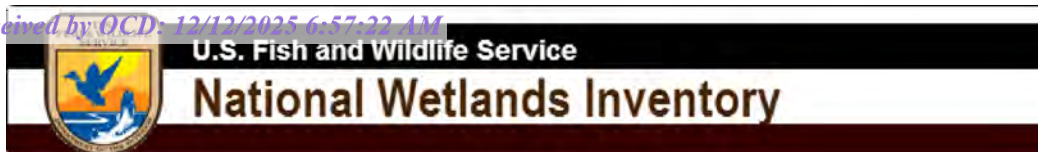
Wetlands

- 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.



Snapping Playa Pond 5,379 ft



October 13, 2024

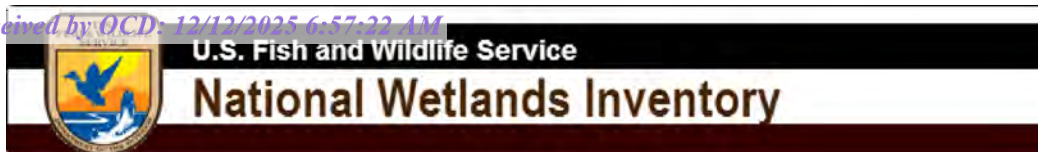
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

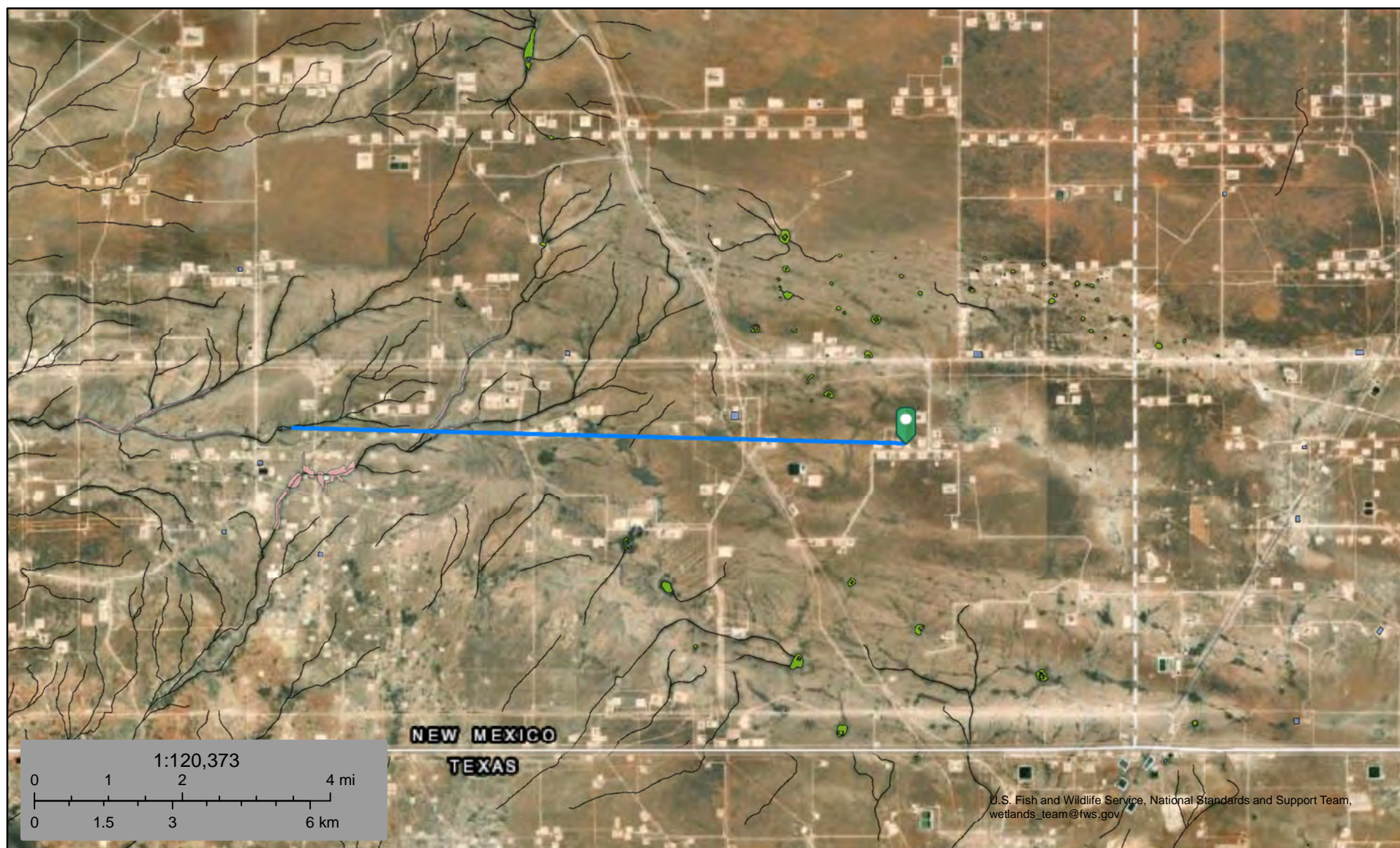
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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Pond 37,200 feet



January 12, 2025

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.

Snapping 10 Federal #003H

Nearest Residence

Legend

-  Nearest Residence 32,214 feet (6.10 miles)
-  Snapping 10 Federal #003H Release

Snapping 10 Federal #003H Release

Google Earth



2 mi

Active & Inactive Points of Diversion
(with Ownership Information)

			(acre ft per annum)						(R=POD has been replaced and no longer serves this file, C=the file is closed)		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)					(NAD83 UTM in meters)		(meters)		
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q64	q16	q4	Sec	Tws	Range	X	Y	Map	Distance
LWD 01187	CUB	PLS	7.800	BUCK & LARUE JACKSON TRUST	ED	LWD 01187 POD1				SE	NW	SE	10	26S	31E	616792.0	3547163.0 *		614.6	
C 04700	CUB	EXP	0.000	DEVON ENERGY	ED	C 04700 POD1	NA			NE	NW	NE	10	26S	31E	616735.9	3548154.5		1,481.4	
C 04966	CUB	MON	0.000	DEVON ENERGY	ED	C 04966 POD1	NA			SE	SE	SW	10	26S	31E	616736.2	3548154.5		1,481.5	
LWD 01186	CUB	PLS	14.000	BUCK & LARUE JACKSON TRUST	ED	LWD 01186 POD1				SE	SE	SE	04	26S	31E	615561.0	3548365.0 *		1,831.4	

Record Count: 4

Filters Applied:

UTM Filters (in meters):

Easting: 616366

Northing: 3546720

Radius: 002000

Sorted By: Distance

* UTM location was derived from PLSS - see Help

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

9/29/25 6:20 AM MST

Active & Inactive Points of Diversion

Water Right Summary



[get image](#)
[list](#)

WR File Number:	LWD 01187	Subbasin:	CUB	Cross Reference:	LWD-C-6
Primary Purpose:	PLS NON 72-12-1 LIVESTOCK WATERING				
Primary Status:	DCL Declaration				
Total Acres:	2.000	Subfile:	Header:		
Total Diversion:	7.800	Cause/Case:			
Owner:	BUCK & LARUE JACKSON TRUST	Owner Class:	Owner		

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
.get images	631011	DCL	1992-03-16	DCL	PRC	LWD-C-6	T	2.000	7.800	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
LWD 01187 POD1		SE	NW	SE	10	26S	31E	616792.0	3547163.0	*		

* UTM location was derived from PLSS - see Help

Priority Summary

Priority	Status	Acres	Diversion	POD Number	Source
1906-12-31	DCL	2.000	7.800	LWD 01187 POD1	

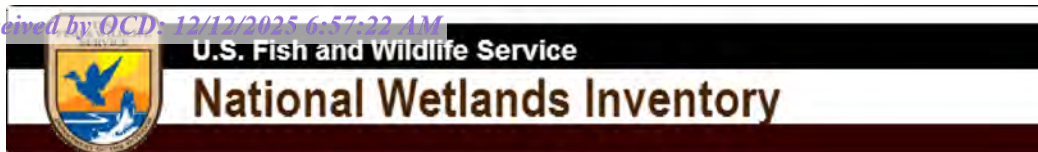
Place of Use

Q256	Q64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
	SE	NW	SE	10	26S	31E	2.000	7.800		PLS	1906-12-31	DCL	

Source

Acres	Diversion	CU	Use	Priority	Source	Description
2.000	7.800		PLS	1906-12-31	SW	

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



Snapping Wetland 5,379 ft



October 13, 2024

Wetlands

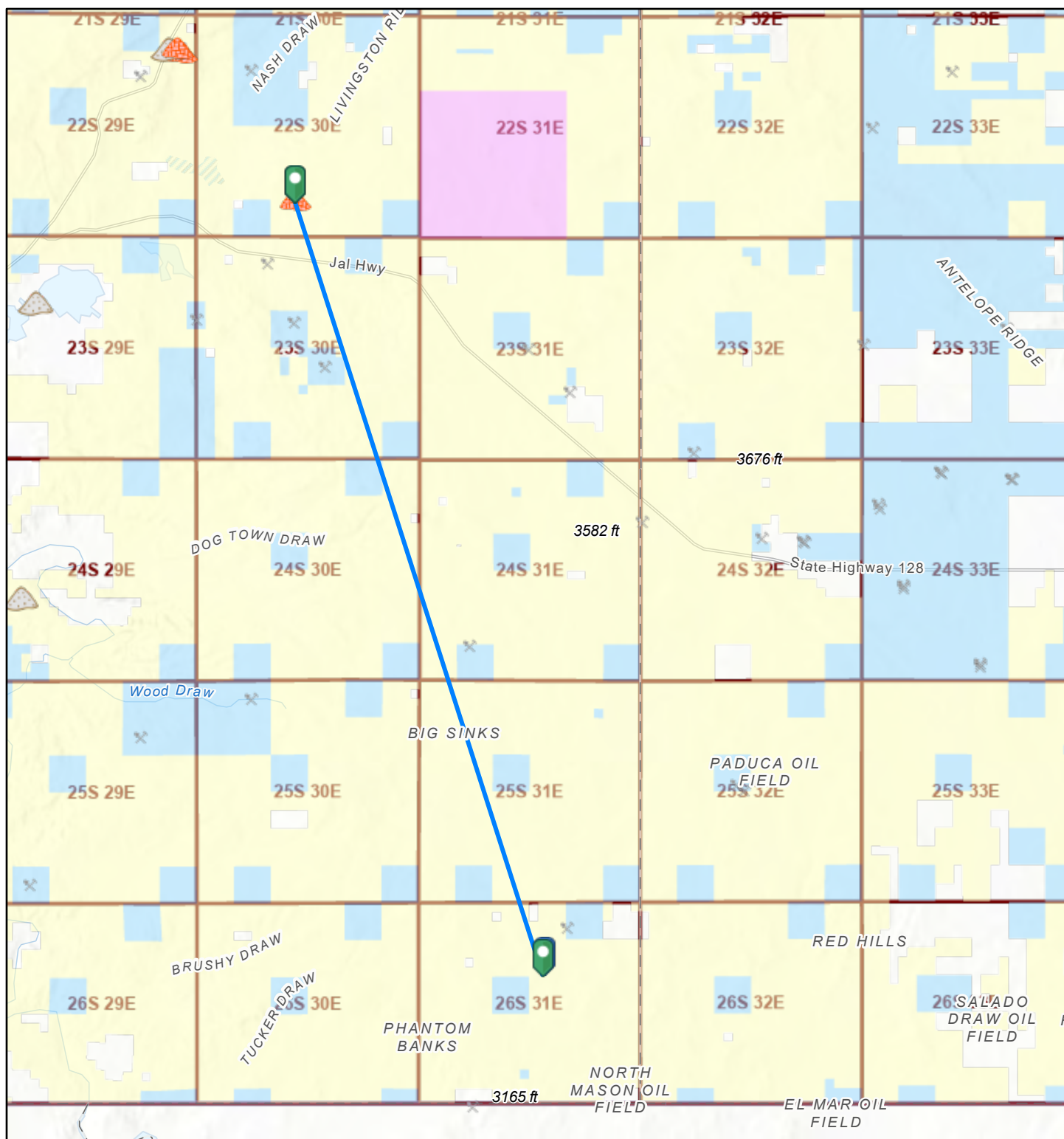
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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Active Mines in New Mexico



10/13/2024, 2:46:45 PM

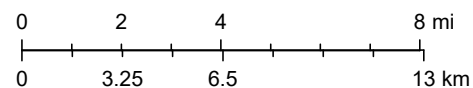
1:288,895

Registered Mines

Land Ownership

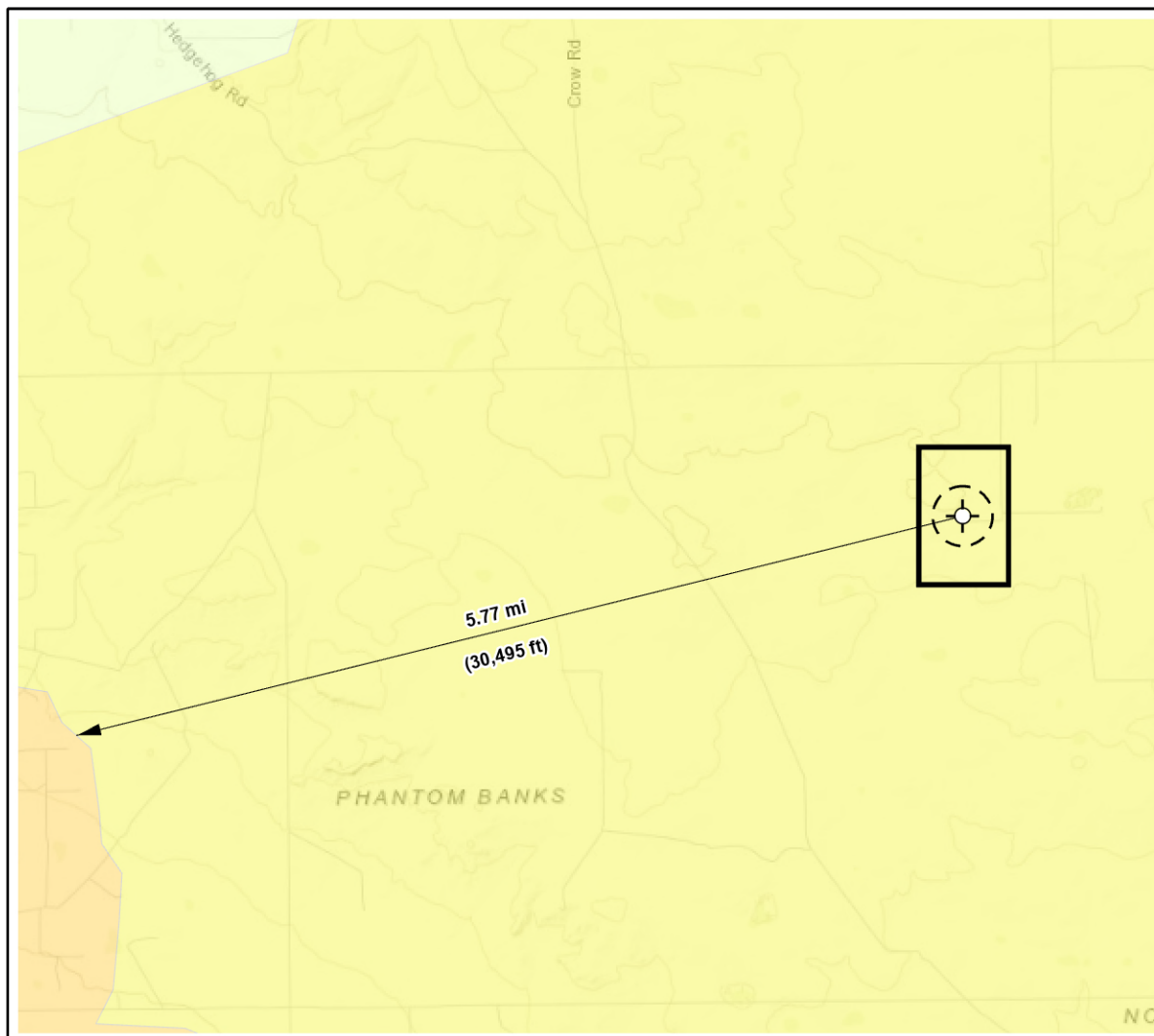
- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Potash
- Salt

- BLM
- DOE
- P
- S
- PLSS Townships



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

EMNRD MMD GIS Coordinator



Karst Potential

- Critical
- High
- Medium
- Low

- Site Location
- Site Buffer (~1,000 ft)

Overview Map

0 0.25 0.5 1 mi



Detail Map

0 150 300 600 ft



Map Center:
Lat/Long
32.050728°,-103.767288°

NAD 1983 UTM Zone 13N
Date: Oct 17/24



Karst Potential Map Snapping 10 Fed 3H

Figure:
x

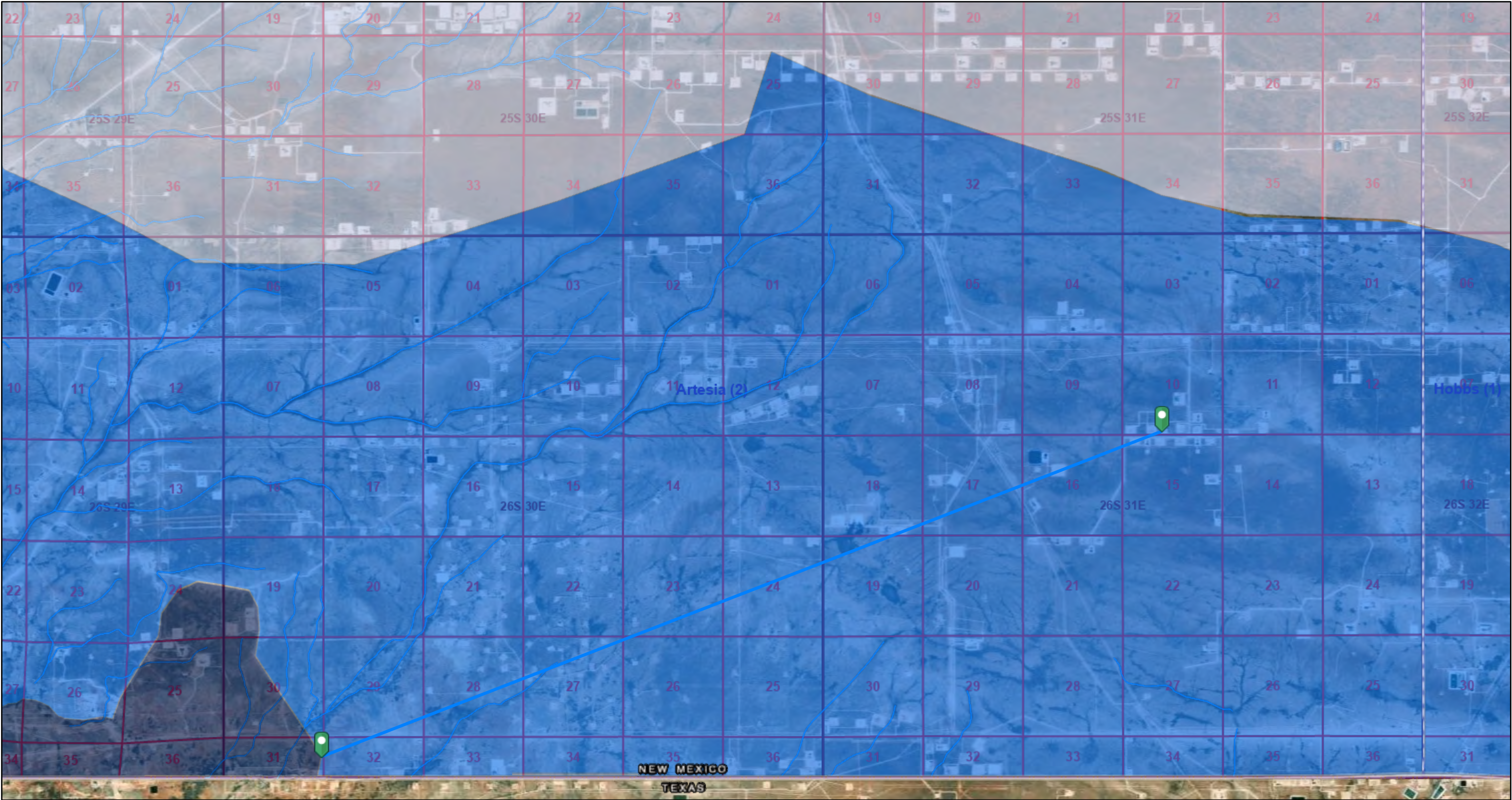


Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

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.

VERSATILITY. EXPERTISE.

High Karst 48,002 feet



9/28/2025, 5:28:00 PM

1:72,224

Karst Occurrence Potential

Low

High

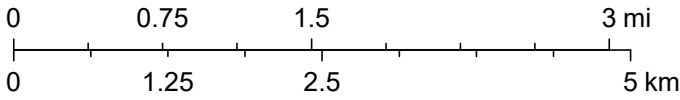
Medium

PLSS First Division

PLSS Townships

OCD Districts

OSE Streams



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Earthstar Geographics, OCD, NM OSE, BLM

National Flood Hazard Layer FIRMette



103°46'21"W 32°3'18"N



Released to Imaging: 1/5/2026 9:33:07 AM

1:6,000

103°45'44"W 32°2'47"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance 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
		Coastal Transect Baseline
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 10/13/2024 at 4:20 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.

Snapping 10 Fed 3H

Nearest FEMA Zone A:
3,235 ft east of site

Legend

-  32.050705 -103.767395
-  35015C
-  Feature 1

Google Earth

3000 ft





United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

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

Custom Soil Resource Report for Eddy Area, New Mexico



October 13, 2024


Custom Soil Resource Report Soil Map



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop


 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole

 Slide or Slip


 Sodic Spot

 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 20, Sep 3, 2024

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

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

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

Custom Soil Resource Report

Eddy Area, New Mexico**SM—Simona-Bippus complex, 0 to 5 percent slopes****Map Unit Setting**

National map unit symbol: 1w5x
Elevation: 1,800 to 5,000 feet
Mean annual precipitation: 8 to 24 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 55 percent
Bippus and similar soils: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona**Setting**

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Custom Soil Resource Report

Description of Bippus**Setting**

Landform: Flood plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam
H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very 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: Occasional
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Minor Components**Simona**

Percent of map unit: 8 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Bippus

Percent of map unit: 7 percent
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No



Ecological site R070BD002NM

Shallow Sandy

Accessed: 10/13/2024

General information

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

Figure 1. Mapped extent

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

Associated sites

R070BD004NM	Sandy Sandy sites often occur in association or in a complex with Shallow Sandy Sites.
-------------	--

Similar sites

R070BD004NM	Sandy Sandy ecological sites are similar to Shallow Sandy sites in species composition and Transition pathways.
-------------	---

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site occurs on plains, alluvial fans, uplands, or fan piedmonts. The parent material consists of mixed loamy alluvium or eolian material derived from igneous and sedimentary bedrock. The petrocalcic layer is at a depth of 10 to 25 inches and undulating.

Slopes are nearly level to undulating, usually less than 9 percent. Elevations range from 2,842 to 4,500 feet.

Table 2. Representative physiographic features

Landforms	(1) Plain (2) Fan piedmont (3) Alluvial fan
Elevation	2,842–4,500 ft
Slope	1–9%
Aspect	Aspect is not a significant factor

Climatic features

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common.

Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.

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

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

Temperature and rainfall both favor warm season perennial plant growth. In years of abundant spring moisture, annual forbs and cool season grasses can make up an important component of the site. The vegetation of this site can take advantage of the moisture and the time it falls. Because of the soil profile, little moisture can be stored in the soil for any length of time. Moisture is readily available to the plants from the time it falls. Strong winds from the southwest blow from January through June which rapidly dries out the soil profile during a critical period for plant growth.

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

Table 3. Representative climatic features

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

Influencing water features

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

Soil features

Soils are very shallow to shallow, less than 20 inches in depth. Surface and subsurface textures are gravelly loamy sand, gravelly fine sandy loam or fine sandy loam.

An indurated caliche layer occurs at depths of 6 to 25 inches and is at an average of 15 inches from the surface. Underlying material textures are very gravelly fine sandy loam, very gravelly sandy loam, gravelly fine sandy loam. Gravels are calcium carbonate concretions, calcium carbonate content ranges from 30 to 65 percent.

The indurated caliche layer typically holds water up in the profile for short periods within the root zone of plants. These soils will blow if left unprotected by vegetation.

Minimum and maximum values listed below represent the characteristic soils for this site.

Characteristic soils are:

Simona

Jerag

Table 4. Representative soil features

Surface texture	(1) Fine sandy loam (2) Loamy fine sand (3) Gravelly fine sandy loam
Family particle size	(1) Loamy
Drainage class	Well drained to moderately well drained
Permeability class	Moderately slow to moderate

Soil depth	7–24 in
Surface fragment cover ≤3"	5–25%
Surface fragment cover >3"	0%
Available water capacity (0–40in)	1–2 in
Calcium carbonate equivalent (0–40in)	5–15%
Electrical conductivity (0–40in)	0–4 mmhos/cm
Sodium adsorption ratio (0–40in)	0
Soil reaction (1:1 water) (0–40in)	7.4–8
Subsurface fragment volume ≤3" (Depth not specified)	5–25%
Subsurface fragment volume >3" (Depth not specified)	0%

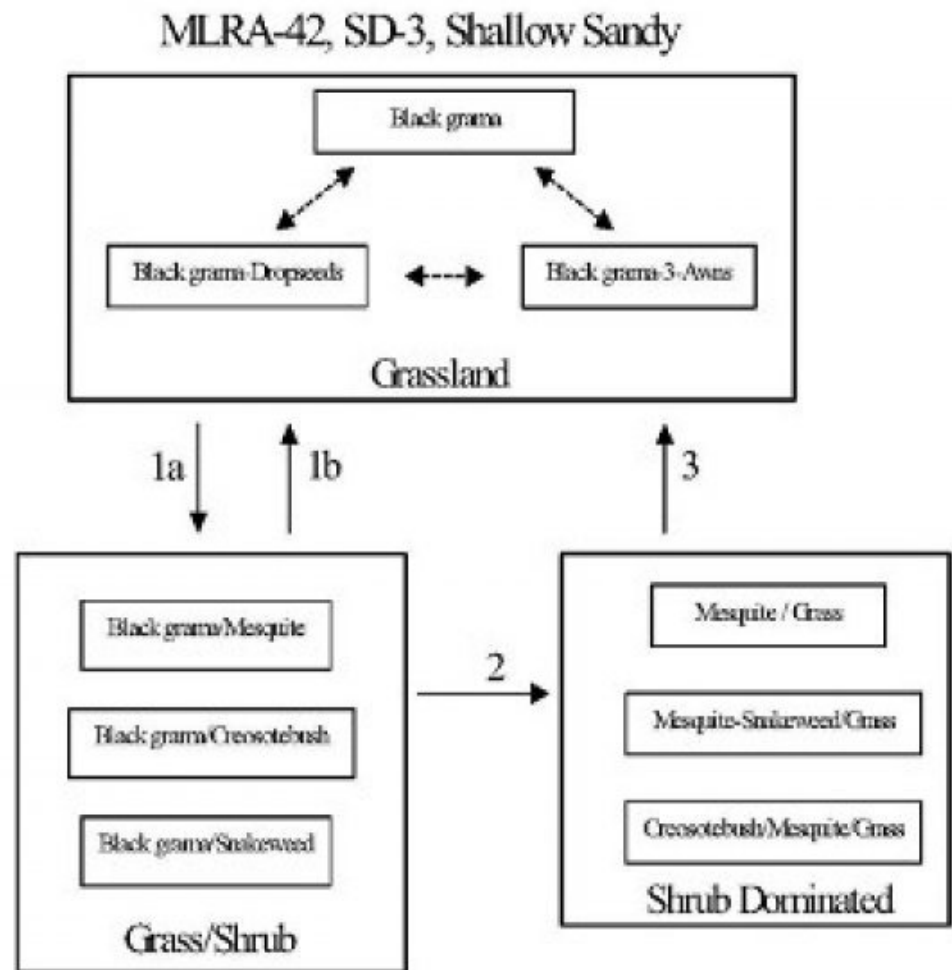
Ecological dynamics

Overview

The Shallow Sandy site occurs on upland plains, and tops of low ridges and mesas, associated with Sandy, Loamy Sand, and Shallow sites. Coarse to moderately coarse soil surface textures, shallow depth (<20 inches) to an indurated caliche layer (petrocalcic horizon), and an overwhelming dominance by black grama help to distinguish this site. The historic plant community of the Shallow Sandy site is a black grama dominated grassland sparsely dotted with shrubs. Shrubs, especially mesquite and creosotebush can increase or colonize due to the dispersal of shrub seeds by livestock or wildlife. This increase in mesquite and colonization of creosotebush may be enhanced by proximity to areas with existing high shrub densities. Fire suppression, and the loss of grass cover due to overgrazing or drought may facilitate the increase and encroachment of shrubs. Persistent loss of grass cover, competition for resources by shrubs, and periods of climate with increased winter precipitation and dry summers, may initiate the transition to a shrub-dominated state.

State and transition model

Plant Communities and Transitional Pathways (diagram)



1a. Seed dispersal, drought, overgrazing, fire suppression.

1b. Prescribed fire, brush control, prescribed grazing.

2. Persistent loss of grass cover, resource competition, increased winter precipitation.

3. Brush control, range seeding, prescribed grazing.

State 1

Historic Climax Plant Community

Community 1.1

Historic Climax Plant Community

Grassland: This site responds well to management and is resistant to state change, due to the shallow depth to petrocalcic horizon and sandy surface textures. The sandy surface textures allow rapid water infiltration and the petrocalcic horizon helps to keep water perched and available to shallow rooted grasses. Black grama is the dominant species in the historic plant community, averaging 50 to 60 percent of the total production for this site. Bush muhly, blue grama, and dropseeds are present as sub-dominants. Typically, yucca, javalinabush, range ratany, prickly pear, and mesquite are sparsely dotted across the landscape. Leatherweed croton, cutleaf

happlopappus, wooly groundsel, and threadleaf groundsel are common forbs. Continuous heavy grazing or extended periods of drought will cause a loss of grass cover characterized by a decrease in black grama, bush muhly, blue and sideoats grama, plains bristlegrass, and Arizona cottontop. Dropseeds and or threeawns may increase and become sub-dominant to black grama. Continued loss of grass cover in conjunction with dispersal of shrub seeds and fire suppression is believed to cause the transition to a state with increased amounts of shrubs (Grass/Shrub state). Diagnosis: Black grama is the dominant grass species. Grass cover uniformly distributed. Shrubs are a minor component averaging only two to five percent canopy cover. Litter cover is high (40-50 percent of area), and litter movement is limited to smaller size class litter and short distances (<. 5m). Other grasses that could appear on this site would include: six-weeks grama, fluffgrass, false-buffalograss, hairy grama, little bluestem, bristle panicum, cane bluestem, Indian ricegrass, tridens spp., and red lovegrass. Other woody plants include: pricklypear, cholla, fourwing saltbush, catclaw mimosa, winterfat, American tarbush and mesquite. Other forbs include: globemallow, verbena, desert holly, senna, plains blackfoot, trailing fleabane, fiddleneck, deerstongue, wooly Indianwheat, and locoweed.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	474	652	830
Forb	78	107	136
Shrub/Vine	48	66	84
Total	600	825	1050

Table 6. Ground cover

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	30-35%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	40-50%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%
Bedrock	0%
Water	0%
Bare ground	15-25%

Figure 5. Plant community growth curve (percent production by month). NM2802, R042XC002NM-Shallow Sandy-HCPC. SD-3 Shallow Sandy - Warm season plant community.

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

State 2
Grass/Shrub

Community 2.1
Grass/Shrub

Grass/Shrub: This state is characterized by the notable presence of shrubs, especially mesquite, broom snakeweed, and/or creosotebush, however grasses remain as the dominant species. Black grama is the dominant

grass species. Threeawns and or dropseeds are sub-dominant. The susceptibility of the Shallow Sandy site to shrub encroachment may be higher when located adjacent to other sites with high densities of mesquite or creosotebush. Retrogression within this site is characterized by decreases in grass cover and increasing densities of shrubs. Diagnosis: Black grama remains as the dominant grass species. Grass cover varies in response to the amount of shrub increase, ranging from uniform to patchy. Shrubs are found at increased densities relative to the grassland state, especially mesquite, creosotebush, or broom snakeweed. Transition to Grass/Shrub (1a) Historically fire may have kept mesquite and other shrubs in check by completely killing some species and disrupting seed production cycles and suppressing the establishment of shrub seedlings in others. Fire suppression combined with seed dispersal by livestock and wildlife is believed to be the factors responsible for the establishment and increase in shrubs.1, 3 Loss of grass cover due to overgrazing, prolonged periods of drought, or their combination, reduces fire fuel loads and increases the susceptibility of the site to shrub establishment. Key indicators of approach to transition: Increase in the relative abundance of dropseeds and threeawns Presence of shrub seedlings Loss of organic matter—evidenced by an increase in physical soil crusts 8 Transition back to Grassland (1b) Brush control is necessary to initiate the transition back to the grassland state. If adequate fuel loads remain, possibly the reintroduction of fire as a management tool will assist in the transition back, however, mixed results have been observed concerning the effects of fire on black grama grasslands.6 Prescribed grazing will help ensure adequate rest following brush control and will assist in the establishment and maintenance of grass cover capable of sustaining fire.

State 3
Shrub Dominated

Community 3.1
Shrub Dominated

Shrub-Dominated: Across the range of soil types included in the Shallow Sandy site, mesquite is typically the dominant shrub, but it does occur as a co-dominant or sub-dominant species with creosotebush or broom snakeweed. Mesquite tends to dominate when the Shallow Sandy site occurs as part of a complex or in association with Sandy or Loamy Sand sites. Creosotebush tends to dominate on Shallow Sandy sites that occur as part of, or adjacent to Shallow Sites. Broom snakeweed increases in response to heavy grazing, but tends to cycle in and out depending on timing of rainfall. However, once the site is dominated by shrubs and snakeweed becomes well established, it tends to remain as a major component in the shrub dominated state. Diagnosis: Mesquite, creosotebush, or snakeweed cover is high, exceeding that of grasses. Grass cover is patchy with large connected bare areas present. Black grama, threeawns, or dropseeds may be the dominant grass. Evidence of accelerated wind erosion in the form of pedestalling of plants, and soil deposition around shrub bases may be common. Transition to Shrub-Dominated (2) Persistent loss of grass cover and the resulting increased competition between shrubs and remaining grasses for dwindling resources (especially soil moisture) may drive this transition.5 Additionally periods of increased winter precipitation may facilitate periodic episodes of shrub expansion and establishment. 4 Key indicators of approach to transition: Increase in size and frequency of bare patches. Loss of grass cover in shrub interspaces. Increased signs of erosion, evidenced by pedestalling of plants, and soil and litter deposition on leeward side of plants. 7 Transition back to Grassland (3) Brush control is necessary to reduce competition from shrubs and reestablish grasses. Range seeding may be necessary if insufficient grasses remain, The benefits, and costs, will vary depending upon the degree of site degradation, and adequate precipitation following seeding.

Additional community tables

Table 7. Community 1.1 plant community composition

Group	Common Name	Symbol	Scientific Name	Annual Production (Lb/Acre)	Foliar Cover (%)
Grass/Grasslike					
1	Warm Season			413–495	
	black grama	BOER4	<i>Bouteloua eriopoda</i>	413–495	–
2	Warm Season			41–83	
	bush muhly	MUPO2	<i>Muhlenbergia porteri</i>	41–83	–
3	Warm Season			41–83	

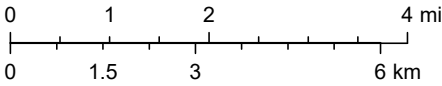
ArcGIS Web Map



10/13/2024, 2:12:19 PM

1:144,448

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



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

ArcGIS Web AppBuilder

APPENDIX B – Daily Field Reports



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	10/14/2024
Site Location Name:	Snapping 10 Fed 3H	Report Run Date:	10/14/2024 9:22 PM
Client Contact Name:	Dale Woodall	API #:	
Client Contact Phone #:	405-318-4697		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	10/14/2024 8:30 AM
Departed Site	10/14/2024 2:36 PM

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

13:19 Delineate spill area

13:20 Field screen sample points

Next Steps & Recommendations

1 Finish horizontal/vertical delineation on site

2 Petroflag all samples

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



BH24-01 @ 1' refusal

Viewing Direction: North



BH24-02 @ 1.5'

Viewing Direction: Northeast



BH24-03 @ 1'

Viewing Direction: Northeast



BH24-04 @ 1'



Daily Site Visit Report

Viewing Direction: Northeast



BH24-05@ 1'

Viewing Direction: East



BH24-06@ 1.5'

Viewing Direction: Southeast



BH24-07@ 1'

Viewing Direction: Southeast



BH24-08@ 1'



Daily Site Visit Report

Viewing Direction: Southeast



BH24-09 @ 1'

Viewing Direction: Northwest



BH24-10@ 1'

Viewing Direction: North



BH24-17@ 1'

Viewing Direction: North



BH24-16@ 1'

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to read 'R. Arnold', written over a thin horizontal line. Below the line, the word 'Signature' is printed in a small, light font.



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	10/15/2024
Site Location Name:	Snapping 10 Fed 3H	Report Run Date:	10/16/2024 12:18 AM
Client Contact Name:	Dale Woodall	API #:	
Client Contact Phone #:	405-318-4697		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	10/15/2024 9:35 AM
Departed Site	10/15/2024 4:11 PM

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

15:07 Arrived on site at approximately 9:35 am. On site to delineate release. Assessed site and filled out JSA, held safety briefing.

18:13 Tested BH24-01 to -10 and -16, -17 which were collected the previous day, for chlorides using titration.

18:10 Collected BH24-11 at 0' and 1' (hit refusal);

-12 at 0' and 1' (refusal);

-13 at 0', 1, and 2' (refusal);

-14 at 0' and 1'(refusal);

-15 at 0', 1', and 2' (refusal); and

-18 at 0' and 1' (refusal).

Select samples field screened for chlorides and TPH.

18:14 Samples jarred and will check with PM on which to sent to laboratory for analysis.

Next Steps & Recommendations

1 Continue delineation.

Daily Site Visit Report



Site Photos

Viewing Direction: Southwest



Placard

Viewing Direction: North



BH24-11 collected at 0' and 1'. Hit refusal at 1'.

Viewing Direction: North



BH24-12 collected at 0' and 1'. Hit refusal at 1'.

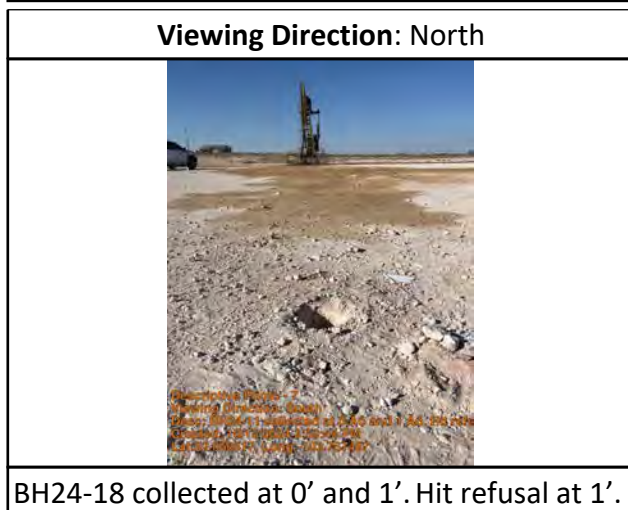
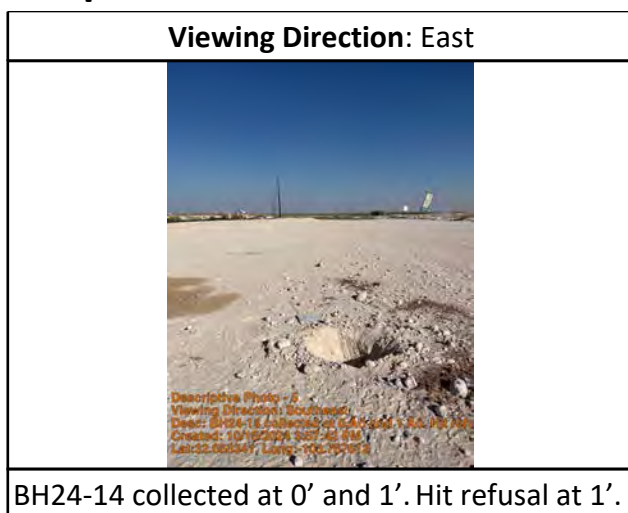
Viewing Direction: Northwest



BH24-13 collected at 0' and 1'. Hit refusal at 1'.



Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Andrew Ludvik

Signature:


Signature



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Snapping 10 Fed 3H	API #:	
Inspection Date:	6/9/2025		

Summary of Times

Arrived at Site	6/9/2025 11:30 AM
Departed Site	6/9/2025 3:45 PM

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

- 11:35** Travel to site/ safety paperwork
- 11:35** Drilling coordinates were located
- 11:36** Drilling began
- 11:36** Coordinates were placed on site map

Next Steps & Recommendations

- 1** Probe for water after 72 hr wait period

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



Drilling in progress

Viewing Direction: South



Casing set

Viewing Direction: Southeast



Well depth with casing above ground 109.4'

Viewing Direction: South



Length of casing above ground 3.5'



Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'RA', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Snapping 10 Fed 3H	API #:	
Inspection Date:	9/19/2025		

Summary of Times

Arrived at Site	9/19/2025 8:24 AM
Departed Site	9/19/2025 10:49 AM

Field Notes

14:18 JSA has been filled out by Vertex Environmental Technician

14:18 Mapped out excavation area

14:18 Area is clean and good to go for confirmation sampling

14:23 Area where soil is darker brown is the 1.5ft excavation

Next Steps & Recommendations

1



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Snapping 10 Fed 3H	API #:	
Inspection Date:	6/12/2025		

Summary of Times

Arrived at Site	6/12/2025 3:09 PM
Departed Site	6/12/2025 3:56 PM

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

- 15:12** Updated JSA on arrival. On site to check depth to groundwater in exploratory borehole.
- 15:29** Mapped exploratory borehole location with Juniper Geode gps unit.
- 15:34** Exploratory borehole had been left for 72 hours to allow a potential water table to come to equilibrium. Used Solinst Interface Meter model 122 to measure depth to groundwater of exploratory borehole.
- 15:52** There was no water in the exploratory borehole. The dry borehole depth measured 109.5 feet to the top of the casing. The casing measured 3.1 feet above ground surface. Calculated depth of dry borehole was 106.4 feet bgs.
- 15:49** Confirmed that the exploratory borehole continued to be dry after 72 wait period and depth measured 106.4 feet bgs.

Next Steps & Recommendations

1

Daily Site Visit Report



Site Photos

Viewing Direction: North



Southwest of wellhead facing north.

Viewing Direction: North



Northwest corner of pad facing north.

Viewing Direction: East



Northwest corner of pad facing east.

Viewing Direction: South



Northwest corner of pad facing south.



Daily Site Visit Report

Viewing Direction: West



Northwest corner of pad facing west.

Viewing Direction: Northeast



Northwest corner of pad facing northeast. Dry borehole 109.5 inches to top of casing.

Viewing Direction: East



Northwest corner of pad facing east. Dry borehole 109.5 inches to top of casing.

Viewing Direction: South



Northwest corner of pad facing south. Dry borehole 109.5 inches to top of casing.



Daily Site Visit Report

Viewing Direction: West



Northwest corner of pad facing west. Dry borehole 109.5 inches to top of casing.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:


Signature

Daily Site Visit Report



Site Photos

Viewing Direction: Northwest



Site view of excavation from the Southeast corner

Viewing Direction: Northwest



Site view of excavation from the southeast corner. Excavation has been fenced off.

Viewing Direction: Northwest



Site view of excavation from the south end

Viewing Direction: Northeast



Site view of excavation from the southwest corner



Daily Site Visit Report

Viewing Direction: Northeast



Site view of excavation from the southwest corner

Viewing Direction: South



Site view of excavation from the northwest corner

Viewing Direction: Southeast



Site view of excavation from the northwest corner

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sharon Minnix

Signature:

A handwritten signature in black ink, appearing to read 'Sharon Minnix', written over a horizontal line.

Signature



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Snapping 10 Fed 3H	API #:	
Inspection Date:	9/24/2025		

Summary of Times

Arrived at Site	9/24/2025 9:34 AM
Departed Site	9/24/2025 1:41 PM

Field Notes

12:18 JSA has been filled out on site by Vertex Resources Environmental Technician

12:21 Purpose of site visit: collect five point confirmatory samples

12:26 Inclement weather (rainstorms) has been occurring in the area

Next Steps & Recommendations

1

Daily Site Visit Report



Site Photos

Viewing Direction: Southeast



Site view of excavation. Five point composite confirmatory samples will be acquired.

Viewing Direction: Southwest



Site view of excavation. Five point composite confirmatory samples will be acquired.

Viewing Direction: Southwest



Site view of excavation. Five point composite confirmatory samples will be acquired.

Viewing Direction: Southwest



Site view of excavation. Five point composite confirmatory samples will be acquired.



Daily Site Visit Report

Viewing Direction: Northwest



Site view of excavation. Five point composite confirmatory samples will be acquired.

Viewing Direction: Northeast



Site view of excavation. Five point composite confirmatory samples will be acquired.

Viewing Direction: Southeast



Site view of excavation. Five point composite confirmatory samples will be acquired.

Viewing Direction: Northeast



Site view of excavation. Five point composite confirmatory samples will be acquired.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sharon Minnix

Signature:

A handwritten signature in black ink, appearing to read 'Sharon Minnix', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



Daily Site Visit Report

Client: Devon Energy Corporation Incident ID #: NAPP2427862444

Site Location Name: Snapping 10 Fed 3H

API #:

Inspection Date: 9/26/2025

Summary of Times

Arrived at Site 9/26/2025 7:29 AM

Departed Site 9/26/2025 6:31 PM

Field Notes

- 7:46** Completed JSA on arrival. On site to continue collecting confirmation soil samples from surfaces of excavation.
- 17:27** Updated ArcGIS map with additional confirmation sample locations. Swept excavation surfaces with magnetic locator prior to sample collection.
- 17:29** Collected confirmation samples from surfaces of excavations to 0.5 and 1.5 feet bgs on pad. Confirmation samples collected from the excavation base and walls were 5-point composites representing areas no greater than 200 square feet.
- 17:38** Collected confirmation wall sample WS25-03 from 0-0.5 feet bgs. Collected confirmation wall sample WS25-05 from 0-1.5 and 0.5-1.5 feet bgs.
- 17:40** Collected confirmation base sample BS25-13 at 1.5 feet bgs.
- 17:43** Collected confirmation base samples BS25-45 and BS25-49 through BS25-54 at 0.5 feet bgs from north end of excavation.
- 17:46** Collected confirmation base samples BS25-31, BS25-32, BS25-35, BS25-36, BS25-40 through BS25-43, BS25-45, BS25-47, BS25-48, and BS25-55 through BS25-62 at 0.5 feet bgs from south end of excavation.
- 17:47** Field screening results for all samples were below NMOCD closure criteria for chloride and TPH at DTGW >100 feet bgs.

Next Steps & Recommendations

- 1 Submit confirmation samples to laboratory for analyses.
- 2 Continue collecting remaining confirmation samples.

Daily Site Visit Report



Site Photos

Viewing Direction: North



South of wellhead facing north.

Viewing Direction: Southeast



Northwest corner of pad facing southeast over excavation to 1.1 feet bgs.

Viewing Direction: Southeast



Northwest of pump jack facing southeast over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: South



Northwest of pump jack facing south over excavations to 0.5 and 1.5 feet bgs.



Daily Site Visit Report

Viewing Direction: East



West of pump jack facing east over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Southeast



West of pump jack facing southeast over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: North



South of pump jack facing north over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Northeast

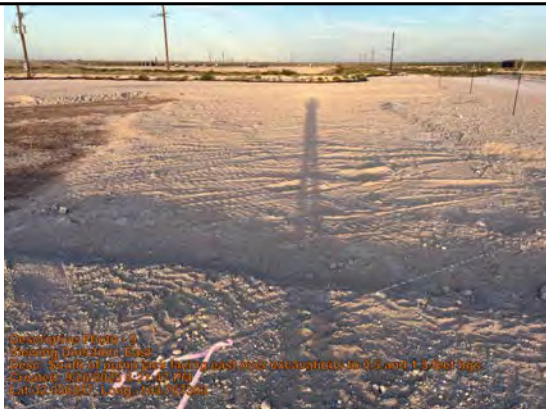


South of pump jack facing northeast over excavations to 0.5 and 1.5 feet bgs.



Daily Site Visit Report

Viewing Direction: East



South of pump jack facing east over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: West



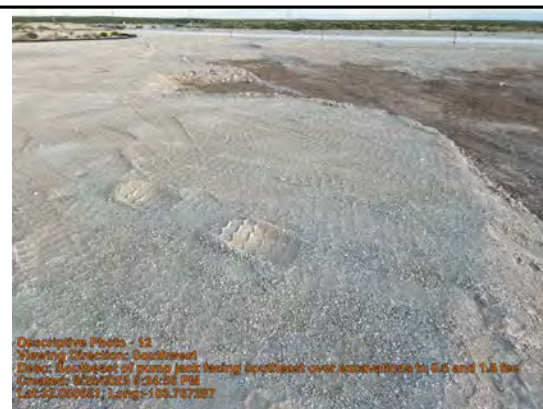
Southeast corner of pad facing west over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Northwest



Southeast corner of pad facing northwest over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Southwest



Southeast of pump jack facing southeast over excavations to 0.5 and 1.5 feet bgs.



Daily Site Visit Report

Viewing Direction: South



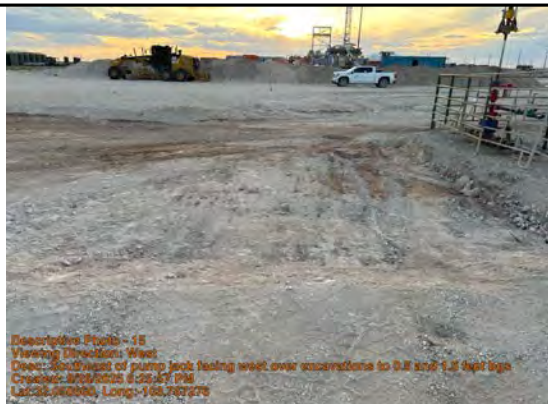
Southeast of pump jack facing south over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Southwest



Southeast of pump jack facing southwest over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: West



Southeast of pump jack facing west over excavations to 0.5 and 1.5 feet bgs.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line.

Signature



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	NAPP2427862444
Site Location Name:	Snapping 10 Fed 3H	API #:	
Inspection Date:	10/1/2025		

Summary of Times

Arrived at Site	10/1/2025 7:05 AM
Departed Site	10/1/2025 12:15 PM

Field Notes

- 11:52** Completed JSA on arrival. Two Vertex technicians on site to collect remaining confirmation samples from excavation surfaces.
- 7:48** Swept excavation surfaces with magnetic locator prior to sample collection.
- 11:43** Collected confirmation samples BS25-63, BS25-64, and BS25-65 from base of excavation to 0.5 feet bgs on side of pad. Collected confirmation samples BS25-66 through BS25-81 from base of excavation to 1.5 feet bgs. Confirmation samples collected from the excavation were 5-point composites representing areas no greater than 200 square feet.
- 11:47** Work crew arrived on site to work on well. Confirmation samples were collected prior to trucks and equipment entering excavation.
- 11:50** Field screening results for all samples were below closure criteria for chloride and TPH at DTGW >100 feet bgs.
- 14:35** Confirmation sampling completed pending laboratory results.

Next Steps & Recommendations

- 1 Submit samples to laboratory for analyses.

Daily Site Visit Report



Site Photos

Viewing Direction: West



West of pump jack facing west over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Northwest



West of wellhead facing northwest over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: West



West of wellhead facing west over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Southwest



West of wellhead facing southwest over excavations to 0.5 and 1.5 feet bgs.



Daily Site Visit Report

Viewing Direction: South



West of wellhead facing south over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: South



East of wellhead facing south over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Southeast



South of wellhead facing southeast over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: West



Southeast corner of pad facing northwest over excavations to 0.5 and 1.5 feet bgs.



Daily Site Visit Report

Viewing Direction: West



Southeast corner of pad facing west over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Northeast



Immediately north of lease road facing northeast over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: North



Immediately north of lease road facing north over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Northwest



Immediately north of lease road facing northwest over excavations to 0.5 and 1.5 feet bgs.



Daily Site Visit Report

Viewing Direction: North



Immediately north of lease road facing north over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Northeast



Immediately north of lease road facing northeast over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: East



North of lease road facing east over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Southeast



West of pump jack facing southeast over excavations to 0.5 and 1.5 feet bgs.



Daily Site Visit Report

Viewing Direction: West



West of pump jack facing east over excavations to 0.5 and 1.5 feet bgs.

Viewing Direction: Southeast



Northwest corner of pad facing southeast over excavation to 1.1 feet bgs.

Viewing Direction: North



Immediately north of lease road facing north. Crew on site working on well.

Viewing Direction: Northwest



Immediately north of lease road facing northwest. Crew on site working on well.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

Signature



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Snapping 10 Fed 3H	API #:	
Inspection Date:	10/27/2025		

Summary of Times

Arrived at Site	10/27/2025 9:45 AM
Departed Site	10/27/2025 1:00 PM

Field Notes

- 10:17** Completed safety paperwork upon arrival
- 10:18** Located BS25-55 that needs to be resampled
- 12:05** Full site photographs are included in this DFR

Next Steps & Recommendations

1

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



BS25-55 0.5' was recollects

Viewing Direction: Southeast



Photograph from the northern more point of the excavation

Viewing Direction: South



Photograph taken from just west of the pump Jack

Viewing Direction: West



Photograph taken southeast of the pump Jack



Daily Site Visit Report

Viewing Direction: West



Photograph taken on the central northeast side of the excavation

Viewing Direction: Northwest



Photograph taken from the southeastern most area of the excavation

Viewing Direction: Northwest



Photograph taken from the southern most area of the excavation

Viewing Direction: Northeast



Photograph taken on the line between the 1/2' and 1.5' excavation



Daily Site Visit Report

Viewing Direction: East



Photograph taken from the center of the southwestern wall

Viewing Direction: Southeast



Area was left fenced

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Katrina Taylor

Signature:

A handwritten signature in black ink, appearing to be 'KT', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Snapping 10 Fed 3H	API #:	
Inspection Date:	11/19/2025		

Summary of Times

Arrived at Site	11/19/2025 10:25 AM
Departed Site	11/19/2025 12:05 PM

Field Notes

- 11:04** Completed safety paperwork upon arrival
- 11:04** Photographed the backfill area
- 11:04** Collected a backfill samples from the backfilled excavation
- 11:05** Backfilled material was caliche compacted to match the existing pad

Next Steps & Recommendations

1

Daily Site Visit Report



Site Photos

Viewing Direction: Southeast



From the northwest corner

Viewing Direction: East



From the west side

Viewing Direction: East



From the west side

Viewing Direction: North



From the south side



Daily Site Visit Report

Viewing Direction: Northwest



From the southeast

Viewing Direction: Northwest



From the east side

Viewing Direction: West



From the east side

Viewing Direction: West



North of the pump Jack looking west

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Katrina Taylor

Signature:

A handwritten signature in black ink, appearing to be 'K. Taylor', written over a horizontal line.

Signature

APPENDIX C – Variance



RE: (Variance Approval) - nAPP2427862444 Confirmation Sampling Variance Request

From Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Date Tue 8/12/2025 8:01 AM

To Sally Carttar <SCarttar@vertexresource.com>

Cc Raley, Jim <jim.raley@dvn.com>; Kent Stallings <kstallings@vertexresource.com>

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

Sorry, meant to put Sally. Too many tabs open.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Hamlet, Robert, EMNRD

Sent: Tuesday, August 12, 2025 7:57 AM

To: scarttar@vertexresource.com

Cc: Raley, Jim <jim.raley@dvn.com>; kstallings@vertexresource.com

Subject: (Variance Approval) - nAPP2427862444 Confirmation Sampling Variance Request

Kennedy,

The variance is approved for 400 ft² surface closure confirmation samples. Please include this e-mail correspondence in the remediation plan and/or remediation closure report.

Regards,

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, August 11, 2025 4:28 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] nAPP2427862444 Confirmation Sampling Variance Request

From: Sally Carttar <SCarttar@vertexresource.com>
Sent: Monday, August 11, 2025 4:18 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dmv.com>; Kent Stallings <kstallings@vertexresource.com>
Subject: [EXTERNAL] nAPP2427862444 Confirmation Sampling Variance Request

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

Good afternoon,

Devon is requesting a 400 sq.ft. sampling variance for surface samples at the Snapping 10 Federal #003H, incident ID nAPP2427862444. The remaining sampling area is approximately 16,506 square feet, all of which is on-pad and was shown during delineation to meet on-pad criteria. Samples of all excavation areas (195 sq.ft.) will be collected as described in 19.15.29.12, each representative of no more than 200 sq.ft.

All samples will be analyzed at an accredited laboratory to ensure that all samples are below NMOCD closure criteria for a release >100 feet depth to groundwater.

Best regards,

Sally Carttar

Project Manager
Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, NM 88220

C 575.361.3561

O 575.725.5001

www.vertexresource.com

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APPENDIX D – Laboratory Data Reports and Chain of Custody Forms

Report to:
Chad Hensley



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name: Snapping10 Fed 3H

Work Order: E411015

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/8/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/8/24

Chad Hensley
3101 Boyd Drive
Carlsbad, NM 88220



Project Name: Snapping10 Fed 3H
Workorder: E411015
Date Received: 11/4/2024 7:30:00AM

Chad Hensley,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Snapping10 Fed 3H.

The analytical test results summarized in this report with the Project Name: Snapping10 Fed 3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220	Project Name: Snapping10 Fed 3H Project Number: 01058-0007 Project Manager: Chad Hensley	Reported: 11/08/24 13:08
--	--	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH24-01 @ 1'	E411015-01A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
BH24-02 @ 1"	E411015-02A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
BH24-02 @ 1.5'	E411015-03A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
BH24-07 @ 1'	E411015-04A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
BH24-09 @ 1.5	E411015-05A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
BH24-10 @ 1'	E411015-06A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
BH24-12 @ 1'	E411015-07A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Sample Data

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad NM, 88220

Project Name: Snapping10 Fed 3H
Project Number: 01058-0007
Project Manager: Chad Hensley

Reported:
11/8/2024 1:08:41PM

BH24-01 @ 1'

E411015-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	11/04/24	11/05/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.8 %	70-130	11/04/24	11/05/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	11/04/24	11/05/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.8 %	70-130	11/04/24	11/05/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2445005
Diesel Range Organics (C10-C28)	545	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	331	50.0	1	11/04/24	11/05/24	
<i>Surrogate: n-Nonane</i>		99.8 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445025
Chloride	3700	40.0	2	11/04/24	11/05/24	



Sample Data

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad NM, 88220

Project Name: Snapping10 Fed 3H
Project Number: 01058-0007
Project Manager: Chad Hensley

Reported:
11/8/2024 1:08:41PM

BH24-02 @ 1"

E411015-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		112 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		108 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		112 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		108 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2445005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		103 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445025
Chloride	1150	20.0	1	11/04/24	11/05/24	



Sample Data

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad NM, 88220

Project Name: Snapping10 Fed 3H
Project Number: 01058-0007
Project Manager: Chad Hensley

Reported:
11/8/2024 1:08:41PM

BH24-02 @ 1.5'

E411015-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		113 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		113 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2445005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		105 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445025
Chloride	662	20.0	1	11/04/24	11/05/24	



Sample Data

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad NM, 88220

Project Name: Snapping10 Fed 3H
Project Number: 01058-0007
Project Manager: Chad Hensley

Reported:
11/8/2024 1:08:41PM

BH24-07 @ 1'

E411015-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		109 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		107 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		109 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		107 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2445005
Diesel Range Organics (C10-C28)	1820	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	3560	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		106 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445025
Chloride	638	200	10	11/04/24	11/05/24	



Sample Data

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad NM, 88220

Project Name: Snapping10 Fed 3H
Project Number: 01058-0007
Project Manager: Chad Hensley

Reported:
11/8/2024 1:08:41PM

BH24-09 @ 1.5

E411015-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		112 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		112 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2445005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/07/24	
Surrogate: n-Nonane		109 %	50-200	11/04/24	11/07/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445025
Chloride	545	20.0	1	11/04/24	11/05/24	



Sample Data

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad NM, 88220

Project Name: Snapping10 Fed 3H
Project Number: 01058-0007
Project Manager: Chad Hensley

Reported:
11/8/2024 1:08:41PM

BH24-10 @ 1'

E411015-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		113 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		113 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2445005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		106 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445025
Chloride	4960	200	10	11/04/24	11/05/24	



Sample Data

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad NM, 88220

Project Name: Snapping10 Fed 3H
Project Number: 01058-0007
Project Manager: Chad Hensley

Reported:
11/8/2024 1:08:41PM

BH24-12 @ 1'

E411015-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		115 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2445006
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		115 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		109 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2445005
Diesel Range Organics (C10-C28)	31.7	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445025
Chloride	ND	200	10	11/04/24	11/05/24	



Vertex Resource Services Inc.	Project Name:	Snapping10 Fed 3H	Reported:
3101 Boyd Drive	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Chad Hensley	11/8/2024 1:08:41PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2445006-BLK1)

Prepared: 11/04/24 Analyzed: 11/04/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.567		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			

LCS (2445006-BS1)

Prepared: 11/04/24 Analyzed: 11/04/24

Benzene	2.44	0.0250	2.50		97.4	70-130			
Ethylbenzene	2.52	0.0250	2.50		101	70-130			
Toluene	2.53	0.0250	2.50		101	70-130			
o-Xylene	2.60	0.0250	2.50		104	70-130			
p,m-Xylene	5.20	0.0500	5.00		104	70-130			
Total Xylenes	7.79	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

LCS Dup (2445006-BSD1)

Prepared: 11/04/24 Analyzed: 11/04/24

Benzene	2.44	0.0250	2.50		97.6	70-130	0.164	23	
Ethylbenzene	2.54	0.0250	2.50		101	70-130	0.554	27	
Toluene	2.53	0.0250	2.50		101	70-130	0.0198	24	
o-Xylene	2.64	0.0250	2.50		105	70-130	1.51	27	
p,m-Xylene	5.21	0.0500	5.00		104	70-130	0.346	27	
Total Xylenes	7.85	0.0250	7.50		105	70-130	0.735	27	
Surrogate: Bromofluorobenzene	0.572		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			



QC Summary Data

Vertex Resource Services Inc.	Project Name:	Snapping10 Fed 3H	Reported:
3101 Boyd Drive	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Chad Hensley	11/8/2024 1:08:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2445006-BLK1) Prepared: 11/04/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.567		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			

LCS (2445006-BS2) Prepared: 11/04/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.6	70-130			
Surrogate: Bromofluorobenzene	0.568		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.552		0.500		110	70-130			

LCS Dup (2445006-BSD2) Prepared: 11/04/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130	0.224	20	
Surrogate: Bromofluorobenzene	0.558		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.5	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			



QC Summary Data

Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220	Project Name: Snapping10 Fed 3H Project Number: 01058-0007 Project Manager: Chad Hensley	Reported: 11/8/2024 1:08:41PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2445005-BLK1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.9		50.0		104	50-200			

LCS (2445005-BS1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Diesel Range Organics (C10-C28)	269	25.0	250		107	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			

LCS Dup (2445005-BSD1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132	1.54	20	
Surrogate: n-Nonane	54.0		50.0		108	50-200			



QC Summary Data

Vertex Resource Services Inc.	Project Name:	Snapping10 Fed 3H	Reported:
3101 Boyd Drive	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Chad Hensley	11/8/2024 1:08:41PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2445025-BLK1)					Prepared: 11/04/24 Analyzed: 11/05/24				
Chloride	ND	20.0							
LCS (2445025-BS1)					Prepared: 11/04/24 Analyzed: 11/05/24				
Chloride	250	20.0	250		99.9	90-110			
LCS Dup (2445025-BSD1)					Prepared: 11/04/24 Analyzed: 11/05/24				
Chloride	251	20.0	250		100	90-110	0.369	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Vertex Resource Services Inc.	Project Name:	Snapping10 Fed 3H	
3101 Boyd Drive	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Chad Hensley	11/08/24 13:08

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT		State											
Client: Vertex (bill to Devon)				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX						
Project Name: Snapping 10 Fed 3H				Address: 5321 Buena Vista		E411015	21058-0007				X	X									
Project Manager: Chad Hensley				City, State, Zip: Carlsbad, NM, 88220																	
Address:				Phone:																	
City, State, Zip:				Email: Jim.Raley@dev.com																	
Phone: 575-200-6167				Miscellaneous:																	
Email: Rarnold@vertexresource.com, Rplogger@vert																					
Rarnold@vertexresource.com																					
Chad Hensley@vertexresource.com																					
Sample Information				Analysis and Method										EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCFQ 1005 TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA		
9:45	10.31.24	Soil	1	BH24-01 @ 1'			1	X	X	X		X									
10:02	10.31.24	Soil	1	BH24-02 @ 1"			2	X	X	X		X									
10:10	10.31.24	Soil	1	BH24-02 @ 1.5'			3	X	X	X		X									
10:30	10.31.24	Soil	1	BH24-07 @ 1'			4	X	X	X		X									
10:47	10.31.24	Soil	1	BH24-09 @ 1.5			5	X	X	X		X									
11:00	10.31.24	Soil	1	BH24-10 @ 1'			6	X	X	X		X									
11:25	10.31.24	Soil	1	BH24-12 @ 1'			7	X	X	X		X									
Additional Instructions: WO: 21421108 Jim Raley																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by:																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.													
Michelle Gonzales		11-01-24	12:00	Michelle Gonzales		11-1-24	1200	Lab Use Only Received on ice: <input checked="" type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4													
Michelle Gonzales		11-1-24	1725	Michelle Gonzales		11-1-24	1730														
Michelle Gonzales		11-1-24	2400	Michelle Gonzales		11-4-24	0730														
Michelle Gonzales				Michelle Gonzales																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



envirotech

Envirotech Analytical Laboratory

Printed: 11/4/2024 8:38:37AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Vertex Resource Services Inc.	Date Received:	11/04/24 07:30	Work Order ID:	E411015
Phone:	(575) 748-0176	Date Logged In:	11/04/24 08:28	Logged In By:	Noe Soto
Email:	chensley@vertexresources.com	Due Date:	11/12/24 17:00 (6 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Sampled by name is missing on COC by client.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Hensley
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 10/25/2024 2:35:00 PM

JOB DESCRIPTION

Snapping 10 Fed 3H

JOB NUMBER

885-13995-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 12/12/2025 6:57:22 AM

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



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

Generated
10/25/2024 2:35:00 PM

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Laboratory Job ID: 885-13995-1

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Definitions/Glossary

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

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: Snapping 10 Fed 3H

Job ID: 885-13995-1

Job ID: 885-13995-1

Eurofins Albuquerque

Job Narrative 885-13995-1

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

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

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

Receipt

The samples were received on 10/19/2024 11:35 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 0.3°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-14629 and analytical batch 885-14585 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-03 1'

Lab Sample ID: 885-13995-1

Date Collected: 10/14/24 11:55

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 10:29	10/23/24 03:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			10/21/24 10:29	10/23/24 03:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/21/24 10:29	10/23/24 03:30	1
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 10:29	10/23/24 03:30	1
Toluene	ND		0.049	mg/Kg		10/21/24 10:29	10/23/24 03:30	1
Xylenes, Total	ND		0.097	mg/Kg		10/21/24 10:29	10/23/24 03:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		48 - 145			10/21/24 10:29	10/23/24 03:30	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]	44	F1	9.9	mg/Kg		10/21/24 12:47	10/21/24 19:45	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/21/24 12:47	10/21/24 19:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			10/21/24 12:47	10/21/24 19:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		60	mg/Kg		10/21/24 14:25	10/22/24 05:01	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-04 1.5'

Lab Sample ID: 885-13995-2

Date Collected: 10/14/24 12:00

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		10/21/24 10:29	10/23/24 03:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			10/21/24 10:29	10/23/24 03:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		10/21/24 10:29	10/23/24 03:54	1
Ethylbenzene	ND		0.046	mg/Kg		10/21/24 10:29	10/23/24 03:54	1
Toluene	ND		0.046	mg/Kg		10/21/24 10:29	10/23/24 03:54	1
Xylenes, Total	ND		0.093	mg/Kg		10/21/24 10:29	10/23/24 03:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			10/21/24 10:29	10/23/24 03:54	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		9.6	mg/Kg		10/22/24 10:57	10/22/24 16:11	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 10:57	10/22/24 16:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			10/22/24 10:57	10/22/24 16:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		10/22/24 12:27	10/22/24 16:08	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-05 1'
Date Collected: 10/14/24 12:05
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-3
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/21/24 10:29	10/23/24 04:17	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	98		35 - 166			10/21/24 10:29	10/23/24 04:17	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		10/21/24 10:29	10/23/24 04:17	1	
Ethylbenzene	ND		0.048	mg/Kg		10/21/24 10:29	10/23/24 04:17	1	
Toluene	ND		0.048	mg/Kg		10/21/24 10:29	10/23/24 04:17	1	
Xylenes, Total	ND		0.096	mg/Kg		10/21/24 10:29	10/23/24 04:17	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		48 - 145			10/21/24 10:29	10/23/24 04:17	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]	44		9.8	mg/Kg		10/22/24 10:57	10/22/24 16:24	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/22/24 10:57	10/22/24 16:24	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	91		62 - 134			10/22/24 10:57	10/22/24 16:24	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	100		60	mg/Kg		10/22/24 12:27	10/22/24 16:38	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-06 1'
Date Collected: 10/14/24 12:10
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-4
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/21/24 11:25	10/22/24 13:02	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	115		35 - 166			10/21/24 11:25	10/22/24 13:02	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/21/24 11:25	10/22/24 13:02	1	
Ethylbenzene	ND		0.050	mg/Kg		10/21/24 11:25	10/22/24 13:02	1	
Toluene	ND		0.050	mg/Kg		10/21/24 11:25	10/22/24 13:02	1	
Xylenes, Total	ND		0.099	mg/Kg		10/21/24 11:25	10/22/24 13:02	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		48 - 145			10/21/24 11:25	10/22/24 13:02	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		10/22/24 10:57	10/22/24 16:36	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/22/24 10:57	10/22/24 16:36	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	96		62 - 134			10/22/24 10:57	10/22/24 16:36	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	60		60	mg/Kg		10/22/24 12:27	10/22/24 16:48	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-08 1'

Lab Sample ID: 885-13995-5

Date Collected: 10/14/24 12:15

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 11:25	10/22/24 14:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		35 - 166			10/21/24 11:25	10/22/24 14:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/21/24 11:25	10/22/24 14:08	1
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 14:08	1
Toluene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 14:08	1
Xylenes, Total	ND		0.098	mg/Kg		10/21/24 11:25	10/22/24 14:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			10/21/24 11:25	10/22/24 14:08	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		10/22/24 10:57	10/22/24 16:48	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/22/24 10:57	10/22/24 16:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			10/22/24 10:57	10/22/24 16:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		60	mg/Kg		10/22/24 12:27	10/22/24 16:57	20

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Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-11 0'
Date Collected: 10/15/24 11:00
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-6
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/21/24 11:25	10/22/24 15:13	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	116		35 - 166			10/21/24 11:25	10/22/24 15:13	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		10/21/24 11:25	10/22/24 15:13	1	
Ethylbenzene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 15:13	1	
Toluene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 15:13	1	
Xylenes, Total	ND		0.096	mg/Kg		10/21/24 11:25	10/22/24 15:13	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		48 - 145			10/21/24 11:25	10/22/24 15:13	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		10/22/24 10:57	10/22/24 17:00	1	
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/22/24 10:57	10/22/24 17:00	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	87		62 - 134			10/22/24 10:57	10/22/24 17:00	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	410		60	mg/Kg		10/22/24 12:27	10/22/24 17:07	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-11 1'

Lab Sample ID: 885-13995-7

Date Collected: 10/15/24 11:05

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 11:25	10/22/24 15:35	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	117		35 - 166			10/21/24 11:25	10/22/24 15:35	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/21/24 11:25	10/22/24 15:35	1	
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 15:35	1	
Toluene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 15:35	1	
Xylenes, Total	ND		0.099	mg/Kg		10/21/24 11:25	10/22/24 15:35	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		48 - 145			10/21/24 11:25	10/22/24 15:35	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		9.6	mg/Kg		10/22/24 10:57	10/22/24 17:12	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 10:57	10/22/24 17:12	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	90		62 - 134			10/22/24 10:57	10/22/24 17:12	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	350		60	mg/Kg		10/22/24 12:27	10/22/24 17:17	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-13 0'

Lab Sample ID: 885-13995-8

Date Collected: 10/15/24 11:20

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/21/24 11:25	10/22/24 15:56	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	120		35 - 166			10/21/24 11:25	10/22/24 15:56	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		10/21/24 11:25	10/22/24 15:56	1	
Ethylbenzene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 15:56	1	
Toluene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 15:56	1	
Xylenes, Total	ND		0.094	mg/Kg		10/21/24 11:25	10/22/24 15:56	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		48 - 145			10/21/24 11:25	10/22/24 15:56	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		10/22/24 10:57	10/22/24 17:25	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/22/24 10:57	10/22/24 17:25	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	88		62 - 134			10/22/24 10:57	10/22/24 17:25	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	410		60	mg/Kg		10/22/24 12:27	10/22/24 17:47	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-13 1'

Lab Sample ID: 885-13995-9

Date Collected: 10/15/24 11:25

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		10/21/24 11:25	10/22/24 16:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		35 - 166			10/21/24 11:25	10/22/24 16:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		10/21/24 11:25	10/22/24 16:18	1
Ethylbenzene	ND		0.046	mg/Kg		10/21/24 11:25	10/22/24 16:18	1
Toluene	ND		0.046	mg/Kg		10/21/24 11:25	10/22/24 16:18	1
Xylenes, Total	ND		0.092	mg/Kg		10/21/24 11:25	10/22/24 16:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			10/21/24 11:25	10/22/24 16:18	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		9.2	mg/Kg		10/22/24 10:57	10/22/24 17:37	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/22/24 10:57	10/22/24 17:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			10/22/24 10:57	10/22/24 17:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		60	mg/Kg		10/22/24 12:27	10/22/24 17:57	20

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Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-13 2.0'
Date Collected: 10/15/24 11:30
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-10
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 11:25	10/22/24 16:40	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	118		35 - 166			10/21/24 11:25	10/22/24 16:40	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/21/24 11:25	10/22/24 16:40	1	
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 16:40	1	
Toluene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 16:40	1	
Xylenes, Total	ND		0.099	mg/Kg		10/21/24 11:25	10/22/24 16:40	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		48 - 145			10/21/24 11:25	10/22/24 16:40	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		9.8	mg/Kg		10/22/24 10:57	10/22/24 18:01	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/22/24 10:57	10/22/24 18:01	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	85		62 - 134			10/22/24 10:57	10/22/24 18:01	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		10/22/24 12:27	10/22/24 18:06	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-14 1'

Lab Sample ID: 885-13995-11

Date Collected: 10/15/24 11:40

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/21/24 11:25	10/22/24 17:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		35 - 166			10/21/24 11:25	10/22/24 17:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		10/21/24 11:25	10/22/24 17:02	1
Ethylbenzene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 17:02	1
Toluene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 17:02	1
Xylenes, Total	ND		0.093	mg/Kg		10/21/24 11:25	10/22/24 17:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			10/21/24 11:25	10/22/24 17:02	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		10	mg/Kg		10/22/24 10:57	10/22/24 18:13	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/22/24 10:57	10/22/24 18:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			10/22/24 10:57	10/22/24 18:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		60	mg/Kg		10/22/24 12:27	10/22/24 18:16	20

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Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-15 0'

Lab Sample ID: 885-13995-12

Date Collected: 10/15/24 11:45

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 11:25	10/22/24 17:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		35 - 166			10/21/24 11:25	10/22/24 17:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/21/24 11:25	10/22/24 17:23	1
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 17:23	1
Toluene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 17:23	1
Xylenes, Total	ND		0.098	mg/Kg		10/21/24 11:25	10/22/24 17:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			10/21/24 11:25	10/22/24 17:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		10/22/24 10:57	10/22/24 18:25	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/22/24 10:57	10/22/24 18:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			10/22/24 10:57	10/22/24 18:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		60	mg/Kg		10/22/24 12:27	10/22/24 18:26	20

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Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-15 1'

Lab Sample ID: 885-13995-13

Date Collected: 10/15/24 11:50

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		10/21/24 11:25	10/22/24 17:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		35 - 166			10/21/24 11:25	10/22/24 17:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		10/21/24 11:25	10/22/24 17:45	1
Ethylbenzene	ND		0.046	mg/Kg		10/21/24 11:25	10/22/24 17:45	1
Toluene	ND		0.046	mg/Kg		10/21/24 11:25	10/22/24 17:45	1
Xylenes, Total	ND		0.092	mg/Kg		10/21/24 11:25	10/22/24 17:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			10/21/24 11:25	10/22/24 17:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		10/22/24 10:57	10/22/24 18:37	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/22/24 10:57	10/22/24 18:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			10/22/24 10:57	10/22/24 18:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		10/22/24 12:27	10/22/24 18:56	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-15 2'
Date Collected: 10/15/24 11:55
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-14
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/21/24 11:25	10/22/24 18:29	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	117		35 - 166			10/21/24 11:25	10/22/24 18:29	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		10/21/24 11:25	10/22/24 18:29	1	
Ethylbenzene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 18:29	1	
Toluene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 18:29	1	
Xylenes, Total	ND		0.096	mg/Kg		10/21/24 11:25	10/22/24 18:29	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	102		48 - 145			10/21/24 11:25	10/22/24 18:29	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		10/22/24 10:57	10/22/24 18:50	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 10:57	10/22/24 18:50	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	98		62 - 134			10/22/24 10:57	10/22/24 18:50	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		10/22/24 12:27	10/22/24 19:05	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-16 1'
Date Collected: 10/14/24 12:00
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-15
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		10/21/24 11:25	10/22/24 18:50	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	118		35 - 166			10/21/24 11:25	10/22/24 18:50	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		10/21/24 11:25	10/22/24 18:50	1	
Ethylbenzene	ND		0.046	mg/Kg		10/21/24 11:25	10/22/24 18:50	1	
Toluene	ND		0.046	mg/Kg		10/21/24 11:25	10/22/24 18:50	1	
Xylenes, Total	ND		0.093	mg/Kg		10/21/24 11:25	10/22/24 18:50	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		48 - 145			10/21/24 11:25	10/22/24 18:50	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		10/22/24 10:57	10/22/24 19:02	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/22/24 10:57	10/22/24 19:02	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	94		62 - 134			10/22/24 10:57	10/22/24 19:02	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	65		60	mg/Kg		10/22/24 12:27	10/22/24 19:15	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-17 1.5'
Date Collected: 10/14/24 12:05
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-16
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/21/24 11:25	10/22/24 19:12		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	117		35 - 166			10/21/24 11:25	10/22/24 19:12		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		10/21/24 11:25	10/22/24 19:12		1
Ethylbenzene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 19:12		1
Toluene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 19:12		1
Xylenes, Total	ND		0.097	mg/Kg		10/21/24 11:25	10/22/24 19:12		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		48 - 145			10/21/24 11:25	10/22/24 19:12		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		10/22/24 10:57	10/22/24 19:14		1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 10:57	10/22/24 19:14		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	95		62 - 134			10/22/24 10:57	10/22/24 19:14		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	63		60	mg/Kg		10/22/24 12:27	10/22/24 19:45		20

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-18 1'

Lab Sample ID: 885-13995-17

Date Collected: 10/15/24 12:05

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/21/24 11:25	10/22/24 19:33		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	115		35 - 166			10/21/24 11:25	10/22/24 19:33		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		10/21/24 11:25	10/22/24 19:33		1
Ethylbenzene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 19:33		1
Toluene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 19:33		1
Xylenes, Total	ND		0.097	mg/Kg		10/21/24 11:25	10/22/24 19:33		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		48 - 145			10/21/24 11:25	10/22/24 19:33		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		10/22/24 10:57	10/22/24 19:26		1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/22/24 10:57	10/22/24 19:26		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	93		62 - 134			10/22/24 10:57	10/22/24 19:26		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	60		60	mg/Kg		10/22/24 12:27	10/22/24 19:55		20

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-19 0'

Lab Sample ID: 885-13995-18

Date Collected: 10/16/24 09:40

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/21/24 11:25	10/22/24 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		35 - 166			10/21/24 11:25	10/22/24 19:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/21/24 11:25	10/22/24 19:55	1
Ethylbenzene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 19:55	1
Toluene	ND		0.048	mg/Kg		10/21/24 11:25	10/22/24 19:55	1
Xylenes, Total	ND		0.097	mg/Kg		10/21/24 11:25	10/22/24 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			10/21/24 11:25	10/22/24 19:55	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		10/22/24 10:57	10/22/24 19:38	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 10:57	10/22/24 19:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			10/22/24 10:57	10/22/24 19:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		60	mg/Kg		10/22/24 12:27	10/22/24 20:04	20

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Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-19 1'

Lab Sample ID: 885-13995-19

Date Collected: 10/16/24 09:45

Matrix: Solid

Date Received: 10/19/24 11:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/21/24 11:25	10/22/24 20:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		35 - 166			10/21/24 11:25	10/22/24 20:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/21/24 11:25	10/22/24 20:17	1
Ethylbenzene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 20:17	1
Toluene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 20:17	1
Xylenes, Total	ND		0.094	mg/Kg		10/21/24 11:25	10/22/24 20:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			10/21/24 11:25	10/22/24 20:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		10/22/24 10:57	10/22/24 19:50	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 10:57	10/22/24 19:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			10/22/24 10:57	10/22/24 19:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		60	mg/Kg		10/22/24 12:27	10/22/24 20:14	20

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Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-20 0'
Date Collected: 10/16/24 09:50
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-20
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/21/24 11:25	10/22/24 20:39	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	110		35 - 166			10/21/24 11:25	10/22/24 20:39	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		10/21/24 11:25	10/22/24 20:39	1	
Ethylbenzene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 20:39	1	
Toluene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 20:39	1	
Xylenes, Total	ND		0.093	mg/Kg		10/21/24 11:25	10/22/24 20:39	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		48 - 145			10/21/24 11:25	10/22/24 20:39	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		10/22/24 10:57	10/22/24 20:14	1	
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/22/24 10:57	10/22/24 20:14	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	99		62 - 134			10/22/24 10:57	10/22/24 20:14	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	110		60	mg/Kg		10/22/24 12:27	10/22/24 20:24	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-20 1'
Date Collected: 10/16/24 09:55
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-21
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 11:25	10/22/24 21:01	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	124		35 - 166			10/21/24 11:25	10/22/24 21:01	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/21/24 11:25	10/22/24 21:01	1	
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 21:01	1	
Toluene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 21:01	1	
Xylenes, Total	ND		0.099	mg/Kg		10/21/24 11:25	10/22/24 21:01	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		48 - 145			10/21/24 11:25	10/22/24 21:01	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		9.7	mg/Kg		10/22/24 10:57	10/22/24 20:27	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 10:57	10/22/24 20:27	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	98		62 - 134			10/22/24 10:57	10/22/24 20:27	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	87		60	mg/Kg		10/22/24 12:27	10/22/24 20:34	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-21 0'
Date Collected: 10/16/24 10:00
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-22
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 11:25	10/22/24 21:23	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	116		35 - 166			10/21/24 11:25	10/22/24 21:23	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		10/21/24 11:25	10/22/24 21:23	1	
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 21:23	1	
Toluene	ND		0.049	mg/Kg		10/21/24 11:25	10/22/24 21:23	1	
Xylenes, Total	ND		0.097	mg/Kg		10/21/24 11:25	10/22/24 21:23	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		48 - 145			10/21/24 11:25	10/22/24 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]	110		9.6	mg/Kg		10/22/24 15:57	10/22/24 22:03	1	
Motor Oil Range Organics [C28-C40]	80		48	mg/Kg		10/22/24 15:57	10/22/24 22:03	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	100		62 - 134			10/22/24 15:57	10/22/24 22:03	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	490		60	mg/Kg		10/23/24 10:05	10/23/24 12:49	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-21 1'
Date Collected: 10/16/24 10:05
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-23
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/21/24 11:25	10/22/24 21:44	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	126		35 - 166			10/21/24 11:25	10/22/24 21:44	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		10/21/24 11:25	10/22/24 21:44	1	
Ethylbenzene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 21:44	1	
Toluene	ND		0.047	mg/Kg		10/21/24 11:25	10/22/24 21:44	1	
Xylenes, Total	ND		0.095	mg/Kg		10/21/24 11:25	10/22/24 21:44	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		48 - 145			10/21/24 11:25	10/22/24 21:44	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		10/22/24 15:57	10/22/24 22:15	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/22/24 15:57	10/22/24 22:15	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	93		62 - 134			10/22/24 15:57	10/22/24 22:15	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	360		60	mg/Kg		10/23/24 10:05	10/23/24 13:22	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-21 1.5'
Date Collected: 10/16/24 10:10
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-24
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/21/24 16:01	10/22/24 23:55	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	116		35 - 166			10/21/24 16:01	10/22/24 23:55	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/21/24 16:01	10/23/24 18:57	1	
Ethylbenzene	ND		0.050	mg/Kg		10/21/24 16:01	10/23/24 18:57	1	
Toluene	ND		0.050	mg/Kg		10/21/24 16:01	10/23/24 18:57	1	
Xylenes, Total	ND		0.099	mg/Kg		10/21/24 16:01	10/23/24 18:57	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		48 - 145			10/21/24 16:01	10/23/24 18:57	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		9.7	mg/Kg		10/22/24 15:57	10/22/24 22:28	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 15:57	10/22/24 22:28	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	104		62 - 134			10/22/24 15:57	10/22/24 22:28	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	190		60	mg/Kg		10/23/24 10:05	10/23/24 13:34	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-22 0'
Date Collected: 10/16/24 10:15
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-25
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/21/24 16:01	10/23/24 01:00	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	130		35 - 166			10/21/24 16:01	10/23/24 01:00	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/21/24 16:01	10/23/24 19:19	1	
Ethylbenzene	ND		0.050	mg/Kg		10/21/24 16:01	10/23/24 19:19	1	
Toluene	ND		0.050	mg/Kg		10/21/24 16:01	10/23/24 19:19	1	
Xylenes, Total	ND		0.10	mg/Kg		10/21/24 16:01	10/23/24 19:19	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		48 - 145			10/21/24 16:01	10/23/24 19:19	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]	10		9.7	mg/Kg		10/22/24 15:57	10/22/24 22:40	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/22/24 15:57	10/22/24 22:40	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	101		62 - 134			10/22/24 15:57	10/22/24 22:40	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	190		60	mg/Kg		10/23/24 10:05	10/23/24 13:45	20	

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-22 1'
Date Collected: 10/16/24 10:20
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-26
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/21/24 16:03	10/23/24 02:06	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	121		35 - 166			10/21/24 16:03	10/23/24 02:06	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/21/24 16:03	10/23/24 20:23	1	
Ethylbenzene	ND		0.050	mg/Kg		10/21/24 16:03	10/23/24 20:23	1	
Toluene	ND		0.050	mg/Kg		10/21/24 16:03	10/23/24 20:23	1	
Xylenes, Total	ND		0.099	mg/Kg		10/21/24 16:03	10/23/24 20:23	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	102		48 - 145			10/21/24 16:03	10/23/24 20:23	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		10/22/24 15:57	10/22/24 22:52	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/22/24 15:57	10/22/24 22:52	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	106		62 - 134			10/22/24 15:57	10/22/24 22:52	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	230		60	mg/Kg		10/23/24 10:05	10/23/24 13:56	20	

QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

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

Lab Sample ID: LCS 885-14592/2-A

Matrix: Solid

Analysis Batch: 14740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14592

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			25.0	25.6		mg/Kg		102	70 - 130		
Surrogate	LCS		Limits	LCS							
	%Recovery	Qualifier									
4-Bromofluorobenzene (Surr)	202		35 - 166								

Lab Sample ID: MB 885-14620/1-A

Matrix: Solid

Analysis Batch: 14760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14620

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/21/24 11:25	10/22/24 12:41	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
4-Bromofluorobenzene (Surr)	121		35 - 166			10/21/24 11:25	10/22/24 12:41	1

Lab Sample ID: LCS 885-14620/2-A

Matrix: Solid

Analysis Batch: 14760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14620

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			25.0	28.8		mg/Kg		115	70 - 130		
Surrogate	LCS		Limits	LCS							
	%Recovery	Qualifier									
4-Bromofluorobenzene (Surr)	240		35 - 166								

Lab Sample ID: 885-13995-4 MS

Matrix: Solid

Analysis Batch: 14831

Client Sample ID: BH24-06 1'

Prep Type: Total/NA

Prep Batch: 14620

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	26.5		mg/Kg		107	70 - 130		
Surrogate	MS	MS									
4-Bromofluorobenzene (Surr)	%Recovery	Qualifier	Limits								
	236		35 - 166								

Lab Sample ID: 885-13995-4 MSD

Matrix: Solid

Analysis Batch: 14831

Client Sample ID: BH24-06 1'

Prep Type: Total/NA

Prep Batch: 14620

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		25.0	29.2		mg/Kg		117	70 - 130	10	20

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QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

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

Lab Sample ID: 885-13995-4 MSD

Matrix: Solid

Analysis Batch: 14831

Client Sample ID: BH24-06 1'

Prep Type: Total/NA

Prep Batch: 14620

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	248		35 - 166

Lab Sample ID: MB 885-14658/1-A

Matrix: Solid

Analysis Batch: 14761

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14658

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/21/24 16:01	10/22/24 23:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		35 - 166			10/21/24 16:01	10/22/24 23:33	1

Lab Sample ID: LCS 885-14658/2-A

Matrix: Solid

Analysis Batch: 14761

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14658

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	31.1		mg/Kg		124	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	244		35 - 166				

Lab Sample ID: 885-13995-24 MS

Matrix: Solid

Analysis Batch: 14761

Client Sample ID: BH24-21 1.5'

Prep Type: Total/NA

Prep Batch: 14658

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	32.3		mg/Kg		130	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	251		35 - 166						

Lab Sample ID: 885-13995-24 MSD

Matrix: Solid

Analysis Batch: 14761

Client Sample ID: BH24-21 1.5'

Prep Type: Total/NA

Prep Batch: 14658

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		25.0	29.8		mg/Kg		119	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	251		35 - 166								

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QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

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

Lab Sample ID: MB 885-4592/1-A

Matrix: Solid

Analysis Batch: 14740

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4592

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		05/08/24 12:36	10/22/24 17:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			05/08/24 12:36	10/22/24 17:40	1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 885-14592/3-A

Matrix: Solid

Analysis Batch: 14741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.08		mg/Kg		108	70 - 130
Ethylbenzene	1.00	1.08		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	2.00	2.13		mg/Kg		107	70 - 130
o-Xylene	1.00	1.05		mg/Kg		105	70 - 130
Toluene	1.00	1.09		mg/Kg		109	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		48 - 145				

Lab Sample ID: MB 885-14620/1-A

Matrix: Solid

Analysis Batch: 14762

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14620

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/21/24 11:25	10/22/24 12:41	1
Ethylbenzene	ND		0.050	mg/Kg		10/21/24 11:25	10/22/24 12:41	1
Toluene	ND		0.050	mg/Kg		10/21/24 11:25	10/22/24 12:41	1
Xylenes, Total	ND		0.10	mg/Kg		10/21/24 11:25	10/22/24 12:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			10/21/24 11:25	10/22/24 12:41	1

Lab Sample ID: LCS 885-14620/3-A

Matrix: Solid

Analysis Batch: 14762

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.03		mg/Kg		103	70 - 130
Ethylbenzene	1.00	1.03		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	2.00	2.05		mg/Kg		103	70 - 130
o-Xylene	1.00	1.01		mg/Kg		101	70 - 130
Toluene	1.00	1.03		mg/Kg		103	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	105		48 - 145				

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QC Sample Results

Client: Vertex

Job ID: 885-13995-1

Project/Site: Snapping 10 Fed 3H

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 885-14620/3-A

Matrix: Solid

Analysis Batch: 14833

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.990		mg/Kg		99	70 - 130
Ethylbenzene	1.00	1.01		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	2.00	2.00		mg/Kg		100	70 - 130
o-Xylene	1.00	1.00		mg/Kg		100	70 - 130
Toluene	1.00	1.00		mg/Kg		100	70 - 130

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

Lab Sample ID: 885-13995-5 MS

Matrix: Solid

Analysis Batch: 14762

Client Sample ID: BH24-08 1'

Prep Type: Total/NA

Prep Batch: 14620

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.977	1.10		mg/Kg		113	70 - 130
Ethylbenzene	ND		0.977	1.12		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	ND		1.95	2.23		mg/Kg		114	70 - 130
o-Xylene	ND		0.977	1.10		mg/Kg		112	70 - 130
Toluene	ND		0.977	1.10		mg/Kg		112	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		48 - 145

Lab Sample ID: 885-13995-5 MSD

Matrix: Solid

Analysis Batch: 14762

Client Sample ID: BH24-08 1'

Prep Type: Total/NA

Prep Batch: 14620

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
										RPD	Limit
Benzene	ND		0.978	1.07		mg/Kg		109	70 - 130	3	20
Ethylbenzene	ND		0.978	1.10		mg/Kg		113	70 - 130	1	20
m-Xylene & p-Xylene	ND		1.96	2.18		mg/Kg		111	70 - 130	2	20
o-Xylene	ND		0.978	1.09		mg/Kg		111	70 - 130	1	20
Toluene	ND		0.978	1.09		mg/Kg		112	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		48 - 145

Lab Sample ID: 885-13995-25 MS

Matrix: Solid

Analysis Batch: 14833

Client Sample ID: BH24-22 0'

Prep Type: Total/NA

Prep Batch: 14658

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.992	1.04		mg/Kg		105	70 - 130
Ethylbenzene	ND		0.992	1.03		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	ND		1.98	2.05		mg/Kg		103	70 - 130
o-Xylene	ND		0.992	1.02		mg/Kg		103	70 - 130
Toluene	ND		0.992	1.03		mg/Kg		104	70 - 130

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QC Sample Results

Client: Vertex

Job ID: 885-13995-1

Project/Site: Snapping 10 Fed 3H

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

Lab Sample ID: 885-13995-25 MS

Matrix: Solid

Analysis Batch: 14833

Client Sample ID: BH24-22 0'

Prep Type: Total/NA

Prep Batch: 14658

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		48 - 145

Lab Sample ID: 885-13995-25 MSD

Matrix: Solid

Analysis Batch: 14833

Client Sample ID: BH24-22 0'

Prep Type: Total/NA

Prep Batch: 14658

	Sample	Sample	Spike	MSD	MSD				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Benzene	ND		0.991	1.08		mg/Kg		109	70 - 130	4
Ethylbenzene	ND		0.991	1.10		mg/Kg		111	70 - 130	6
m-Xylene & p-Xylene	ND		1.98	2.17		mg/Kg		109	70 - 130	5
o-Xylene	ND		0.991	1.09		mg/Kg		110	70 - 130	6
Toluene	ND		0.991	1.08		mg/Kg		109	70 - 130	5

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		48 - 145

Lab Sample ID: MB 885-14725/1-A

Matrix: Solid

Analysis Batch: 14833

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14725

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/22/24 13:38	10/23/24 18:35	1	
Ethylbenzene	ND		0.050	mg/Kg		10/22/24 13:38	10/23/24 18:35	1	
Toluene	ND		0.050	mg/Kg		10/22/24 13:38	10/23/24 18:35	1	
Xylenes, Total	ND		0.10	mg/Kg		10/22/24 13:38	10/23/24 18:35	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	98		48 - 145	10/22/24 13:38	10/23/24 18:35	1			

Lab Sample ID: MB 885-4592/1-A

Matrix: Solid

Analysis Batch: 14741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4592

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		05/08/24 12:36	10/22/24 17:40	1	
Ethylbenzene	ND		0.050	mg/Kg		05/08/24 12:36	10/22/24 17:40	1	
Toluene	ND		0.050	mg/Kg		05/08/24 12:36	10/22/24 17:40	1	
Xylenes, Total	ND		0.10	mg/Kg		05/08/24 12:36	10/22/24 17:40	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	95		48 - 145	05/08/24 12:36	10/22/24 17:40	1			

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QC Sample Results

Client: Vertex

Job ID: 885-13995-1

Project/Site: Snapping 10 Fed 3H

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

Lab Sample ID: MB 885-14629/1-A

Matrix: Solid

Analysis Batch: 14585

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14629

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/21/24 12:47	10/21/24 14:39	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/21/24 12:47	10/21/24 14:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			10/21/24 12:47	10/21/24 14:39	1

Lab Sample ID: LCS 885-14629/2-A

Matrix: Solid

Analysis Batch: 14585

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14629

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	45.8		mg/Kg		92	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	92		62 - 134				

Lab Sample ID: 885-13995-1 MS

Matrix: Solid

Analysis Batch: 14585

Client Sample ID: BH24-03 1'

Prep Type: Total/NA

Prep Batch: 14629

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	44	F1	47.0	77.7		mg/Kg		71	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	85		62 - 134						

Lab Sample ID: 885-13995-1 MSD

Matrix: Solid

Analysis Batch: 14585

Client Sample ID: BH24-03 1'

Prep Type: Total/NA

Prep Batch: 14629

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	44	F1	47.1	61.9	F1	mg/Kg		37	44 - 136	23	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	89		62 - 134								

Lab Sample ID: MB 885-14703/1-A

Matrix: Solid

Analysis Batch: 14695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14703

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/22/24 10:57	10/22/24 15:47	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/22/24 10:57	10/22/24 15:47	1

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QC Sample Results

Client: Vertex

Job ID: 885-13995-1

Project/Site: Snapping 10 Fed 3H

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

Lab Sample ID: MB 885-14703/1-A

Matrix: Solid

Analysis Batch: 14695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14703

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
Di-n-octyl phthalate (Surr)	95		62 - 134	10/22/24 10:57	10/22/24 15:47	1				

Lab Sample ID: LCS 885-14703/2-A

Matrix: Solid

Analysis Batch: 14695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14703

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	36.3		mg/Kg		73	60 - 135		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	95		62 - 134								

Lab Sample ID: 885-13995-21 MS

Matrix: Solid

Analysis Batch: 14695

Client Sample ID: BH24-20 1'

Prep Type: Total/NA

Prep Batch: 14703

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.4	45.7		mg/Kg		95	44 - 136		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	95		62 - 134								

Lab Sample ID: 885-13995-21 MSD

Matrix: Solid

Analysis Batch: 14695

Client Sample ID: BH24-20 1'

Prep Type: Total/NA

Prep Batch: 14703

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		47.8	55.3		mg/Kg		116	44 - 136	19	32
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	113		62 - 134								

Lab Sample ID: MB 885-14742/1-A

Matrix: Solid

Analysis Batch: 14695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14742

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/22/24 15:57	10/22/24 21:39	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/22/24 15:57	10/22/24 21:39	1
Surrogate	MB	MB						
	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	112		62 - 134			10/22/24 15:57	10/22/24 21:39	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-13995-1

Project/Site: Snapping 10 Fed 3H

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

Lab Sample ID: LCS 885-14742/2-A

Matrix: Solid

Analysis Batch: 14695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14742

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits		
			Added	Result	Qualifier							
Diesel Range Organics [C10-C28]			50.0	57.5		mg/Kg		115		60 - 135		
Surrogate	LCS	LCS										
	%Recovery	Qualifier	Limits									
Di-n-octyl phthalate (Surr)	118		62 - 134									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-14640/1-A

Matrix: Solid

Analysis Batch: 14643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14640

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		10/21/24 14:25	10/22/24 00:08	1

Lab Sample ID: LCS 885-14640/2-A

Matrix: Solid

Analysis Batch: 14643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	30.3		mg/Kg		101	90 - 110

Lab Sample ID: MB 885-14709/1-A

Matrix: Solid

Analysis Batch: 14713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14709

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		10/22/24 12:27	10/22/24 15:49	1

Lab Sample ID: LCS 885-14709/2-A

Matrix: Solid

Analysis Batch: 14713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	29.3		mg/Kg		98	90 - 110

Lab Sample ID: 885-13995-12 MS

Matrix: Solid

Analysis Batch: 14713

Client Sample ID: BH24-15 0'

Prep Type: Total/NA

Prep Batch: 14709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	130		30.2	164	4	mg/Kg		114	50 - 150

Lab Sample ID: 885-13995-12 MSD

Matrix: Solid

Analysis Batch: 14713

Client Sample ID: BH24-15 0'

Prep Type: Total/NA

Prep Batch: 14709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	130		30.1	155	4	mg/Kg		83	50 - 150	6	20

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QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-14766/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 14776						Prep Batch: 14766			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		3.0	mg/Kg		10/23/24 10:05	10/23/24 12:27	1	

Lab Sample ID: LCS 885-14766/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 14776						Prep Batch: 14766			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			30.0	28.8		mg/Kg		96	90 - 110

Lab Sample ID: 885-13995-22 MS						Client Sample ID: BH24-21 0'			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 14776						Prep Batch: 14766			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	490		29.9	532	4	mg/Kg		127	50 - 150

QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

GC VOA

Prep Batch: 4592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-4592/1-A	Method Blank	Total/NA	Solid	5030C	

Prep Batch: 14592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-1	BH24-03 1'	Total/NA	Solid	5030C	
885-13995-2	BH24-04 1.5'	Total/NA	Solid	5030C	
885-13995-3	BH24-05 1'	Total/NA	Solid	5030C	
LCS 885-14592/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-14592/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 14620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-4	BH24-06 1'	Total/NA	Solid	5030C	
885-13995-5	BH24-08 1'	Total/NA	Solid	5030C	
885-13995-6	BH24-11 0'	Total/NA	Solid	5030C	
885-13995-7	BH24-11 1'	Total/NA	Solid	5030C	
885-13995-8	BH24-13 0'	Total/NA	Solid	5030C	
885-13995-9	BH24-13 1'	Total/NA	Solid	5030C	
885-13995-10	BH24-13 2.0'	Total/NA	Solid	5030C	
885-13995-11	BH24-14 1'	Total/NA	Solid	5030C	
885-13995-12	BH24-15 0'	Total/NA	Solid	5030C	
885-13995-13	BH24-15 1'	Total/NA	Solid	5030C	
885-13995-14	BH24-15 2'	Total/NA	Solid	5030C	
885-13995-15	BH24-16 1'	Total/NA	Solid	5030C	
885-13995-16	BH24-17 1.5'	Total/NA	Solid	5030C	
885-13995-17	BH24-18 1'	Total/NA	Solid	5030C	
885-13995-18	BH24-19 0'	Total/NA	Solid	5030C	
885-13995-19	BH24-19 1'	Total/NA	Solid	5030C	
885-13995-20	BH24-20 0'	Total/NA	Solid	5030C	
885-13995-21	BH24-20 1'	Total/NA	Solid	5030C	
885-13995-22	BH24-21 0'	Total/NA	Solid	5030C	
885-13995-23	BH24-21 1'	Total/NA	Solid	5030C	
MB 885-14620/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-14620/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-14620/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-13995-4 MS	BH24-06 1'	Total/NA	Solid	5030C	
885-13995-4 MSD	BH24-06 1'	Total/NA	Solid	5030C	
885-13995-5 MS	BH24-08 1'	Total/NA	Solid	5030C	
885-13995-5 MSD	BH24-08 1'	Total/NA	Solid	5030C	

Prep Batch: 14658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-24	BH24-21 1.5'	Total/NA	Solid	5030C	
885-13995-25	BH24-22 0'	Total/NA	Solid	5030C	
885-13995-26	BH24-22 1'	Total/NA	Solid	5030C	
MB 885-14658/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-14658/2-A	Lab Control Sample	Total/NA	Solid	5030C	
885-13995-24 MS	BH24-21 1.5'	Total/NA	Solid	5030C	
885-13995-24 MSD	BH24-21 1.5'	Total/NA	Solid	5030C	
885-13995-25 MS	BH24-22 0'	Total/NA	Solid	5030C	
885-13995-25 MSD	BH24-22 0'	Total/NA	Solid	5030C	

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QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

GC VOA

Prep Batch: 14725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-14725/1-A	Method Blank	Total/NA	Solid	5030C	

Analysis Batch: 14740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-1	BH24-03 1'	Total/NA	Solid	8015M/D	14592
885-13995-2	BH24-04 1.5'	Total/NA	Solid	8015M/D	14592
885-13995-3	BH24-05 1'	Total/NA	Solid	8015M/D	14592
MB 885-4592/1-A	Method Blank	Total/NA	Solid	8015M/D	4592
LCS 885-14592/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	14592

Analysis Batch: 14741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-1	BH24-03 1'	Total/NA	Solid	8021B	14592
885-13995-2	BH24-04 1.5'	Total/NA	Solid	8021B	14592
885-13995-3	BH24-05 1'	Total/NA	Solid	8021B	14592
MB 885-4592/1-A	Method Blank	Total/NA	Solid	8021B	4592
LCS 885-14592/3-A	Lab Control Sample	Total/NA	Solid	8021B	14592

Analysis Batch: 14760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-4	BH24-06 1'	Total/NA	Solid	8015M/D	14620
885-13995-5	BH24-08 1'	Total/NA	Solid	8015M/D	14620
885-13995-6	BH24-11 0'	Total/NA	Solid	8015M/D	14620
885-13995-7	BH24-11 1'	Total/NA	Solid	8015M/D	14620
885-13995-8	BH24-13 0'	Total/NA	Solid	8015M/D	14620
885-13995-9	BH24-13 1'	Total/NA	Solid	8015M/D	14620
885-13995-10	BH24-13 2.0'	Total/NA	Solid	8015M/D	14620
885-13995-11	BH24-14 1'	Total/NA	Solid	8015M/D	14620
885-13995-12	BH24-15 0'	Total/NA	Solid	8015M/D	14620
885-13995-13	BH24-15 1'	Total/NA	Solid	8015M/D	14620
885-13995-14	BH24-15 2'	Total/NA	Solid	8015M/D	14620
885-13995-15	BH24-16 1'	Total/NA	Solid	8015M/D	14620
885-13995-16	BH24-17 1.5'	Total/NA	Solid	8015M/D	14620
885-13995-17	BH24-18 1'	Total/NA	Solid	8015M/D	14620
885-13995-18	BH24-19 0'	Total/NA	Solid	8015M/D	14620
885-13995-19	BH24-19 1'	Total/NA	Solid	8015M/D	14620
885-13995-20	BH24-20 0'	Total/NA	Solid	8015M/D	14620
885-13995-21	BH24-20 1'	Total/NA	Solid	8015M/D	14620
885-13995-22	BH24-21 0'	Total/NA	Solid	8015M/D	14620
885-13995-23	BH24-21 1'	Total/NA	Solid	8015M/D	14620
MB 885-14620/1-A	Method Blank	Total/NA	Solid	8015M/D	14620
LCS 885-14620/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	14620

Analysis Batch: 14761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-24	BH24-21 1.5'	Total/NA	Solid	8015M/D	14658
885-13995-25	BH24-22 0'	Total/NA	Solid	8015M/D	14658
885-13995-26	BH24-22 1'	Total/NA	Solid	8015M/D	14658
MB 885-14658/1-A	Method Blank	Total/NA	Solid	8015M/D	14658
LCS 885-14658/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	14658
885-13995-24 MS	BH24-21 1.5'	Total/NA	Solid	8015M/D	14658

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QC Association Summary

Client: Vertex

Job ID: 885-13995-1

Project/Site: Snapping 10 Fed 3H

GC VOA (Continued)

Analysis Batch: 14761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-24 MSD	BH24-21 1.5'	Total/NA	Solid	8015M/D	14658

Analysis Batch: 14762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-4	BH24-06 1'	Total/NA	Solid	8021B	14620
885-13995-5	BH24-08 1'	Total/NA	Solid	8021B	14620
885-13995-6	BH24-11 0'	Total/NA	Solid	8021B	14620
885-13995-7	BH24-11 1'	Total/NA	Solid	8021B	14620
885-13995-8	BH24-13 0'	Total/NA	Solid	8021B	14620
885-13995-9	BH24-13 1'	Total/NA	Solid	8021B	14620
885-13995-10	BH24-13 2.0'	Total/NA	Solid	8021B	14620
885-13995-11	BH24-14 1'	Total/NA	Solid	8021B	14620
885-13995-12	BH24-15 0'	Total/NA	Solid	8021B	14620
885-13995-13	BH24-15 1'	Total/NA	Solid	8021B	14620
885-13995-14	BH24-15 2'	Total/NA	Solid	8021B	14620
885-13995-15	BH24-16 1'	Total/NA	Solid	8021B	14620
885-13995-16	BH24-17 1.5'	Total/NA	Solid	8021B	14620
885-13995-17	BH24-18 1'	Total/NA	Solid	8021B	14620
885-13995-18	BH24-19 0'	Total/NA	Solid	8021B	14620
885-13995-19	BH24-19 1'	Total/NA	Solid	8021B	14620
885-13995-20	BH24-20 0'	Total/NA	Solid	8021B	14620
885-13995-21	BH24-20 1'	Total/NA	Solid	8021B	14620
885-13995-22	BH24-21 0'	Total/NA	Solid	8021B	14620
885-13995-23	BH24-21 1'	Total/NA	Solid	8021B	14620
MB 885-14620/1-A	Method Blank	Total/NA	Solid	8021B	14620
LCS 885-14620/3-A	Lab Control Sample	Total/NA	Solid	8021B	14620
885-13995-5 MS	BH24-08 1'	Total/NA	Solid	8021B	14620
885-13995-5 MSD	BH24-08 1'	Total/NA	Solid	8021B	14620

Analysis Batch: 14831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-4 MS	BH24-06 1'	Total/NA	Solid	8015M/D	14620
885-13995-4 MSD	BH24-06 1'	Total/NA	Solid	8015M/D	14620

Analysis Batch: 14833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-24	BH24-21 1.5'	Total/NA	Solid	8021B	14658
885-13995-25	BH24-22 0'	Total/NA	Solid	8021B	14658
885-13995-26	BH24-22 1'	Total/NA	Solid	8021B	14658
MB 885-14725/1-A	Method Blank	Total/NA	Solid	8021B	14725
LCS 885-14620/3-A	Lab Control Sample	Total/NA	Solid	8021B	14620
885-13995-25 MS	BH24-22 0'	Total/NA	Solid	8021B	14658
885-13995-25 MSD	BH24-22 0'	Total/NA	Solid	8021B	14658

GC Semi VOA

Analysis Batch: 14585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-1	BH24-03 1'	Total/NA	Solid	8015M/D	14629
MB 885-14629/1-A	Method Blank	Total/NA	Solid	8015M/D	14629
LCS 885-14629/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	14629

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QC Association Summary

Client: Vertex

Job ID: 885-13995-1

Project/Site: Snapping 10 Fed 3H

GC Semi VOA (Continued)

Analysis Batch: 14585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-1 MS	BH24-03 1'	Total/NA	Solid	8015M/D	14629
885-13995-1 MSD	BH24-03 1'	Total/NA	Solid	8015M/D	14629

Prep Batch: 14629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-1	BH24-03 1'	Total/NA	Solid	SHAKE	
MB 885-14629/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-14629/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-13995-1 MS	BH24-03 1'	Total/NA	Solid	SHAKE	
885-13995-1 MSD	BH24-03 1'	Total/NA	Solid	SHAKE	

Analysis Batch: 14695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-2	BH24-04 1.5'	Total/NA	Solid	8015M/D	14703
885-13995-3	BH24-05 1'	Total/NA	Solid	8015M/D	14703
885-13995-4	BH24-06 1'	Total/NA	Solid	8015M/D	14703
885-13995-5	BH24-08 1'	Total/NA	Solid	8015M/D	14703
885-13995-6	BH24-11 0'	Total/NA	Solid	8015M/D	14703
885-13995-7	BH24-11 1'	Total/NA	Solid	8015M/D	14703
885-13995-8	BH24-13 0'	Total/NA	Solid	8015M/D	14703
885-13995-9	BH24-13 1'	Total/NA	Solid	8015M/D	14703
885-13995-10	BH24-13 2.0'	Total/NA	Solid	8015M/D	14703
885-13995-11	BH24-14 1'	Total/NA	Solid	8015M/D	14703
885-13995-12	BH24-15 0'	Total/NA	Solid	8015M/D	14703
885-13995-13	BH24-15 1'	Total/NA	Solid	8015M/D	14703
885-13995-14	BH24-15 2'	Total/NA	Solid	8015M/D	14703
885-13995-15	BH24-16 1'	Total/NA	Solid	8015M/D	14703
885-13995-16	BH24-17 1.5'	Total/NA	Solid	8015M/D	14703
885-13995-17	BH24-18 1'	Total/NA	Solid	8015M/D	14703
885-13995-18	BH24-19 0'	Total/NA	Solid	8015M/D	14703
885-13995-19	BH24-19 1'	Total/NA	Solid	8015M/D	14703
885-13995-20	BH24-20 0'	Total/NA	Solid	8015M/D	14703
885-13995-21	BH24-20 1'	Total/NA	Solid	8015M/D	14703
885-13995-22	BH24-21 0'	Total/NA	Solid	8015M/D	14742
885-13995-23	BH24-21 1'	Total/NA	Solid	8015M/D	14742
885-13995-24	BH24-21 1.5'	Total/NA	Solid	8015M/D	14742
885-13995-25	BH24-22 0'	Total/NA	Solid	8015M/D	14742
885-13995-26	BH24-22 1'	Total/NA	Solid	8015M/D	14742
MB 885-14703/1-A	Method Blank	Total/NA	Solid	8015M/D	14703
MB 885-14742/1-A	Method Blank	Total/NA	Solid	8015M/D	14742
LCS 885-14703/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	14703
LCS 885-14742/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	14742
885-13995-21 MS	BH24-20 1'	Total/NA	Solid	8015M/D	14703
885-13995-21 MSD	BH24-20 1'	Total/NA	Solid	8015M/D	14703

Prep Batch: 14703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-2	BH24-04 1.5'	Total/NA	Solid	SHAKE	
885-13995-3	BH24-05 1'	Total/NA	Solid	SHAKE	
885-13995-4	BH24-06 1'	Total/NA	Solid	SHAKE	
885-13995-5	BH24-08 1'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

GC Semi VOA (Continued)

Prep Batch: 14703 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-6	BH24-11 0'	Total/NA	Solid	SHAKE	
885-13995-7	BH24-11 1'	Total/NA	Solid	SHAKE	
885-13995-8	BH24-13 0'	Total/NA	Solid	SHAKE	
885-13995-9	BH24-13 1'	Total/NA	Solid	SHAKE	
885-13995-10	BH24-13 2.0'	Total/NA	Solid	SHAKE	
885-13995-11	BH24-14 1'	Total/NA	Solid	SHAKE	
885-13995-12	BH24-15 0'	Total/NA	Solid	SHAKE	
885-13995-13	BH24-15 1'	Total/NA	Solid	SHAKE	
885-13995-14	BH24-15 2'	Total/NA	Solid	SHAKE	
885-13995-15	BH24-16 1'	Total/NA	Solid	SHAKE	
885-13995-16	BH24-17 1.5'	Total/NA	Solid	SHAKE	
885-13995-17	BH24-18 1'	Total/NA	Solid	SHAKE	
885-13995-18	BH24-19 0'	Total/NA	Solid	SHAKE	
885-13995-19	BH24-19 1'	Total/NA	Solid	SHAKE	
885-13995-20	BH24-20 0'	Total/NA	Solid	SHAKE	
885-13995-21	BH24-20 1'	Total/NA	Solid	SHAKE	
MB 885-14703/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-14703/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-13995-21 MS	BH24-20 1'	Total/NA	Solid	SHAKE	
885-13995-21 MSD	BH24-20 1'	Total/NA	Solid	SHAKE	

Prep Batch: 14742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-22	BH24-21 0'	Total/NA	Solid	SHAKE	
885-13995-23	BH24-21 1'	Total/NA	Solid	SHAKE	
885-13995-24	BH24-21 1.5'	Total/NA	Solid	SHAKE	
885-13995-25	BH24-22 0'	Total/NA	Solid	SHAKE	
885-13995-26	BH24-22 1'	Total/NA	Solid	SHAKE	
MB 885-14742/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-14742/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 14640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-1	BH24-03 1'	Total/NA	Solid	300_Prep	
MB 885-14640/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-14640/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 14643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-1	BH24-03 1'	Total/NA	Solid	300.0	14640
MB 885-14640/1-A	Method Blank	Total/NA	Solid	300.0	14640
LCS 885-14640/2-A	Lab Control Sample	Total/NA	Solid	300.0	14640

Prep Batch: 14709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-2	BH24-04 1.5'	Total/NA	Solid	300_Prep	
885-13995-3	BH24-05 1'	Total/NA	Solid	300_Prep	
885-13995-4	BH24-06 1'	Total/NA	Solid	300_Prep	
885-13995-5	BH24-08 1'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-13995-1

Project/Site: Snapping 10 Fed 3H

HPLC/IC (Continued)

Prep Batch: 14709 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-6	BH24-11 0'	Total/NA	Solid	300_Prep	
885-13995-7	BH24-11 1'	Total/NA	Solid	300_Prep	
885-13995-8	BH24-13 0'	Total/NA	Solid	300_Prep	
885-13995-9	BH24-13 1'	Total/NA	Solid	300_Prep	
885-13995-10	BH24-13 2.0'	Total/NA	Solid	300_Prep	
885-13995-11	BH24-14 1'	Total/NA	Solid	300_Prep	
885-13995-12	BH24-15 0'	Total/NA	Solid	300_Prep	
885-13995-13	BH24-15 1'	Total/NA	Solid	300_Prep	
885-13995-14	BH24-15 2'	Total/NA	Solid	300_Prep	
885-13995-15	BH24-16 1'	Total/NA	Solid	300_Prep	
885-13995-16	BH24-17 1.5'	Total/NA	Solid	300_Prep	
885-13995-17	BH24-18 1'	Total/NA	Solid	300_Prep	
885-13995-18	BH24-19 0'	Total/NA	Solid	300_Prep	
885-13995-19	BH24-19 1'	Total/NA	Solid	300_Prep	
885-13995-20	BH24-20 0'	Total/NA	Solid	300_Prep	
885-13995-21	BH24-20 1'	Total/NA	Solid	300_Prep	
MB 885-14709/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-14709/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-13995-12 MS	BH24-15 0'	Total/NA	Solid	300_Prep	
885-13995-12 MSD	BH24-15 0'	Total/NA	Solid	300_Prep	

Analysis Batch: 14713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-2	BH24-04 1.5'	Total/NA	Solid	300.0	14709
885-13995-3	BH24-05 1'	Total/NA	Solid	300.0	14709
885-13995-4	BH24-06 1'	Total/NA	Solid	300.0	14709
885-13995-5	BH24-08 1'	Total/NA	Solid	300.0	14709
885-13995-6	BH24-11 0'	Total/NA	Solid	300.0	14709
885-13995-7	BH24-11 1'	Total/NA	Solid	300.0	14709
885-13995-8	BH24-13 0'	Total/NA	Solid	300.0	14709
885-13995-9	BH24-13 1'	Total/NA	Solid	300.0	14709
885-13995-10	BH24-13 2.0'	Total/NA	Solid	300.0	14709
885-13995-11	BH24-14 1'	Total/NA	Solid	300.0	14709
885-13995-12	BH24-15 0'	Total/NA	Solid	300.0	14709
885-13995-13	BH24-15 1'	Total/NA	Solid	300.0	14709
885-13995-14	BH24-15 2'	Total/NA	Solid	300.0	14709
885-13995-15	BH24-16 1'	Total/NA	Solid	300.0	14709
885-13995-16	BH24-17 1.5'	Total/NA	Solid	300.0	14709
885-13995-17	BH24-18 1'	Total/NA	Solid	300.0	14709
885-13995-18	BH24-19 0'	Total/NA	Solid	300.0	14709
885-13995-19	BH24-19 1'	Total/NA	Solid	300.0	14709
885-13995-20	BH24-20 0'	Total/NA	Solid	300.0	14709
885-13995-21	BH24-20 1'	Total/NA	Solid	300.0	14709
MB 885-14709/1-A	Method Blank	Total/NA	Solid	300.0	14709
LCS 885-14709/2-A	Lab Control Sample	Total/NA	Solid	300.0	14709
885-13995-12 MS	BH24-15 0'	Total/NA	Solid	300.0	14709
885-13995-12 MSD	BH24-15 0'	Total/NA	Solid	300.0	14709

Prep Batch: 14766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-22	BH24-21 0'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

HPLC/IC (Continued)

Prep Batch: 14766 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-23	BH24-21 1'	Total/NA	Solid	300_Prep	
885-13995-24	BH24-21 1.5'	Total/NA	Solid	300_Prep	
885-13995-25	BH24-22 0'	Total/NA	Solid	300_Prep	
885-13995-26	BH24-22 1'	Total/NA	Solid	300_Prep	
MB 885-14766/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-14766/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-13995-22 MS	BH24-21 0'	Total/NA	Solid	300_Prep	

Analysis Batch: 14776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13995-22	BH24-21 0'	Total/NA	Solid	300.0	14766
885-13995-23	BH24-21 1'	Total/NA	Solid	300.0	14766
885-13995-24	BH24-21 1.5'	Total/NA	Solid	300.0	14766
885-13995-25	BH24-22 0'	Total/NA	Solid	300.0	14766
885-13995-26	BH24-22 1'	Total/NA	Solid	300.0	14766
MB 885-14766/1-A	Method Blank	Total/NA	Solid	300.0	14766
LCS 885-14766/2-A	Lab Control Sample	Total/NA	Solid	300.0	14766
885-13995-22 MS	BH24-21 0'	Total/NA	Solid	300.0	14766

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-03 1'

Lab Sample ID: 885-13995-1

Date Collected: 10/14/24 11:55

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/23/24 03:30
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/23/24 03:30
Total/NA	Prep	SHAKE			14629	KR	EET ALB	10/21/24 12:47
Total/NA	Analysis	8015M/D		1	14585	KR	EET ALB	10/21/24 19:45
Total/NA	Prep	300_Prep			14640	EH	EET ALB	10/21/24 14:25
Total/NA	Analysis	300.0		20	14643	EH	EET ALB	10/22/24 05:01

Client Sample ID: BH24-04 1.5'

Lab Sample ID: 885-13995-2

Date Collected: 10/14/24 12:00

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/23/24 03:54
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/23/24 03:54
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 16:11
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 16:08

Client Sample ID: BH24-05 1'

Lab Sample ID: 885-13995-3

Date Collected: 10/14/24 12:05

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/23/24 04:17
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/23/24 04:17
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 16:24
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 16:38

Client Sample ID: BH24-06 1'

Lab Sample ID: 885-13995-4

Date Collected: 10/14/24 12:10

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 13:02

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Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-06 1'
Date Collected: 10/14/24 12:10
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 13:02
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 16:36
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 16:48

Client Sample ID: BH24-08 1'
Date Collected: 10/14/24 12:15
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 14:08
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 14:08
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 16:48
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 16:57

Client Sample ID: BH24-11 0'
Date Collected: 10/15/24 11:00
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 15:13
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 15:13
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 17:00
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 17:07

Client Sample ID: BH24-11 1'
Date Collected: 10/15/24 11:05
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 15:35
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 15:35

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-11 1'
Date Collected: 10/15/24 11:05
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 17:12
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 17:17

Client Sample ID: BH24-13 0'
Date Collected: 10/15/24 11:20
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 15:56
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 15:56
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 17:25
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 17:47

Client Sample ID: BH24-13 1'
Date Collected: 10/15/24 11:25
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 16:18
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 16:18
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 17:37
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 17:57

Client Sample ID: BH24-13 2.0'
Date Collected: 10/15/24 11:30
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 16:40
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 16:40
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 18:01

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-13 2.0'

Lab Sample ID: 885-13995-10

Date Collected: 10/15/24 11:30

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 18:06

Client Sample ID: BH24-14 1'

Lab Sample ID: 885-13995-11

Date Collected: 10/15/24 11:40

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 17:02
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 17:02
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 18:13
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 18:16

Client Sample ID: BH24-15 0'

Lab Sample ID: 885-13995-12

Date Collected: 10/15/24 11:45

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 17:23
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 17:23
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 18:25
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 18:26

Client Sample ID: BH24-15 1'

Lab Sample ID: 885-13995-13

Date Collected: 10/15/24 11:50

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 17:45
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 17:45
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 18:37
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 18:56

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-15 2'

Lab Sample ID: 885-13995-14

Date Collected: 10/15/24 11:55

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 18:29
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 18:29
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 18:50
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 19:05

Client Sample ID: BH24-16 1'

Lab Sample ID: 885-13995-15

Date Collected: 10/14/24 12:00

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 18:50
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 18:50
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 19:02
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 19:15

Client Sample ID: BH24-17 1.5'

Lab Sample ID: 885-13995-16

Date Collected: 10/14/24 12:05

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 19:12
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 19:12
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 19:14
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 19:45

Client Sample ID: BH24-18 1'

Lab Sample ID: 885-13995-17

Date Collected: 10/15/24 12:05

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 19:33

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-18 1'
Date Collected: 10/15/24 12:05
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 19:33
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 19:26
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 19:55

Client Sample ID: BH24-19 0'
Date Collected: 10/16/24 09:40
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 19:55
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 19:55
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 19:38
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 20:04

Client Sample ID: BH24-19 1'
Date Collected: 10/16/24 09:45
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 20:17
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 20:17
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 19:50
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 20:14

Client Sample ID: BH24-20 0'
Date Collected: 10/16/24 09:50
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 20:39
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 20:39

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-20 0'
Date Collected: 10/16/24 09:50
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 20:14
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 20:24

Client Sample ID: BH24-20 1'
Date Collected: 10/16/24 09:55
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 21:01
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 21:01
Total/NA	Prep	SHAKE			14703	EM	EET ALB	10/22/24 10:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 20:27
Total/NA	Prep	300_Prep			14709	EH	EET ALB	10/22/24 12:27
Total/NA	Analysis	300.0		20	14713	EH	EET ALB	10/22/24 20:34

Client Sample ID: BH24-21 0'
Date Collected: 10/16/24 10:00
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 21:23
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 21:23
Total/NA	Prep	SHAKE			14742	EM	EET ALB	10/22/24 15:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 22:03
Total/NA	Prep	300_Prep			14766	EH	EET ALB	10/23/24 10:05
Total/NA	Analysis	300.0		20	14776	JT	EET ALB	10/23/24 12:49

Client Sample ID: BH24-21 1'
Date Collected: 10/16/24 10:05
Date Received: 10/19/24 11:35

Lab Sample ID: 885-13995-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8015M/D		1	14760	AT	EET ALB	10/22/24 21:44
Total/NA	Prep	5030C			14620	JP	EET ALB	10/21/24 11:25
Total/NA	Analysis	8021B		1	14762	AT	EET ALB	10/22/24 21:44
Total/NA	Prep	SHAKE			14742	EM	EET ALB	10/22/24 15:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 22:15

Lab Chronicle

Client: Vertex

Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Client Sample ID: BH24-21 1'

Lab Sample ID: 885-13995-23

Date Collected: 10/16/24 10:05

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			14766	EH	EET ALB	10/23/24 10:05
Total/NA	Analysis	300.0		20	14776	JT	EET ALB	10/23/24 13:22

Client Sample ID: BH24-21 1.5'

Lab Sample ID: 885-13995-24

Date Collected: 10/16/24 10:10

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14658	AT	EET ALB	10/21/24 16:01
Total/NA	Analysis	8015M/D		1	14761	AT	EET ALB	10/22/24 23:55
Total/NA	Prep	5030C			14658	AT	EET ALB	10/21/24 16:01
Total/NA	Analysis	8021B		1	14833	AT	EET ALB	10/23/24 18:57
Total/NA	Prep	SHAKE			14742	EM	EET ALB	10/22/24 15:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 22:28
Total/NA	Prep	300_Prep			14766	EH	EET ALB	10/23/24 10:05
Total/NA	Analysis	300.0		20	14776	JT	EET ALB	10/23/24 13:34

Client Sample ID: BH24-22 0'

Lab Sample ID: 885-13995-25

Date Collected: 10/16/24 10:15

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14658	AT	EET ALB	10/21/24 16:01
Total/NA	Analysis	8015M/D		1	14761	AT	EET ALB	10/23/24 01:00
Total/NA	Prep	5030C			14658	AT	EET ALB	10/21/24 16:01
Total/NA	Analysis	8021B		1	14833	AT	EET ALB	10/23/24 19:19
Total/NA	Prep	SHAKE			14742	EM	EET ALB	10/22/24 15:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 22:40
Total/NA	Prep	300_Prep			14766	EH	EET ALB	10/23/24 10:05
Total/NA	Analysis	300.0		20	14776	JT	EET ALB	10/23/24 13:45

Client Sample ID: BH24-22 1'

Lab Sample ID: 885-13995-26

Date Collected: 10/16/24 10:20

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14658	AT	EET ALB	10/21/24 16:03
Total/NA	Analysis	8015M/D		1	14761	AT	EET ALB	10/23/24 02:06
Total/NA	Prep	5030C			14658	AT	EET ALB	10/21/24 16:03
Total/NA	Analysis	8021B		1	14833	AT	EET ALB	10/23/24 20:23
Total/NA	Prep	SHAKE			14742	EM	EET ALB	10/22/24 15:57
Total/NA	Analysis	8015M/D		1	14695	EM	EET ALB	10/22/24 22:52
Total/NA	Prep	300_Prep			14766	EH	EET ALB	10/23/24 10:05
Total/NA	Analysis	300.0		20	14776	JT	EET ALB	10/23/24 13:56

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

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

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Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-13995-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-25

10/25/2024

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-13995-1

Login Number: 13995

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Sally Carttar
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 2/25/2025 4:25:54 PM

JOB DESCRIPTION

Snapping 10 Federal 3H

JOB NUMBER

885-20056-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 12/12/2025 6:57:22 AM

Eurofins Albuquerque

Job Notes

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

Authorization



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

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Laboratory Job ID: 885-20056-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-20056-1

Project/Site: Snapping 10 Federal 3H

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: Snapping 10 Federal 3H

Job ID: 885-20056-1

Job ID: 885-20056-1

Eurofins Albuquerque

Job Narrative 885-20056-1

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

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

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

Receipt

The samples were received on 2/18/2025 7:30 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

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-21141 recovered outside acceptance criteria, exceeding drift criteria, for surrogate. Since the analytes within the CCV met criteria and the associated samples had passing surrogate, the data has 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: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-10 6'

Lab Sample ID: 885-20056-1

Date Collected: 02/14/25 09:20

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/19/25 10:27	02/20/25 14:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			02/19/25 10:27	02/20/25 14:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 14:48	1
Ethylbenzene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 14:48	1
Toluene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 14:48	1
Xylenes, Total	ND		0.10	mg/Kg		02/19/25 10:27	02/20/25 14:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		48 - 145			02/19/25 10:27	02/20/25 14:48	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		10	mg/Kg		02/20/25 11:18	02/20/25 13:29	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/20/25 11:18	02/20/25 13:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			02/20/25 11:18	02/20/25 13:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	420		59	mg/Kg		02/19/25 09:59	02/19/25 17:23	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-02 4'

Lab Sample ID: 885-20056-2

Date Collected: 02/14/25 09:40

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/19/25 10:27	02/20/25 16:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			02/19/25 10:27	02/20/25 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 16:00	1
Ethylbenzene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 16:00	1
Toluene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 16:00	1
Xylenes, Total	ND		0.10	mg/Kg		02/19/25 10:27	02/20/25 16:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			02/19/25 10:27	02/20/25 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		02/20/25 11:18	02/20/25 13:39	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 13:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/20/25 11:18	02/20/25 13:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64		61	mg/Kg		02/19/25 09:59	02/19/25 17:53	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-23 0'

Lab Sample ID: 885-20056-3

Date Collected: 02/14/25 10:00

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		02/19/25 10:27	02/20/25 17:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			02/19/25 10:27	02/20/25 17:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/19/25 10:27	02/20/25 17:10	1
Ethylbenzene	ND		0.047	mg/Kg		02/19/25 10:27	02/20/25 17:10	1
Toluene	ND		0.047	mg/Kg		02/19/25 10:27	02/20/25 17:10	1
Xylenes, Total	ND		0.094	mg/Kg		02/19/25 10:27	02/20/25 17:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			02/19/25 10:27	02/20/25 17:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		02/20/25 11:18	02/20/25 13:50	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 13:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			02/20/25 11:18	02/20/25 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	980		60	mg/Kg		02/19/25 09:59	02/19/25 18:03	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-23 2'

Lab Sample ID: 885-20056-4

Date Collected: 02/14/25 10:20

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		02/19/25 10:27	02/20/25 17:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			02/19/25 10:27	02/20/25 17:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/19/25 10:27	02/20/25 17:34	1
Ethylbenzene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 17:34	1
Toluene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 17:34	1
Xylenes, Total	ND		0.097	mg/Kg		02/19/25 10:27	02/20/25 17:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		48 - 145			02/19/25 10:27	02/20/25 17:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		02/20/25 11:18	02/20/25 14:01	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/20/25 11:18	02/20/25 14:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/20/25 11:18	02/20/25 14:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		60	mg/Kg		02/19/25 09:59	02/19/25 18:13	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-24 0'

Lab Sample ID: 885-20056-5

Date Collected: 02/14/25 10:40

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		02/19/25 10:27	02/20/25 17:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			02/19/25 10:27	02/20/25 17:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/19/25 10:27	02/20/25 17:58	1
Ethylbenzene	ND		0.047	mg/Kg		02/19/25 10:27	02/20/25 17:58	1
Toluene	ND		0.047	mg/Kg		02/19/25 10:27	02/20/25 17:58	1
Xylenes, Total	ND		0.095	mg/Kg		02/19/25 10:27	02/20/25 17:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/19/25 10:27	02/20/25 17:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		02/20/25 11:18	02/20/25 14:11	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 14:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/20/25 11:18	02/20/25 14:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		60	mg/Kg		02/19/25 09:59	02/19/25 18:23	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-24 2'

Lab Sample ID: 885-20056-6

Date Collected: 02/14/25 11:00

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		02/19/25 10:27	02/20/25 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			02/19/25 10:27	02/20/25 18:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/19/25 10:27	02/20/25 18:22	1
Ethylbenzene	ND		0.047	mg/Kg		02/19/25 10:27	02/20/25 18:22	1
Toluene	ND		0.047	mg/Kg		02/19/25 10:27	02/20/25 18:22	1
Xylenes, Total	ND		0.094	mg/Kg		02/19/25 10:27	02/20/25 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/19/25 10:27	02/20/25 18:22	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		02/20/25 11:18	02/20/25 14:44	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 14:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/20/25 11:18	02/20/25 14:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		02/19/25 09:59	02/19/25 18:32	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-25 0'

Lab Sample ID: 885-20056-7

Date Collected: 02/14/25 11:20

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		02/19/25 10:27	02/20/25 18:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			02/19/25 10:27	02/20/25 18:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/19/25 10:27	02/20/25 18:46	1
Ethylbenzene	ND		0.048	mg/Kg		02/19/25 10:27	02/20/25 18:46	1
Toluene	ND		0.048	mg/Kg		02/19/25 10:27	02/20/25 18:46	1
Xylenes, Total	ND		0.096	mg/Kg		02/19/25 10:27	02/20/25 18:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/19/25 10:27	02/20/25 18:46	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		10	mg/Kg		02/20/25 11:18	02/20/25 19:15	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/20/25 11:18	02/20/25 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			02/20/25 11:18	02/20/25 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		02/19/25 09:59	02/19/25 18:42	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-25 2'

Lab Sample ID: 885-20056-8

Date Collected: 02/14/25 11:40

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		02/19/25 10:27	02/20/25 19:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			02/19/25 10:27	02/20/25 19:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 19:09	1
Ethylbenzene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 19:09	1
Toluene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 19:09	1
Xylenes, Total	ND		0.099	mg/Kg		02/19/25 10:27	02/20/25 19:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			02/19/25 10:27	02/20/25 19:09	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		9.3	mg/Kg		02/20/25 11:18	02/20/25 15:16	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/20/25 11:18	02/20/25 15:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	113		62 - 134			02/20/25 11:18	02/20/25 15:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600		60	mg/Kg		02/19/25 09:59	02/19/25 18:52	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-26 0'

Lab Sample ID: 885-20056-9

Date Collected: 02/14/25 12:00

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		02/19/25 10:27	02/20/25 19:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			02/19/25 10:27	02/20/25 19:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/19/25 10:27	02/20/25 19:33	1
Ethylbenzene	ND		0.048	mg/Kg		02/19/25 10:27	02/20/25 19:33	1
Toluene	ND		0.048	mg/Kg		02/19/25 10:27	02/20/25 19:33	1
Xylenes, Total	ND		0.096	mg/Kg		02/19/25 10:27	02/20/25 19:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		48 - 145			02/19/25 10:27	02/20/25 19:33	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		10	mg/Kg		02/20/25 11:18	02/20/25 15:27	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/20/25 11:18	02/20/25 15:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			02/20/25 11:18	02/20/25 15:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		60	mg/Kg		02/19/25 09:59	02/19/25 19:22	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-26 1'

Lab Sample ID: 885-20056-10

Date Collected: 02/14/25 12:20

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/19/25 10:27	02/20/25 19:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			02/19/25 10:27	02/20/25 19:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 19:57	1
Ethylbenzene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 19:57	1
Toluene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 19:57	1
Xylenes, Total	ND		0.10	mg/Kg		02/19/25 10:27	02/20/25 19:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			02/19/25 10:27	02/20/25 19:57	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		9.8	mg/Kg		02/20/25 11:18	02/20/25 15:38	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 15:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			02/20/25 11:18	02/20/25 15:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		60	mg/Kg		02/19/25 09:59	02/19/25 19:31	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-27 0'

Lab Sample ID: 885-20056-11

Date Collected: 02/14/25 12:40

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		02/19/25 10:27	02/20/25 20:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			02/19/25 10:27	02/20/25 20:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 20:44	1
Ethylbenzene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 20:44	1
Toluene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 20:44	1
Xylenes, Total	ND		0.099	mg/Kg		02/19/25 10:27	02/20/25 20:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		48 - 145			02/19/25 10:27	02/20/25 20:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		02/20/25 11:18	02/20/25 15:48	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 15:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			02/20/25 11:18	02/20/25 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		60	mg/Kg		02/19/25 09:59	02/19/25 19:41	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-27 2'

Lab Sample ID: 885-20056-12

Date Collected: 02/14/25 13:00

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		02/19/25 10:27	02/20/25 21:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			02/19/25 10:27	02/20/25 21:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/19/25 10:27	02/20/25 21:08	1
Ethylbenzene	ND		0.047	mg/Kg		02/19/25 10:27	02/20/25 21:08	1
Toluene	ND		0.047	mg/Kg		02/19/25 10:27	02/20/25 21:08	1
Xylenes, Total	ND		0.094	mg/Kg		02/19/25 10:27	02/20/25 21:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			02/19/25 10:27	02/20/25 21:08	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		02/20/25 11:18	02/20/25 15:59	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/20/25 11:18	02/20/25 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			02/20/25 11:18	02/20/25 15:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75		60	mg/Kg		02/19/25 09:59	02/19/25 19:51	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-01 2'

Lab Sample ID: 885-20056-13

Date Collected: 02/12/25 09:30

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		02/19/25 10:27	02/20/25 21:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			02/19/25 10:27	02/20/25 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		02/19/25 10:27	02/20/25 21:32	1
Ethylbenzene	ND		0.048	mg/Kg		02/19/25 10:27	02/20/25 21:32	1
Toluene	ND		0.048	mg/Kg		02/19/25 10:27	02/20/25 21:32	1
Xylenes, Total	ND		0.095	mg/Kg		02/19/25 10:27	02/20/25 21:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		48 - 145			02/19/25 10:27	02/20/25 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		9.8	mg/Kg		02/20/25 11:18	02/20/25 16:10	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 16:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			02/20/25 11:18	02/20/25 16:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		150	mg/Kg		02/19/25 09:59	02/20/25 17:47	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-01 4'

Lab Sample ID: 885-20056-14

Date Collected: 02/12/25 09:50

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		02/19/25 10:27	02/20/25 21:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			02/19/25 10:27	02/20/25 21:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 21:55	1
Ethylbenzene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 21:55	1
Toluene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 21:55	1
Xylenes, Total	ND		0.098	mg/Kg		02/19/25 10:27	02/20/25 21:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			02/19/25 10:27	02/20/25 21:55	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]	84		9.8	mg/Kg		02/20/25 11:18	02/20/25 16:21	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 16:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			02/20/25 11:18	02/20/25 16:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		60	mg/Kg		02/19/25 09:59	02/19/25 20:11	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-01 6'

Lab Sample ID: 885-20056-15

Date Collected: 02/12/25 10:10

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		02/19/25 10:27	02/20/25 22:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			02/19/25 10:27	02/20/25 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		02/19/25 10:27	02/20/25 22:19	1
Ethylbenzene	ND		0.048	mg/Kg		02/19/25 10:27	02/20/25 22:19	1
Toluene	ND		0.048	mg/Kg		02/19/25 10:27	02/20/25 22:19	1
Xylenes, Total	ND		0.096	mg/Kg		02/19/25 10:27	02/20/25 22:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			02/19/25 10:27	02/20/25 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]	53		9.3	mg/Kg		02/20/25 11:18	02/20/25 16:32	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/20/25 11:18	02/20/25 16:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/20/25 11:18	02/20/25 16:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	470		60	mg/Kg		02/19/25 09:59	02/19/25 20:21	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-07 2'

Lab Sample ID: 885-20056-16

Date Collected: 02/12/25 10:30

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/19/25 10:27	02/20/25 22:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			02/19/25 10:27	02/20/25 22:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 22:42	1
Ethylbenzene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 22:42	1
Toluene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 22:42	1
Xylenes, Total	ND		0.10	mg/Kg		02/19/25 10:27	02/20/25 22:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			02/19/25 10:27	02/20/25 22:42	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]	ND		9.6	mg/Kg		02/20/25 11:18	02/20/25 16:43	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/20/25 11:18	02/20/25 16:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			02/20/25 11:18	02/20/25 16:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		60	mg/Kg		02/19/25 09:59	02/19/25 20:31	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-10 2'

Lab Sample ID: 885-20056-17

Date Collected: 02/12/25 11:20

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		02/19/25 10:27	02/20/25 23:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			02/19/25 10:27	02/20/25 23:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/19/25 10:27	02/20/25 23:06	1
Ethylbenzene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 23:06	1
Toluene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 23:06	1
Xylenes, Total	ND		0.097	mg/Kg		02/19/25 10:27	02/20/25 23:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/19/25 10:27	02/20/25 23:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		02/20/25 11:18	02/20/25 16:54	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/20/25 11:18	02/20/25 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			02/20/25 11:18	02/20/25 16:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		60	mg/Kg		02/21/25 09:32	02/21/25 12:53	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-10 4'

Lab Sample ID: 885-20056-18

Date Collected: 02/12/25 11:40

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/19/25 10:27	02/20/25 23:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			02/19/25 10:27	02/20/25 23:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 23:29	1
Ethylbenzene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 23:29	1
Toluene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 23:29	1
Xylenes, Total	ND		0.10	mg/Kg		02/19/25 10:27	02/20/25 23:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			02/19/25 10:27	02/20/25 23:29	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		02/20/25 11:18	02/20/25 17:05	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/20/25 11:18	02/20/25 17:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			02/20/25 11:18	02/20/25 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	670		60	mg/Kg		02/21/25 09:32	02/21/25 13:02	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-07 4'

Lab Sample ID: 885-20056-19

Date Collected: 02/12/25 10:50

Matrix: Solid

Date Received: 02/18/25 07:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		02/19/25 10:27	02/20/25 23:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			02/19/25 10:27	02/20/25 23:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/19/25 10:27	02/20/25 23:53	1
Ethylbenzene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 23:53	1
Toluene	ND		0.049	mg/Kg		02/19/25 10:27	02/20/25 23:53	1
Xylenes, Total	ND		0.098	mg/Kg		02/19/25 10:27	02/20/25 23:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/19/25 10:27	02/20/25 23:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		02/20/25 11:18	02/20/25 17:16	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/20/25 11:18	02/20/25 17:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/20/25 11:18	02/20/25 17:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	620		60	mg/Kg		02/21/25 09:32	02/21/25 13:22	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

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

Lab Sample ID: MB 885-21083/1-A

Matrix: Solid

Analysis Batch: 21196

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21083

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/19/25 10:27	02/20/25 14:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			02/19/25 10:27	02/20/25 14:23	1

Lab Sample ID: LCS 885-21083/2-A

Matrix: Solid

Analysis Batch: 21196

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21083

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	28.2		mg/Kg		113	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	217		35 - 166				

Lab Sample ID: 885-20056-1 MS

Matrix: Solid

Analysis Batch: 21196

Client Sample ID: BH24-10 6'

Prep Type: Total/NA

Prep Batch: 21083

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		25.0	28.1		mg/Kg		113	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	230		35 - 166						

Lab Sample ID: 885-20056-1 MSD

Matrix: Solid

Analysis Batch: 21196

Client Sample ID: BH24-10 6'

Prep Type: Total/NA

Prep Batch: 21083

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	27.5		mg/Kg		111	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	226		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-21083/1-A

Matrix: Solid

Analysis Batch: 21197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21083

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/19/25 10:27	02/20/25 14:23	1
Ethylbenzene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 14:23	1
Toluene	ND		0.050	mg/Kg		02/19/25 10:27	02/20/25 14:23	1

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QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

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

Lab Sample ID: MB 885-21083/1-A

Matrix: Solid

Analysis Batch: 21197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21083

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		02/19/25 10:27	02/20/25 14:23	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		48 - 145			02/19/25 10:27	02/20/25 14:23	1

Lab Sample ID: LCS 885-21083/3-A

Matrix: Solid

Analysis Batch: 21197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21083

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.03		mg/Kg		103	70 - 130
Ethylbenzene	1.00	1.06		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	2.00	2.17		mg/Kg		109	70 - 130
o-Xylene	1.00	1.06		mg/Kg		106	70 - 130
Toluene	1.00	1.05		mg/Kg		105	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	111		48 - 145				

Lab Sample ID: 885-20056-2 MS

Matrix: Solid

Analysis Batch: 21197

Client Sample ID: BH24-02 4'

Prep Type: Total/NA

Prep Batch: 21083

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.991	0.977		mg/Kg		99	70 - 130
Ethylbenzene	ND		0.991	1.02		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	ND		1.98	2.06		mg/Kg		104	70 - 130
o-Xylene	ND		0.991	0.997		mg/Kg		101	70 - 130
Toluene	ND		0.991	0.978		mg/Kg		99	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	84		48 - 145						

Lab Sample ID: 885-20056-2 MSD

Matrix: Solid

Analysis Batch: 21197

Client Sample ID: BH24-02 4'

Prep Type: Total/NA

Prep Batch: 21083

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.995	0.953		mg/Kg		96	70 - 130	2	20
Ethylbenzene	ND		0.995	1.02		mg/Kg		102	70 - 130	0	20
m-Xylene & p-Xylene	ND		1.99	1.91		mg/Kg		96	70 - 130	7	20
o-Xylene	ND		0.995	1.01		mg/Kg		102	70 - 130	2	20
Toluene	ND		0.995	1.03		mg/Kg		104	70 - 130	5	20
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	85		48 - 145								

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QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

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

Lab Sample ID: MB 885-21166/1-A

Matrix: Solid

Analysis Batch: 21141

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21166

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		02/20/25 11:18	02/20/25 13:08	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/20/25 11:18	02/20/25 13:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/20/25 11:18	02/20/25 13:08	1

Lab Sample ID: LCS 885-21166/2-A

Matrix: Solid

Analysis Batch: 21141

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21166

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	48.9		mg/Kg		98	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	75		62 - 134				

Lab Sample ID: 885-20056-5 MS

Matrix: Solid

Analysis Batch: 21141

Client Sample ID: BH25-24 0'

Prep Type: Total/NA

Prep Batch: 21166

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		45.5	44.7		mg/Kg		98	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	86		62 - 134						

Lab Sample ID: 885-20056-5 MSD

Matrix: Solid

Analysis Batch: 21141

Client Sample ID: BH25-24 0'

Prep Type: Total/NA

Prep Batch: 21166

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.2	45.4		mg/Kg		98	44 - 136	2	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	83		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-21074/3

Matrix: Solid

Analysis Batch: 21074

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.529		mg/L		106	50 - 150

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QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-21079/1-A

Matrix: Solid

Analysis Batch: 21074

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21079

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		02/19/25 09:59	02/19/25 11:59	1

Lab Sample ID: LCS 885-21079/2-A

Matrix: Solid

Analysis Batch: 21074

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	29.3		mg/Kg		98	90 - 110

Lab Sample ID: MRL 885-21147/3

Matrix: Solid

Analysis Batch: 21147

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.549		mg/L		110	50 - 150

Lab Sample ID: MB 885-21228/1-A

Matrix: Solid

Analysis Batch: 21219

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21228

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		02/21/25 09:32	02/21/25 10:15	1

Lab Sample ID: LCS 885-21228/2-A

Matrix: Solid

Analysis Batch: 21219

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	28.9		mg/Kg		96	90 - 110

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QC Association Summary

Client: Vertex

Job ID: 885-20056-1

Project/Site: Snapping 10 Federal 3H

GC VOA

Prep Batch: 21083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-1	BH24-10 6'	Total/NA	Solid	5030C	
885-20056-2	BH24-02 4'	Total/NA	Solid	5030C	
885-20056-3	BH25-23 0'	Total/NA	Solid	5030C	
885-20056-4	BH25-23 2'	Total/NA	Solid	5030C	
885-20056-5	BH25-24 0'	Total/NA	Solid	5030C	
885-20056-6	BH25-24 2'	Total/NA	Solid	5030C	
885-20056-7	BH25-25 0'	Total/NA	Solid	5030C	
885-20056-8	BH25-25 2'	Total/NA	Solid	5030C	
885-20056-9	BH25-26 0'	Total/NA	Solid	5030C	
885-20056-10	BH25-26 1'	Total/NA	Solid	5030C	
885-20056-11	BH25-27 0'	Total/NA	Solid	5030C	
885-20056-12	BH25-27 2'	Total/NA	Solid	5030C	
885-20056-13	BH24-01 2'	Total/NA	Solid	5030C	
885-20056-14	BH24-01 4'	Total/NA	Solid	5030C	
885-20056-15	BH24-01 6'	Total/NA	Solid	5030C	
885-20056-16	BH24-07 2'	Total/NA	Solid	5030C	
885-20056-17	BH24-10 2'	Total/NA	Solid	5030C	
885-20056-18	BH24-10 4'	Total/NA	Solid	5030C	
885-20056-19	BH24-07 4'	Total/NA	Solid	5030C	
MB 885-21083/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-21083/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-21083/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-20056-1 MS	BH24-10 6'	Total/NA	Solid	5030C	
885-20056-1 MSD	BH24-10 6'	Total/NA	Solid	5030C	
885-20056-2 MS	BH24-02 4'	Total/NA	Solid	5030C	
885-20056-2 MSD	BH24-02 4'	Total/NA	Solid	5030C	

Analysis Batch: 21196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-1	BH24-10 6'	Total/NA	Solid	8015M/D	21083
885-20056-2	BH24-02 4'	Total/NA	Solid	8015M/D	21083
885-20056-3	BH25-23 0'	Total/NA	Solid	8015M/D	21083
885-20056-4	BH25-23 2'	Total/NA	Solid	8015M/D	21083
885-20056-5	BH25-24 0'	Total/NA	Solid	8015M/D	21083
885-20056-6	BH25-24 2'	Total/NA	Solid	8015M/D	21083
885-20056-7	BH25-25 0'	Total/NA	Solid	8015M/D	21083
885-20056-8	BH25-25 2'	Total/NA	Solid	8015M/D	21083
885-20056-9	BH25-26 0'	Total/NA	Solid	8015M/D	21083
885-20056-10	BH25-26 1'	Total/NA	Solid	8015M/D	21083
885-20056-11	BH25-27 0'	Total/NA	Solid	8015M/D	21083
885-20056-12	BH25-27 2'	Total/NA	Solid	8015M/D	21083
885-20056-13	BH24-01 2'	Total/NA	Solid	8015M/D	21083
885-20056-14	BH24-01 4'	Total/NA	Solid	8015M/D	21083
885-20056-15	BH24-01 6'	Total/NA	Solid	8015M/D	21083
885-20056-16	BH24-07 2'	Total/NA	Solid	8015M/D	21083
885-20056-17	BH24-10 2'	Total/NA	Solid	8015M/D	21083
885-20056-18	BH24-10 4'	Total/NA	Solid	8015M/D	21083
885-20056-19	BH24-07 4'	Total/NA	Solid	8015M/D	21083
MB 885-21083/1-A	Method Blank	Total/NA	Solid	8015M/D	21083
LCS 885-21083/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21083
885-20056-1 MS	BH24-10 6'	Total/NA	Solid	8015M/D	21083

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QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

GC VOA (Continued)

Analysis Batch: 21196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-1 MSD	BH24-10 6'	Total/NA	Solid	8015M/D	21083

Analysis Batch: 21197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-1	BH24-10 6'	Total/NA	Solid	8021B	21083
885-20056-2	BH24-02 4'	Total/NA	Solid	8021B	21083
885-20056-3	BH25-23 0'	Total/NA	Solid	8021B	21083
885-20056-4	BH25-23 2'	Total/NA	Solid	8021B	21083
885-20056-5	BH25-24 0'	Total/NA	Solid	8021B	21083
885-20056-6	BH25-24 2'	Total/NA	Solid	8021B	21083
885-20056-7	BH25-25 0'	Total/NA	Solid	8021B	21083
885-20056-8	BH25-25 2'	Total/NA	Solid	8021B	21083
885-20056-9	BH25-26 0'	Total/NA	Solid	8021B	21083
885-20056-10	BH25-26 1'	Total/NA	Solid	8021B	21083
885-20056-11	BH25-27 0'	Total/NA	Solid	8021B	21083
885-20056-12	BH25-27 2'	Total/NA	Solid	8021B	21083
885-20056-13	BH24-01 2'	Total/NA	Solid	8021B	21083
885-20056-14	BH24-01 4'	Total/NA	Solid	8021B	21083
885-20056-15	BH24-01 6'	Total/NA	Solid	8021B	21083
885-20056-16	BH24-07 2'	Total/NA	Solid	8021B	21083
885-20056-17	BH24-10 2'	Total/NA	Solid	8021B	21083
885-20056-18	BH24-10 4'	Total/NA	Solid	8021B	21083
885-20056-19	BH24-07 4'	Total/NA	Solid	8021B	21083
MB 885-21083/1-A	Method Blank	Total/NA	Solid	8021B	21083
LCS 885-21083/3-A	Lab Control Sample	Total/NA	Solid	8021B	21083
885-20056-2 MS	BH24-02 4'	Total/NA	Solid	8021B	21083
885-20056-2 MSD	BH24-02 4'	Total/NA	Solid	8021B	21083

GC Semi VOA

Analysis Batch: 21141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-1	BH24-10 6'	Total/NA	Solid	8015M/D	21166
885-20056-2	BH24-02 4'	Total/NA	Solid	8015M/D	21166
885-20056-3	BH25-23 0'	Total/NA	Solid	8015M/D	21166
885-20056-4	BH25-23 2'	Total/NA	Solid	8015M/D	21166
885-20056-5	BH25-24 0'	Total/NA	Solid	8015M/D	21166
885-20056-6	BH25-24 2'	Total/NA	Solid	8015M/D	21166
885-20056-7	BH25-25 0'	Total/NA	Solid	8015M/D	21166
885-20056-8	BH25-25 2'	Total/NA	Solid	8015M/D	21166
885-20056-9	BH25-26 0'	Total/NA	Solid	8015M/D	21166
885-20056-10	BH25-26 1'	Total/NA	Solid	8015M/D	21166
885-20056-11	BH25-27 0'	Total/NA	Solid	8015M/D	21166
885-20056-12	BH25-27 2'	Total/NA	Solid	8015M/D	21166
885-20056-13	BH24-01 2'	Total/NA	Solid	8015M/D	21166
885-20056-14	BH24-01 4'	Total/NA	Solid	8015M/D	21166
885-20056-15	BH24-01 6'	Total/NA	Solid	8015M/D	21166
885-20056-16	BH24-07 2'	Total/NA	Solid	8015M/D	21166
885-20056-17	BH24-10 2'	Total/NA	Solid	8015M/D	21166
885-20056-18	BH24-10 4'	Total/NA	Solid	8015M/D	21166
885-20056-19	BH24-07 4'	Total/NA	Solid	8015M/D	21166

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20056-1

Project/Site: Snapping 10 Federal 3H

GC Semi VOA (Continued)

Analysis Batch: 21141 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-21166/1-A	Method Blank	Total/NA	Solid	8015M/D	21166
LCS 885-21166/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21166
885-20056-5 MS	BH25-24 0'	Total/NA	Solid	8015M/D	21166
885-20056-5 MSD	BH25-24 0'	Total/NA	Solid	8015M/D	21166

Prep Batch: 21166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-1	BH24-10 6'	Total/NA	Solid	SHAKE	
885-20056-2	BH24-02 4'	Total/NA	Solid	SHAKE	
885-20056-3	BH25-23 0'	Total/NA	Solid	SHAKE	
885-20056-4	BH25-23 2'	Total/NA	Solid	SHAKE	
885-20056-5	BH25-24 0'	Total/NA	Solid	SHAKE	
885-20056-6	BH25-24 2'	Total/NA	Solid	SHAKE	
885-20056-7	BH25-25 0'	Total/NA	Solid	SHAKE	
885-20056-8	BH25-25 2'	Total/NA	Solid	SHAKE	
885-20056-9	BH25-26 0'	Total/NA	Solid	SHAKE	
885-20056-10	BH25-26 1'	Total/NA	Solid	SHAKE	
885-20056-11	BH25-27 0'	Total/NA	Solid	SHAKE	
885-20056-12	BH25-27 2'	Total/NA	Solid	SHAKE	
885-20056-13	BH24-01 2'	Total/NA	Solid	SHAKE	
885-20056-14	BH24-01 4'	Total/NA	Solid	SHAKE	
885-20056-15	BH24-01 6'	Total/NA	Solid	SHAKE	
885-20056-16	BH24-07 2'	Total/NA	Solid	SHAKE	
885-20056-17	BH24-10 2'	Total/NA	Solid	SHAKE	
885-20056-18	BH24-10 4'	Total/NA	Solid	SHAKE	
885-20056-19	BH24-07 4'	Total/NA	Solid	SHAKE	
MB 885-21166/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-21166/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-20056-5 MS	BH25-24 0'	Total/NA	Solid	SHAKE	
885-20056-5 MSD	BH25-24 0'	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 21074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-1	BH24-10 6'	Total/NA	Solid	300.0	21079
885-20056-2	BH24-02 4'	Total/NA	Solid	300.0	21079
885-20056-3	BH25-23 0'	Total/NA	Solid	300.0	21079
885-20056-4	BH25-23 2'	Total/NA	Solid	300.0	21079
885-20056-5	BH25-24 0'	Total/NA	Solid	300.0	21079
885-20056-6	BH25-24 2'	Total/NA	Solid	300.0	21079
885-20056-7	BH25-25 0'	Total/NA	Solid	300.0	21079
885-20056-8	BH25-25 2'	Total/NA	Solid	300.0	21079
885-20056-9	BH25-26 0'	Total/NA	Solid	300.0	21079
885-20056-10	BH25-26 1'	Total/NA	Solid	300.0	21079
885-20056-11	BH25-27 0'	Total/NA	Solid	300.0	21079
885-20056-12	BH25-27 2'	Total/NA	Solid	300.0	21079
885-20056-14	BH24-01 4'	Total/NA	Solid	300.0	21079
885-20056-15	BH24-01 6'	Total/NA	Solid	300.0	21079
885-20056-16	BH24-07 2'	Total/NA	Solid	300.0	21079
MB 885-21079/1-A	Method Blank	Total/NA	Solid	300.0	21079

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QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

HPLC/IC (Continued)

Analysis Batch: 21074 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-21079/2-A	Lab Control Sample	Total/NA	Solid	300.0	21079
MRL 885-21074/3	Lab Control Sample	Total/NA	Solid	300.0	

Prep Batch: 21079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-1	BH24-10 6'	Total/NA	Solid	300_Prep	
885-20056-2	BH24-02 4'	Total/NA	Solid	300_Prep	
885-20056-3	BH25-23 0'	Total/NA	Solid	300_Prep	
885-20056-4	BH25-23 2'	Total/NA	Solid	300_Prep	
885-20056-5	BH25-24 0'	Total/NA	Solid	300_Prep	
885-20056-6	BH25-24 2'	Total/NA	Solid	300_Prep	
885-20056-7	BH25-25 0'	Total/NA	Solid	300_Prep	
885-20056-8	BH25-25 2'	Total/NA	Solid	300_Prep	
885-20056-9	BH25-26 0'	Total/NA	Solid	300_Prep	
885-20056-10	BH25-26 1'	Total/NA	Solid	300_Prep	
885-20056-11	BH25-27 0'	Total/NA	Solid	300_Prep	
885-20056-12	BH25-27 2'	Total/NA	Solid	300_Prep	
885-20056-13	BH24-01 2'	Total/NA	Solid	300_Prep	
885-20056-14	BH24-01 4'	Total/NA	Solid	300_Prep	
885-20056-15	BH24-01 6'	Total/NA	Solid	300_Prep	
885-20056-16	BH24-07 2'	Total/NA	Solid	300_Prep	
MB 885-21079/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-21079/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 21147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-13	BH24-01 2'	Total/NA	Solid	300.0	21079
MRL 885-21147/3	Lab Control Sample	Total/NA	Solid	300.0	

Analysis Batch: 21219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-17	BH24-10 2'	Total/NA	Solid	300.0	21228
885-20056-18	BH24-10 4'	Total/NA	Solid	300.0	21228
885-20056-19	BH24-07 4'	Total/NA	Solid	300.0	21228
MB 885-21228/1-A	Method Blank	Total/NA	Solid	300.0	21228
LCS 885-21228/2-A	Lab Control Sample	Total/NA	Solid	300.0	21228

Prep Batch: 21228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20056-17	BH24-10 2'	Total/NA	Solid	300_Prep	
885-20056-18	BH24-10 4'	Total/NA	Solid	300_Prep	
885-20056-19	BH24-07 4'	Total/NA	Solid	300_Prep	
MB 885-21228/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-21228/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

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Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-10 6'

Lab Sample ID: 885-20056-1

Date Collected: 02/14/25 09:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 14:48
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 14:48
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 13:29
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 17:23

Client Sample ID: BH24-02 4'

Lab Sample ID: 885-20056-2

Date Collected: 02/14/25 09:40

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 16:00
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 16:00
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 13:39
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 17:53

Client Sample ID: BH25-23 0'

Lab Sample ID: 885-20056-3

Date Collected: 02/14/25 10:00

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 17:10
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 17:10
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 13:50
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 18:03

Client Sample ID: BH25-23 2'

Lab Sample ID: 885-20056-4

Date Collected: 02/14/25 10:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 17:34

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-23 2'

Lab Sample ID: 885-20056-4

Date Collected: 02/14/25 10:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 17:34
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 14:01
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 18:13

Client Sample ID: BH25-24 0'

Lab Sample ID: 885-20056-5

Date Collected: 02/14/25 10:40

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 17:58
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 17:58
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 14:11
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 18:23

Client Sample ID: BH25-24 2'

Lab Sample ID: 885-20056-6

Date Collected: 02/14/25 11:00

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 18:22
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 18:22
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 14:44
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 18:32

Client Sample ID: BH25-25 0'

Lab Sample ID: 885-20056-7

Date Collected: 02/14/25 11:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 18:46
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 18:46

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-25 0'

Lab Sample ID: 885-20056-7

Date Collected: 02/14/25 11:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 19:15
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 18:42

Client Sample ID: BH25-25 2'

Lab Sample ID: 885-20056-8

Date Collected: 02/14/25 11:40

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 19:09
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 19:09
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 15:16
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 18:52

Client Sample ID: BH25-26 0'

Lab Sample ID: 885-20056-9

Date Collected: 02/14/25 12:00

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 19:33
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 19:33
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 15:27
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 19:22

Client Sample ID: BH25-26 1'

Lab Sample ID: 885-20056-10

Date Collected: 02/14/25 12:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 19:57
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 19:57
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 15:38

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH25-26 1'

Lab Sample ID: 885-20056-10

Date Collected: 02/14/25 12:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 19:31

Client Sample ID: BH25-27 0'

Lab Sample ID: 885-20056-11

Date Collected: 02/14/25 12:40

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 20:44
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 20:44
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 15:48
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 19:41

Client Sample ID: BH25-27 2'

Lab Sample ID: 885-20056-12

Date Collected: 02/14/25 13:00

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 21:08
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 21:08
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 15:59
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 19:51

Client Sample ID: BH24-01 2'

Lab Sample ID: 885-20056-13

Date Collected: 02/12/25 09:30

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 21:32
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 21:32
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 16:10
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		50	21147	ES	EET ALB	02/20/25 17:47

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-01 4'

Lab Sample ID: 885-20056-14

Date Collected: 02/12/25 09:50

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 21:55
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 21:55
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 16:21
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 20:11

Client Sample ID: BH24-01 6'

Lab Sample ID: 885-20056-15

Date Collected: 02/12/25 10:10

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 22:19
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 22:19
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 16:32
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 20:21

Client Sample ID: BH24-07 2'

Lab Sample ID: 885-20056-16

Date Collected: 02/12/25 10:30

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 22:42
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 22:42
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 16:43
Total/NA	Prep	300_Prep			21079	DL	EET ALB	02/19/25 09:59
Total/NA	Analysis	300.0		20	21074	ES	EET ALB	02/19/25 20:31

Client Sample ID: BH24-10 2'

Lab Sample ID: 885-20056-17

Date Collected: 02/12/25 11:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 23:06

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Client Sample ID: BH24-10 2'

Lab Sample ID: 885-20056-17

Date Collected: 02/12/25 11:20

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 23:06
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 16:54
Total/NA	Prep	300_Prep			21228	DL	EET ALB	02/21/25 09:32
Total/NA	Analysis	300.0		20	21219	DL	EET ALB	02/21/25 12:53

Client Sample ID: BH24-10 4'

Lab Sample ID: 885-20056-18

Date Collected: 02/12/25 11:40

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 23:29
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 23:29
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 17:05
Total/NA	Prep	300_Prep			21228	DL	EET ALB	02/21/25 09:32
Total/NA	Analysis	300.0		20	21219	DL	EET ALB	02/21/25 13:02

Client Sample ID: BH24-07 4'

Lab Sample ID: 885-20056-19

Date Collected: 02/12/25 10:50

Matrix: Solid

Date Received: 02/18/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8015M/D		1	21196	JP	EET ALB	02/20/25 23:53
Total/NA	Prep	5030C			21083	AT	EET ALB	02/19/25 10:27
Total/NA	Analysis	8021B		1	21197	JP	EET ALB	02/20/25 23:53
Total/NA	Prep	SHAKE			21166	MI	EET ALB	02/20/25 11:18
Total/NA	Analysis	8015M/D		1	21141	MI	EET ALB	02/20/25 17:16
Total/NA	Prep	300_Prep			21228	DL	EET ALB	02/21/25 09:32
Total/NA	Analysis	300.0		20	21219	DL	EET ALB	02/21/25 13:22

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 10 Federal 3H

Job ID: 885-20056-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-25-25

Chain-of-Custody Record

Client: Vertex (bill to Devon)

Turn-Around Time:

☒ Standard☒ Rush 5 day

Project Name:

Mailing Address 3101 Boyd Dr

Snapping 10 Federal 3H

Carlsbad, NM 88220

Project #:

Phone: 575-725-5001

24E-04518

email or Fax#:

Project Manager:

QA/QC Package:

Sally Carttar

☐ Standard☐ Level 4 (Full Validation)

scarttar@vertexresource.com

Accreditation: ☐ Az Compliance

Sampler: J. Rewis

☐ NELAC☐ OtherOn Ice: ☒ Yes ☐ No☐ EDD (Type)

of Coolers: 1

Cooler Temp (including CF): 27+0.2=27.2

Date	Time	Matrix	Sample Name
2.12.25	9:30	Soil	BH24-01 2'
2.12.25	9:50	Soil	BH24-01 4'
2.12.25	10:10	Soil	BH24-01 6'
2.12.25	10:30	Soil	BH24-07 2'
2.12.25	11:20	Soil	BH24-10 2'
2.12.25	11:40	Soil	BH24-10 4'
2-12-25	1050	S	BH24-07 4'
			PER CLIENT

Container Type and #

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2.12.25	9:30	Soil	BH24-01 2'	4oz jar	ICE	13
2.12.25	9:50	Soil	BH24-01 4'	4oz jar	ICE	14
2.12.25	10:10	Soil	BH24-01 6'	4oz jar	ICE	15
2.12.25	10:30	Soil	BH24-07 2'	4oz jar	ICE	16
2.12.25	11:20	Soil	BH24-10 2'	4oz jar	ICE	17
2.12.25	11:40	Soil	BH24-10 4'	4oz jar	ICE	18
2-12-25	1050	S	BH24-07 4'	4oz jar	ICE	19
			PER CLIENT	SCM 2/18/25		

SCM 2/18/25

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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



885-20056 COC

2/2

Date: 2.17.25	Time: 1015	Relinquished by: [Signature]	Received by: [Signature]	Via:	Date: 2/17/25	Time: 1015
Date: 2/17/25	Time: 1100	Relinquished by: [Signature]	Received by: [Signature]	Via:	Date: 2/18/25	Time: 730

Remarks: ATTN: Jim Raley

Direct Bill to Devon Enevry Production Company

Work Order# 21421108

CC.Scarttar@vertexresource.com for Final Report.

Jrewis@vertex resource.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: 885-20056-1

Login Number: 20056

List Number: 1

Creator: McQuiston, Steven

List Source: Eurofins Albuquerque

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/25/2025 3:03:25 PM

JOB DESCRIPTION

Snapping 10 Federal #003H

JOB NUMBER

885-31297-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 12/12/2025 6:57:22 AM

Eurofins Albuquerque

Job Notes

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

Authorization



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Authorized for release by
Andy Freeman, Business Unit Manager
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(505)345-3975

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Laboratory Job ID: 885-31297-1

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Definitions/Glossary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31297-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: Snapping 10 Federal #003H

Job ID: 885-31297-1

Job ID: 885-31297-1

Eurofins Albuquerque

Job Narrative 885-31297-1

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 8/19/2025 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 1.1°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The following sample required a dilution due to the nature of the sample matrix: BS25-07 0' (885-31297-9). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

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

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: WS25-01 0-1.1'

Lab Sample ID: 885-31297-1

Date Collected: 08/14/25 10:15

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/19/25 16:18	08/21/25 16:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			08/19/25 16:18	08/21/25 16:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/19/25 16:18	08/21/25 16:36	1
Ethylbenzene	ND		0.048	mg/Kg		08/19/25 16:18	08/21/25 16:36	1
Toluene	ND		0.048	mg/Kg		08/19/25 16:18	08/21/25 16:36	1
Xylenes, Total	ND		0.096	mg/Kg		08/19/25 16:18	08/21/25 16:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			08/19/25 16:18	08/21/25 16:36	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		10	mg/Kg		08/21/25 15:26	08/22/25 10:09	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/21/25 15:26	08/22/25 10:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			08/21/25 15:26	08/22/25 10:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		50	mg/Kg		08/20/25 11:00	08/20/25 18:47	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31297-1

Client Sample ID: WS25-02 0-1.1'

Lab Sample ID: 885-31297-2

Date Collected: 08/14/25 10:20

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/19/25 16:18	08/21/25 17:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			08/19/25 16:18	08/21/25 17:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/19/25 16:18	08/21/25 17:00	1
Ethylbenzene	ND		0.048	mg/Kg		08/19/25 16:18	08/21/25 17:00	1
Toluene	ND		0.048	mg/Kg		08/19/25 16:18	08/21/25 17:00	1
Xylenes, Total	ND		0.097	mg/Kg		08/19/25 16:18	08/21/25 17:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			08/19/25 16:18	08/21/25 17:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		08/21/25 15:26	08/22/25 10:21	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/21/25 15:26	08/22/25 10:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			08/21/25 15:26	08/22/25 10:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		50	mg/Kg		08/20/25 11:00	08/20/25 18:57	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS-25-01 1.1'

Lab Sample ID: 885-31297-3

Date Collected: 08/14/25 10:16

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/19/25 16:18	08/21/25 17:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			08/19/25 16:18	08/21/25 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		08/19/25 16:18	08/21/25 17:24	1
Ethylbenzene	ND		0.049	mg/Kg		08/19/25 16:18	08/21/25 17:24	1
Toluene	ND		0.049	mg/Kg		08/19/25 16:18	08/21/25 17:24	1
Xylenes, Total	ND		0.098	mg/Kg		08/19/25 16:18	08/21/25 17:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			08/19/25 16:18	08/21/25 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		08/21/25 15:26	08/22/25 10:33	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/21/25 15:26	08/22/25 10:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			08/21/25 15:26	08/22/25 10:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		50	mg/Kg		08/20/25 15:00	08/20/25 19:26	10

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Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-02 0'

Lab Sample ID: 885-31297-4

Date Collected: 08/14/25 10:32

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		08/19/25 16:18	08/21/25 17:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			08/19/25 16:18	08/21/25 17:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/19/25 16:18	08/21/25 17:48	1
Ethylbenzene	ND		0.047	mg/Kg		08/19/25 16:18	08/21/25 17:48	1
Toluene	ND		0.047	mg/Kg		08/19/25 16:18	08/21/25 17:48	1
Xylenes, Total	ND		0.094	mg/Kg		08/19/25 16:18	08/21/25 17:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			08/19/25 16:18	08/21/25 17:48	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]	210		9.2	mg/Kg		08/21/25 15:26	08/22/25 10:45	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/21/25 15:26	08/22/25 10:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			08/21/25 15:26	08/22/25 10:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4100		50	mg/Kg		08/20/25 15:00	08/20/25 19:56	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-03 0'

Lab Sample ID: 885-31297-5

Date Collected: 08/14/25 10:39

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		08/19/25 16:18	08/21/25 18:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			08/19/25 16:18	08/21/25 18:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/19/25 16:18	08/21/25 18:12	1
Ethylbenzene	ND		0.047	mg/Kg		08/19/25 16:18	08/21/25 18:12	1
Toluene	ND		0.047	mg/Kg		08/19/25 16:18	08/21/25 18:12	1
Xylenes, Total	ND		0.094	mg/Kg		08/19/25 16:18	08/21/25 18:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			08/19/25 16:18	08/21/25 18:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	33		9.2	mg/Kg		08/21/25 15:26	08/22/25 13:28	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/21/25 15:26	08/22/25 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/21/25 15:26	08/22/25 13:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		50	mg/Kg		08/20/25 15:00	08/20/25 20:45	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-04 0'

Lab Sample ID: 885-31297-6

Date Collected: 08/14/25 11:20

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/19/25 16:18	08/21/25 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			08/19/25 16:18	08/21/25 18:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/19/25 16:18	08/21/25 18:36	1
Ethylbenzene	ND		0.049	mg/Kg		08/19/25 16:18	08/21/25 18:36	1
Toluene	ND		0.049	mg/Kg		08/19/25 16:18	08/21/25 18:36	1
Xylenes, Total	ND		0.098	mg/Kg		08/19/25 16:18	08/21/25 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			08/19/25 16:18	08/21/25 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]	870		9.6	mg/Kg		08/21/25 15:26	08/22/25 11:10	1
Motor Oil Range Organics [C28-C40]	260		48	mg/Kg		08/21/25 15:26	08/22/25 11:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			08/21/25 15:26	08/22/25 11:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	670		51	mg/Kg		08/20/25 15:00	08/20/25 20:55	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-05 0'

Lab Sample ID: 885-31297-7

Date Collected: 08/14/25 11:21

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		08/19/25 16:18	08/21/25 18:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			08/19/25 16:18	08/21/25 18:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		08/19/25 16:18	08/21/25 18:59	1
Ethylbenzene	ND		0.047	mg/Kg		08/19/25 16:18	08/21/25 18:59	1
Toluene	ND		0.047	mg/Kg		08/19/25 16:18	08/21/25 18:59	1
Xylenes, Total	ND		0.094	mg/Kg		08/19/25 16:18	08/21/25 18:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			08/19/25 16:18	08/21/25 18:59	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]	740		9.6	mg/Kg		08/21/25 15:26	08/22/25 11:22	1
Motor Oil Range Organics [C28-C40]	560		48	mg/Kg		08/21/25 15:26	08/22/25 11:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			08/21/25 15:26	08/22/25 11:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		50	mg/Kg		08/20/25 15:00	08/20/25 21:05	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-06 0'

Lab Sample ID: 885-31297-8

Date Collected: 08/14/25 11:22

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/19/25 16:18	08/21/25 19:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			08/19/25 16:18	08/21/25 19:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/19/25 16:18	08/21/25 19:23	1
Ethylbenzene	ND		0.049	mg/Kg		08/19/25 16:18	08/21/25 19:23	1
Toluene	ND		0.049	mg/Kg		08/19/25 16:18	08/21/25 19:23	1
Xylenes, Total	ND		0.098	mg/Kg		08/19/25 16:18	08/21/25 19:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			08/19/25 16:18	08/21/25 19:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	39		9.8	mg/Kg		08/21/25 15:26	08/22/25 13:40	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/21/25 15:26	08/22/25 13:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/21/25 15:26	08/22/25 13:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	760		51	mg/Kg		08/20/25 15:00	08/20/25 21:15	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-07 0'

Lab Sample ID: 885-31297-9

Date Collected: 08/14/25 11:23

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/20/25 10:24	08/21/25 20:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			08/20/25 10:24	08/21/25 20:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/20/25 10:24	08/21/25 20:58	1
Ethylbenzene	ND		0.050	mg/Kg		08/20/25 10:24	08/21/25 20:58	1
Toluene	ND		0.050	mg/Kg		08/20/25 10:24	08/21/25 20:58	1
Xylenes, Total	ND		0.10	mg/Kg		08/20/25 10:24	08/21/25 20:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		15 - 150			08/20/25 10:24	08/21/25 20:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1500		97	mg/Kg		08/21/25 15:26	08/22/25 11:58	10
Motor Oil Range Organics [C28-C40]	1100		480	mg/Kg		08/21/25 15:26	08/22/25 11:58	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	D S1-	62 - 134			08/21/25 15:26	08/22/25 11:58	10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61		50	mg/Kg		08/20/25 15:00	08/20/25 21:25	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-11 0'

Lab Sample ID: 885-31297-10

Date Collected: 08/14/25 11:41

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/20/25 10:24	08/21/25 22:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			08/20/25 10:24	08/21/25 22:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/20/25 10:24	08/21/25 22:09	1
Ethylbenzene	ND		0.050	mg/Kg		08/20/25 10:24	08/21/25 22:09	1
Toluene	ND		0.050	mg/Kg		08/20/25 10:24	08/21/25 22:09	1
Xylenes, Total	ND		0.10	mg/Kg		08/20/25 10:24	08/21/25 22:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			08/20/25 10:24	08/21/25 22:09	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]	560		9.6	mg/Kg		08/21/25 15:26	08/22/25 12:11	1
Motor Oil Range Organics [C28-C40]	390		48	mg/Kg		08/21/25 15:26	08/22/25 12:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			08/21/25 15:26	08/22/25 12:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	530		50	mg/Kg		08/20/25 15:00	08/20/25 21:34	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-18 0'

Lab Sample ID: 885-31297-11

Date Collected: 08/14/25 15:30

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/20/25 10:24	08/21/25 23:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			08/20/25 10:24	08/21/25 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		08/20/25 10:24	08/21/25 23:44	1
Ethylbenzene	ND		0.050	mg/Kg		08/20/25 10:24	08/21/25 23:44	1
Toluene	ND		0.050	mg/Kg		08/20/25 10:24	08/21/25 23:44	1
Xylenes, Total	ND		0.10	mg/Kg		08/20/25 10:24	08/21/25 23:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		15 - 150			08/20/25 10:24	08/21/25 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]	890		9.8	mg/Kg		08/21/25 15:26	08/22/25 10:39	1
Motor Oil Range Organics [C28-C40]	940		49	mg/Kg		08/21/25 15:26	08/22/25 10:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	128		62 - 134			08/21/25 15:26	08/22/25 10:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	510		51	mg/Kg		08/20/25 15:00	08/20/25 21:44	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-22 0'

Lab Sample ID: 885-31297-12

Date Collected: 08/15/25 09:48

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/20/25 10:24	08/22/25 00:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			08/20/25 10:24	08/22/25 00:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/20/25 10:24	08/22/25 00:07	1
Ethylbenzene	ND		0.049	mg/Kg		08/20/25 10:24	08/22/25 00:07	1
Toluene	ND		0.049	mg/Kg		08/20/25 10:24	08/22/25 00:07	1
Xylenes, Total	ND		0.098	mg/Kg		08/20/25 10:24	08/22/25 00:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			08/20/25 10:24	08/22/25 00:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	11		9.7	mg/Kg		08/21/25 15:26	08/22/25 12:47	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/21/25 15:26	08/22/25 12:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			08/21/25 15:26	08/22/25 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	590		50	mg/Kg		08/20/25 15:00	08/21/25 13:56	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-26 0'

Lab Sample ID: 885-31297-13

Date Collected: 08/14/25 15:55

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/20/25 10:24	08/22/25 00:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			08/20/25 10:24	08/22/25 00:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/20/25 10:24	08/22/25 00:31	1
Ethylbenzene	ND		0.049	mg/Kg		08/20/25 10:24	08/22/25 00:31	1
Toluene	ND		0.049	mg/Kg		08/20/25 10:24	08/22/25 00:31	1
Xylenes, Total	ND		0.099	mg/Kg		08/20/25 10:24	08/22/25 00:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			08/20/25 10:24	08/22/25 00:31	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]	83		9.6	mg/Kg		08/21/25 15:26	08/22/25 11:00	1
Motor Oil Range Organics [C28-C40]	220		48	mg/Kg		08/21/25 15:26	08/22/25 11:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			08/21/25 15:26	08/22/25 11:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50	mg/Kg		08/20/25 15:00	08/20/25 22:04	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-27 0'

Lab Sample ID: 885-31297-14

Date Collected: 08/14/25 16:00

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/20/25 10:24	08/22/25 01:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			08/20/25 10:24	08/22/25 01:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/20/25 10:24	08/22/25 01:18	1
Ethylbenzene	ND		0.048	mg/Kg		08/20/25 10:24	08/22/25 01:18	1
Toluene	ND		0.048	mg/Kg		08/20/25 10:24	08/22/25 01:18	1
Xylenes, Total	ND		0.097	mg/Kg		08/20/25 10:24	08/22/25 01:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			08/20/25 10:24	08/22/25 01:18	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]	94		10	mg/Kg		08/21/25 15:26	08/22/25 11:11	1
Motor Oil Range Organics [C28-C40]	230		50	mg/Kg		08/21/25 15:26	08/22/25 11:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			08/21/25 15:26	08/22/25 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	900		51	mg/Kg		08/20/25 15:00	08/20/25 22:14	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-33 0'

Lab Sample ID: 885-31297-15

Date Collected: 08/15/25 10:00

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/20/25 10:24	08/22/25 01:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			08/20/25 10:24	08/22/25 01:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/20/25 10:24	08/22/25 01:42	1
Ethylbenzene	ND		0.048	mg/Kg		08/20/25 10:24	08/22/25 01:42	1
Toluene	ND		0.048	mg/Kg		08/20/25 10:24	08/22/25 01:42	1
Xylenes, Total	ND		0.095	mg/Kg		08/20/25 10:24	08/22/25 01:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			08/20/25 10:24	08/22/25 01:42	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]	75		9.2	mg/Kg		08/21/25 15:26	08/22/25 11:22	1
Motor Oil Range Organics [C28-C40]	100		46	mg/Kg		08/21/25 15:26	08/22/25 11:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			08/21/25 15:26	08/22/25 11:22	1
Di-n-octyl phthalate (Surr)	98		62 - 134			08/21/25 15:26	08/22/25 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		50	mg/Kg		08/20/25 15:00	08/20/25 22:43	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-34 0'

Lab Sample ID: 885-31297-16

Date Collected: 08/15/25 10:15

Matrix: Solid

Date Received: 08/19/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/20/25 10:24	08/22/25 02:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			08/20/25 10:24	08/22/25 02:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/20/25 10:24	08/22/25 02:06	1
Ethylbenzene	ND		0.050	mg/Kg		08/20/25 10:24	08/22/25 02:06	1
Toluene	ND		0.050	mg/Kg		08/20/25 10:24	08/22/25 02:06	1
Xylenes, Total	ND		0.099	mg/Kg		08/20/25 10:24	08/22/25 02:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		15 - 150			08/20/25 10:24	08/22/25 02:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	32		9.9	mg/Kg		08/21/25 15:26	08/22/25 12:10	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/21/25 15:26	08/22/25 12:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			08/21/25 15:26	08/22/25 12:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		51	mg/Kg		08/20/25 15:00	08/20/25 22:53	10

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-32757/1-A

Matrix: Solid

Analysis Batch: 32943

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32757

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/19/25 16:18	08/21/25 16:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			08/19/25 16:18	08/21/25 16:12	1

Lab Sample ID: LCS 885-32757/2-A

Matrix: Solid

Analysis Batch: 32943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	23.8		mg/Kg		95	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	198		15 - 150				

Lab Sample ID: MB 885-32807/1-A

Matrix: Solid

Analysis Batch: 32964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32807

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/20/25 10:24	08/21/25 20:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			08/20/25 10:24	08/21/25 20:34	1

Lab Sample ID: LCS 885-32807/2-A

Matrix: Solid

Analysis Batch: 32964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	22.8		mg/Kg		91	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	195		15 - 150				

Lab Sample ID: 885-31297-9 MS

Matrix: Solid

Analysis Batch: 32964

Client Sample ID: BS25-07 0'

Prep Type: Total/NA

Prep Batch: 32807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	23.5		mg/Kg		94	70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: 885-31297-9 MS

Matrix: Solid

Analysis Batch: 32964

Client Sample ID: BS25-07 0'

Prep Type: Total/NA

Prep Batch: 32807

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	184		15 - 150

Lab Sample ID: 885-31297-9 MSD

Matrix: Solid

Analysis Batch: 32964

Client Sample ID: BS25-07 0'

Prep Type: Total/NA

Prep Batch: 32807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		25.0	23.0		mg/Kg		92	70 - 130	2	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	187		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-32757/1-A

Matrix: Solid

Analysis Batch: 32944

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32757

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/19/25 16:18	08/21/25 16:12	1
Ethylbenzene	ND		0.050	mg/Kg		08/19/25 16:18	08/21/25 16:12	1
Toluene	ND		0.050	mg/Kg		08/19/25 16:18	08/21/25 16:12	1
Xylenes, Total	ND		0.10	mg/Kg		08/19/25 16:18	08/21/25 16:12	1
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			08/19/25 16:18	08/21/25 16:12	1

Lab Sample ID: LCS 885-32757/3-A

Matrix: Solid

Analysis Batch: 32944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.03		mg/Kg		103	70 - 130
Ethylbenzene	1.00	0.989		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	2.00	2.10		mg/Kg		105	70 - 130
o-Xylene	1.00	1.00		mg/Kg		100	70 - 130
Toluene	1.00	0.994		mg/Kg		99	70 - 130
	LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	95		15 - 150				

Lab Sample ID: MB 885-32807/1-A

Matrix: Solid

Analysis Batch: 32965

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32807

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/20/25 10:24	08/21/25 20:34	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-32807/1-A

Matrix: Solid

Analysis Batch: 32965

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32807

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.050	mg/Kg		08/20/25 10:24	08/21/25 20:34	1
Toluene	ND		0.050	mg/Kg		08/20/25 10:24	08/21/25 20:34	1
Xylenes, Total	ND		0.10	mg/Kg		08/20/25 10:24	08/21/25 20:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			08/20/25 10:24	08/21/25 20:34	1

Lab Sample ID: LCS 885-32807/3-A

Matrix: Solid

Analysis Batch: 32965

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.976		mg/Kg		98	70 - 130
Ethylbenzene	1.00	0.949		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	2.00	1.98		mg/Kg		99	70 - 130
o-Xylene	1.00	0.955		mg/Kg		96	70 - 130
Toluene	1.00	0.958		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	90		15 - 150				

Lab Sample ID: 885-31297-10 MS

Matrix: Solid

Analysis Batch: 32965

Client Sample ID: BS25-11 0'

Prep Type: Total/NA

Prep Batch: 32807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.999	1.00		mg/Kg		100	70 - 130
Ethylbenzene	ND		0.999	0.989		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	ND		2.00	2.07		mg/Kg		103	70 - 130
o-Xylene	ND		0.999	0.978		mg/Kg		98	70 - 130
Toluene	ND		0.999	0.991		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		15 - 150						

Lab Sample ID: 885-31297-10 MSD

Matrix: Solid

Analysis Batch: 32965

Client Sample ID: BS25-11 0'

Prep Type: Total/NA

Prep Batch: 32807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.995	0.989		mg/Kg		99	70 - 130	1	20
Ethylbenzene	ND		0.995	0.940		mg/Kg		94	70 - 130	5	20
m-Xylene & p-Xylene	ND		1.99	1.96		mg/Kg		99	70 - 130	5	20
o-Xylene	ND		0.995	0.956		mg/Kg		96	70 - 130	2	20
Toluene	ND		0.995	0.959		mg/Kg		96	70 - 130	3	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: 885-31297-10 MSD

Matrix: Solid

Analysis Batch: 32965

Client Sample ID: BS25-11 0'

Prep Type: Total/NA

Prep Batch: 32807

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		15 - 150

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

Lab Sample ID: MB 885-32954/1-A

Matrix: Solid

Analysis Batch: 32983

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32954

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/21/25 15:26	08/22/25 09:45	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/21/25 15:26	08/22/25 09:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			08/21/25 15:26	08/22/25 09:45	1

Lab Sample ID: LCS 885-32954/2-A

Matrix: Solid

Analysis Batch: 32983

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	48.6		mg/Kg		97	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	103		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-32811/1-A

Matrix: Solid

Analysis Batch: 32775

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32811

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		08/20/25 11:00	08/20/25 12:13	1

Lab Sample ID: LCS 885-32811/2-A

Matrix: Solid

Analysis Batch: 32775

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	49.0		mg/Kg		98	90 - 110

Lab Sample ID: MB 885-32860/1-A

Matrix: Solid

Analysis Batch: 32775

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32860

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		08/20/25 15:00	08/20/25 19:07	1

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QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31297-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-32860/2-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 32775				Prep Batch: 32860			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.5	48.7		mg/Kg		98	90 - 110

QC Association Summary

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

GC VOA

Prep Batch: 32757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-1	WS25-01 0-1.1'	Total/NA	Solid	5030C	
885-31297-2	WS25-02 0-1.1'	Total/NA	Solid	5030C	
885-31297-3	BS-25-01 1.1'	Total/NA	Solid	5030C	
885-31297-4	BS25-02 0'	Total/NA	Solid	5030C	
885-31297-5	BS25-03 0'	Total/NA	Solid	5030C	
885-31297-6	BS25-04 0'	Total/NA	Solid	5030C	
885-31297-7	BS25-05 0'	Total/NA	Solid	5030C	
885-31297-8	BS25-06 0'	Total/NA	Solid	5030C	
MB 885-32757/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-32757/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-32757/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 32807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-9	BS25-07 0'	Total/NA	Solid	5030C	
885-31297-10	BS25-11 0'	Total/NA	Solid	5030C	
885-31297-11	BS25-18 0'	Total/NA	Solid	5030C	
885-31297-12	BS25-22 0'	Total/NA	Solid	5030C	
885-31297-13	BS25-26 0'	Total/NA	Solid	5030C	
885-31297-14	BS25-27 0'	Total/NA	Solid	5030C	
885-31297-15	BS25-33 0'	Total/NA	Solid	5030C	
885-31297-16	BS25-34 0'	Total/NA	Solid	5030C	
MB 885-32807/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-32807/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-32807/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-31297-9 MS	BS25-07 0'	Total/NA	Solid	5030C	
885-31297-9 MSD	BS25-07 0'	Total/NA	Solid	5030C	
885-31297-10 MS	BS25-11 0'	Total/NA	Solid	5030C	
885-31297-10 MSD	BS25-11 0'	Total/NA	Solid	5030C	

Analysis Batch: 32943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-1	WS25-01 0-1.1'	Total/NA	Solid	8015M/D	32757
885-31297-2	WS25-02 0-1.1'	Total/NA	Solid	8015M/D	32757
885-31297-3	BS-25-01 1.1'	Total/NA	Solid	8015M/D	32757
885-31297-4	BS25-02 0'	Total/NA	Solid	8015M/D	32757
885-31297-5	BS25-03 0'	Total/NA	Solid	8015M/D	32757
885-31297-6	BS25-04 0'	Total/NA	Solid	8015M/D	32757
885-31297-7	BS25-05 0'	Total/NA	Solid	8015M/D	32757
885-31297-8	BS25-06 0'	Total/NA	Solid	8015M/D	32757
MB 885-32757/1-A	Method Blank	Total/NA	Solid	8015M/D	32757
LCS 885-32757/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32757

Analysis Batch: 32944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-1	WS25-01 0-1.1'	Total/NA	Solid	8021B	32757
885-31297-2	WS25-02 0-1.1'	Total/NA	Solid	8021B	32757
885-31297-3	BS-25-01 1.1'	Total/NA	Solid	8021B	32757
885-31297-4	BS25-02 0'	Total/NA	Solid	8021B	32757
885-31297-5	BS25-03 0'	Total/NA	Solid	8021B	32757
885-31297-6	BS25-04 0'	Total/NA	Solid	8021B	32757

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QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31297-1

GC VOA (Continued)

Analysis Batch: 32944 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-7	BS25-05 0'	Total/NA	Solid	8021B	32757
885-31297-8	BS25-06 0'	Total/NA	Solid	8021B	32757
MB 885-32757/1-A	Method Blank	Total/NA	Solid	8021B	32757
LCS 885-32757/3-A	Lab Control Sample	Total/NA	Solid	8021B	32757

Analysis Batch: 32964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-9	BS25-07 0'	Total/NA	Solid	8015M/D	32807
885-31297-10	BS25-11 0'	Total/NA	Solid	8015M/D	32807
885-31297-11	BS25-18 0'	Total/NA	Solid	8015M/D	32807
885-31297-12	BS25-22 0'	Total/NA	Solid	8015M/D	32807
885-31297-13	BS25-26 0'	Total/NA	Solid	8015M/D	32807
885-31297-14	BS25-27 0'	Total/NA	Solid	8015M/D	32807
885-31297-15	BS25-33 0'	Total/NA	Solid	8015M/D	32807
885-31297-16	BS25-34 0'	Total/NA	Solid	8015M/D	32807
MB 885-32807/1-A	Method Blank	Total/NA	Solid	8015M/D	32807
LCS 885-32807/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32807
885-31297-9 MS	BS25-07 0'	Total/NA	Solid	8015M/D	32807
885-31297-9 MSD	BS25-07 0'	Total/NA	Solid	8015M/D	32807

Analysis Batch: 32965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-9	BS25-07 0'	Total/NA	Solid	8021B	32807
885-31297-10	BS25-11 0'	Total/NA	Solid	8021B	32807
885-31297-11	BS25-18 0'	Total/NA	Solid	8021B	32807
885-31297-12	BS25-22 0'	Total/NA	Solid	8021B	32807
885-31297-13	BS25-26 0'	Total/NA	Solid	8021B	32807
885-31297-14	BS25-27 0'	Total/NA	Solid	8021B	32807
885-31297-15	BS25-33 0'	Total/NA	Solid	8021B	32807
885-31297-16	BS25-34 0'	Total/NA	Solid	8021B	32807
MB 885-32807/1-A	Method Blank	Total/NA	Solid	8021B	32807
LCS 885-32807/3-A	Lab Control Sample	Total/NA	Solid	8021B	32807
885-31297-10 MS	BS25-11 0'	Total/NA	Solid	8021B	32807
885-31297-10 MSD	BS25-11 0'	Total/NA	Solid	8021B	32807

GC Semi VOA

Prep Batch: 32954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-1	WS25-01 0-1.1'	Total/NA	Solid	SHAKE	
885-31297-2	WS25-02 0-1.1'	Total/NA	Solid	SHAKE	
885-31297-3	BS-25-01 1.1'	Total/NA	Solid	SHAKE	
885-31297-4	BS25-02 0'	Total/NA	Solid	SHAKE	
885-31297-5	BS25-03 0'	Total/NA	Solid	SHAKE	
885-31297-6	BS25-04 0'	Total/NA	Solid	SHAKE	
885-31297-7	BS25-05 0'	Total/NA	Solid	SHAKE	
885-31297-8	BS25-06 0'	Total/NA	Solid	SHAKE	
885-31297-9	BS25-07 0'	Total/NA	Solid	SHAKE	
885-31297-10	BS25-11 0'	Total/NA	Solid	SHAKE	
885-31297-11	BS25-18 0'	Total/NA	Solid	SHAKE	
885-31297-12	BS25-22 0'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

GC Semi VOA (Continued)

Prep Batch: 32954 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-13	BS25-26 0'	Total/NA	Solid	SHAKE	
885-31297-14	BS25-27 0'	Total/NA	Solid	SHAKE	
885-31297-15	BS25-33 0'	Total/NA	Solid	SHAKE	
885-31297-16	BS25-34 0'	Total/NA	Solid	SHAKE	
MB 885-32954/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-32954/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 32983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-1	WS25-01 0-1.1'	Total/NA	Solid	8015M/D	32954
885-31297-2	WS25-02 0-1.1'	Total/NA	Solid	8015M/D	32954
885-31297-3	BS-25-01 1.1'	Total/NA	Solid	8015M/D	32954
885-31297-4	BS25-02 0'	Total/NA	Solid	8015M/D	32954
885-31297-5	BS25-03 0'	Total/NA	Solid	8015M/D	32954
885-31297-6	BS25-04 0'	Total/NA	Solid	8015M/D	32954
885-31297-7	BS25-05 0'	Total/NA	Solid	8015M/D	32954
885-31297-8	BS25-06 0'	Total/NA	Solid	8015M/D	32954
885-31297-9	BS25-07 0'	Total/NA	Solid	8015M/D	32954
885-31297-10	BS25-11 0'	Total/NA	Solid	8015M/D	32954
885-31297-12	BS25-22 0'	Total/NA	Solid	8015M/D	32954
885-31297-15	BS25-33 0'	Total/NA	Solid	8015M/D	32954
MB 885-32954/1-A	Method Blank	Total/NA	Solid	8015M/D	32954
LCS 885-32954/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32954

Analysis Batch: 32994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-11	BS25-18 0'	Total/NA	Solid	8015M/D	32954
885-31297-13	BS25-26 0'	Total/NA	Solid	8015M/D	32954
885-31297-14	BS25-27 0'	Total/NA	Solid	8015M/D	32954
885-31297-15	BS25-33 0'	Total/NA	Solid	8015M/D	32954
885-31297-16	BS25-34 0'	Total/NA	Solid	8015M/D	32954

HPLC/IC

Analysis Batch: 32775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-1	WS25-01 0-1.1'	Total/NA	Solid	300.0	32811
885-31297-2	WS25-02 0-1.1'	Total/NA	Solid	300.0	32811
885-31297-3	BS-25-01 1.1'	Total/NA	Solid	300.0	32860
885-31297-4	BS25-02 0'	Total/NA	Solid	300.0	32860
885-31297-5	BS25-03 0'	Total/NA	Solid	300.0	32860
885-31297-6	BS25-04 0'	Total/NA	Solid	300.0	32860
885-31297-7	BS25-05 0'	Total/NA	Solid	300.0	32860
885-31297-8	BS25-06 0'	Total/NA	Solid	300.0	32860
885-31297-9	BS25-07 0'	Total/NA	Solid	300.0	32860
885-31297-10	BS25-11 0'	Total/NA	Solid	300.0	32860
885-31297-11	BS25-18 0'	Total/NA	Solid	300.0	32860
885-31297-13	BS25-26 0'	Total/NA	Solid	300.0	32860
885-31297-14	BS25-27 0'	Total/NA	Solid	300.0	32860
885-31297-15	BS25-33 0'	Total/NA	Solid	300.0	32860
885-31297-16	BS25-34 0'	Total/NA	Solid	300.0	32860

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

HPLC/IC (Continued)

Analysis Batch: 32775 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-32811/1-A	Method Blank	Total/NA	Solid	300.0	32811
MB 885-32860/1-A	Method Blank	Total/NA	Solid	300.0	32860
LCS 885-32811/2-A	Lab Control Sample	Total/NA	Solid	300.0	32811
LCS 885-32860/2-A	Lab Control Sample	Total/NA	Solid	300.0	32860

Prep Batch: 32811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-1	WS25-01 0-1.1'	Total/NA	Solid	300_Prep	
885-31297-2	WS25-02 0-1.1'	Total/NA	Solid	300_Prep	
MB 885-32811/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-32811/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 32860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-3	BS-25-01 1.1'	Total/NA	Solid	300_Prep	
885-31297-4	BS25-02 0'	Total/NA	Solid	300_Prep	
885-31297-5	BS25-03 0'	Total/NA	Solid	300_Prep	
885-31297-6	BS25-04 0'	Total/NA	Solid	300_Prep	
885-31297-7	BS25-05 0'	Total/NA	Solid	300_Prep	
885-31297-8	BS25-06 0'	Total/NA	Solid	300_Prep	
885-31297-9	BS25-07 0'	Total/NA	Solid	300_Prep	
885-31297-10	BS25-11 0'	Total/NA	Solid	300_Prep	
885-31297-11	BS25-18 0'	Total/NA	Solid	300_Prep	
885-31297-12	BS25-22 0'	Total/NA	Solid	300_Prep	
885-31297-13	BS25-26 0'	Total/NA	Solid	300_Prep	
885-31297-14	BS25-27 0'	Total/NA	Solid	300_Prep	
885-31297-15	BS25-33 0'	Total/NA	Solid	300_Prep	
885-31297-16	BS25-34 0'	Total/NA	Solid	300_Prep	
MB 885-32860/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-32860/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 32890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31297-12	BS25-22 0'	Total/NA	Solid	300.0	32860

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: WS25-01 0-1.1'

Lab Sample ID: 885-31297-1

Date Collected: 08/14/25 10:15

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8015M/D		1	32943	JP	EET ALB	08/21/25 16:36
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8021B		1	32944	JP	EET ALB	08/21/25 16:36
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 10:09
Total/NA	Prep	300_Prep			32811	ES	EET ALB	08/20/25 11:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 18:47

Client Sample ID: WS25-02 0-1.1'

Lab Sample ID: 885-31297-2

Date Collected: 08/14/25 10:20

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8015M/D		1	32943	JP	EET ALB	08/21/25 17:00
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8021B		1	32944	JP	EET ALB	08/21/25 17:00
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 10:21
Total/NA	Prep	300_Prep			32811	ES	EET ALB	08/20/25 11:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 18:57

Client Sample ID: BS-25-01 1.1'

Lab Sample ID: 885-31297-3

Date Collected: 08/14/25 10:16

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8015M/D		1	32943	JP	EET ALB	08/21/25 17:24
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8021B		1	32944	JP	EET ALB	08/21/25 17:24
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 10:33
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 19:26

Client Sample ID: BS25-02 0'

Lab Sample ID: 885-31297-4

Date Collected: 08/14/25 10:32

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8015M/D		1	32943	JP	EET ALB	08/21/25 17:48

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-02 0'

Lab Sample ID: 885-31297-4

Date Collected: 08/14/25 10:32

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8021B		1	32944	JP	EET ALB	08/21/25 17:48
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 10:45
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 19:56

Client Sample ID: BS25-03 0'

Lab Sample ID: 885-31297-5

Date Collected: 08/14/25 10:39

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8015M/D		1	32943	JP	EET ALB	08/21/25 18:12
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8021B		1	32944	JP	EET ALB	08/21/25 18:12
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 13:28
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 20:45

Client Sample ID: BS25-04 0'

Lab Sample ID: 885-31297-6

Date Collected: 08/14/25 11:20

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8015M/D		1	32943	JP	EET ALB	08/21/25 18:36
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8021B		1	32944	JP	EET ALB	08/21/25 18:36
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 11:10
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 20:55

Client Sample ID: BS25-05 0'

Lab Sample ID: 885-31297-7

Date Collected: 08/14/25 11:21

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8015M/D		1	32943	JP	EET ALB	08/21/25 18:59
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8021B		1	32944	JP	EET ALB	08/21/25 18:59

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Lab Chronicle

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-05 0'

Lab Sample ID: 885-31297-7

Date Collected: 08/14/25 11:21

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 11:22
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 21:05

Client Sample ID: BS25-06 0'

Lab Sample ID: 885-31297-8

Date Collected: 08/14/25 11:22

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8015M/D		1	32943	JP	EET ALB	08/21/25 19:23
Total/NA	Prep	5030C			32757	KLS	EET ALB	08/19/25 16:18
Total/NA	Analysis	8021B		1	32944	JP	EET ALB	08/21/25 19:23
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 13:40
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 21:15

Client Sample ID: BS25-07 0'

Lab Sample ID: 885-31297-9

Date Collected: 08/14/25 11:23

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8015M/D		1	32964	JP	EET ALB	08/21/25 20:58
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8021B		1	32965	JP	EET ALB	08/21/25 20:58
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		10	32983	EM	EET ALB	08/22/25 11:58
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 21:25

Client Sample ID: BS25-11 0'

Lab Sample ID: 885-31297-10

Date Collected: 08/14/25 11:41

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8015M/D		1	32964	JP	EET ALB	08/21/25 22:09
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8021B		1	32965	JP	EET ALB	08/21/25 22:09
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 12:11

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Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31297-1

Client Sample ID: BS25-11 0'
Date Collected: 08/14/25 11:41
Date Received: 08/19/25 08:00

Lab Sample ID: 885-31297-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 21:34

Client Sample ID: BS25-18 0'
Date Collected: 08/14/25 15:30
Date Received: 08/19/25 08:00

Lab Sample ID: 885-31297-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8015M/D		1	32964	JP	EET ALB	08/21/25 23:44
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8021B		1	32965	JP	EET ALB	08/21/25 23:44
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32994	EM	EET ALB	08/22/25 10:39
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 21:44

Client Sample ID: BS25-22 0'
Date Collected: 08/15/25 09:48
Date Received: 08/19/25 08:00

Lab Sample ID: 885-31297-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8015M/D		1	32964	JP	EET ALB	08/22/25 00:07
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8021B		1	32965	JP	EET ALB	08/22/25 00:07
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 12:47
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32890	RC	EET ALB	08/21/25 13:56

Client Sample ID: BS25-26 0'
Date Collected: 08/14/25 15:55
Date Received: 08/19/25 08:00

Lab Sample ID: 885-31297-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8015M/D		1	32964	JP	EET ALB	08/22/25 00:31
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8021B		1	32965	JP	EET ALB	08/22/25 00:31
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32994	EM	EET ALB	08/22/25 11:00
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 22:04

Lab Chronicle

Client: Vertex

Job ID: 885-31297-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-27 0'

Lab Sample ID: 885-31297-14

Date Collected: 08/14/25 16:00

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8015M/D		1	32964	JP	EET ALB	08/22/25 01:18
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8021B		1	32965	JP	EET ALB	08/22/25 01:18
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32994	EM	EET ALB	08/22/25 11:11
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 22:14

Client Sample ID: BS25-33 0'

Lab Sample ID: 885-31297-15

Date Collected: 08/15/25 10:00

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8015M/D		1	32964	JP	EET ALB	08/22/25 01:42
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8021B		1	32965	JP	EET ALB	08/22/25 01:42
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32994	EM	EET ALB	08/22/25 11:22
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32983	EM	EET ALB	08/22/25 13:53
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 22:43

Client Sample ID: BS25-34 0'

Lab Sample ID: 885-31297-16

Date Collected: 08/15/25 10:15

Matrix: Solid

Date Received: 08/19/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8015M/D		1	32964	JP	EET ALB	08/22/25 02:06
Total/NA	Prep	5030C			32807	KLS	EET ALB	08/20/25 10:24
Total/NA	Analysis	8021B		1	32965	JP	EET ALB	08/22/25 02:06
Total/NA	Prep	SHAKE			32954	DR	EET ALB	08/21/25 15:26
Total/NA	Analysis	8015M/D		1	32994	EM	EET ALB	08/22/25 12:10
Total/NA	Prep	300_Prep			32860	RC	EET ALB	08/20/25 15:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 22:53

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31297-1

Laboratory: Eurofins Albuquerque

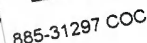
Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-26

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

HEAL No.

Direct bill to Devon work order 21421108 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com,
kstallings@vertexresource.com, SMcCarty@vertexresource.com,
and LPullman@vertexresource.com for Final Report

[illegible]

Via: air Date 8/18/75 Time 1000

Via: 1 Date 8-19-25 Time 08:02
Carrier 8-19-25 08:02

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.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chain-of-Custody Record		Turn-Around Time:	
Client:	Vertex	<input type="checkbox"/> Standard	XRush-48 hour
(direct bill to Devon, work order 21421108)		Project Name:	
Mailing Address:		Snapping 10	Federal #003H
		Project #:	
Phone #:		24E-04518	
email or Fax#:		Project Manager:	
QA/QC Package:		Kent Stallings	
<input type="checkbox"/> Standard	<input type="checkbox"/> Level 4 (Full Validation)	kstallings@vertexresource.com	
Accreditation:	<input type="checkbox"/> Az Compliance	Sampler:	S. McCarty
<input type="checkbox"/> NELAC	<input type="checkbox"/> Other _____	On Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> EDD (Type) _____		# of Coolers:	2 <i>chney</i>

[illegible]

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: 885-31297-1

Login Number: 31297

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/26/2025 3:03:41 PM

JOB DESCRIPTION

Snapping 10 Federal #003H

JOB NUMBER

885-31488-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 12/12/2025 6:57:22 AM

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
8/26/2025 3:03:41 PM

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

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Laboratory Job ID: 885-31488-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-31488-1

Project/Site: Snapping 10 Federal #003H

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: Snapping 10 Federal #003H

Job ID: 885-31488-1

Job ID: 885-31488-1

Eurofins Albuquerque

Job Narrative 885-31488-1

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 sample was received on 8/21/2025 7:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°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

Method 8015D_DRO: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 885-33159 and analytical batch 885-33097 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: Snapping 10 Federal #003H

Job ID: 885-31488-1

Client Sample ID: BS25-44 0'

Lab Sample ID: 885-31488-1

Date Collected: 08/19/25 12:37

Matrix: Solid

Date Received: 08/21/25 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/25 14:00	08/23/25 04:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			08/21/25 14:00	08/23/25 04:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/25 14:00	08/23/25 04:40	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/25 14:00	08/23/25 04:40	1
Toluene	ND		0.048	mg/Kg		08/21/25 14:00	08/23/25 04:40	1
Xylenes, Total	ND		0.095	mg/Kg		08/21/25 14:00	08/23/25 04:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			08/21/25 14:00	08/23/25 04:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/25/25 14:38	08/26/25 02:00	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/25/25 14:38	08/26/25 02:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			08/25/25 14:38	08/26/25 02:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		50	mg/Kg		08/22/25 07:02	08/22/25 09:26	10

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-31488-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-32942/1-A

Matrix: Solid

Analysis Batch: 33040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32942

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/25 14:00	08/23/25 01:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150	08/21/25 14:00	08/23/25 01:29	1

Lab Sample ID: LCS 885-32942/2-A

Matrix: Solid

Analysis Batch: 33040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32942

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	22.0		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	185		15 - 150

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-32942/1-A

Matrix: Solid

Analysis Batch: 33039

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32942

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/25 14:00	08/23/25 01:29	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/25 14:00	08/23/25 01:29	1
Toluene	ND		0.050	mg/Kg		08/21/25 14:00	08/23/25 01:29	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/25 14:00	08/23/25 01:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150	08/21/25 14:00	08/23/25 01:29	1

Lab Sample ID: LCS 885-32942/3-A

Matrix: Solid

Analysis Batch: 33039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32942

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.976		mg/Kg		98	70 - 130
Ethylbenzene	1.00	0.926		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	2.00	1.95		mg/Kg		97	70 - 130
o-Xylene	1.00	0.929		mg/Kg		93	70 - 130
Toluene	1.00	0.952		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		15 - 150

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-31488-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-33159/1-A

Matrix: Solid

Analysis Batch: 33097

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33159

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/25/25 14:38	08/25/25 21:16	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/25/25 14:38	08/25/25 21:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			08/25/25 14:38	08/25/25 21:16	1

Lab Sample ID: LCS 885-33159/2-A

Matrix: Solid

Analysis Batch: 33097

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	43.6		mg/Kg		87	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	93		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-32975/1-A

Matrix: Solid

Analysis Batch: 32973

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32975

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		08/22/25 07:02	08/22/25 08:03	1

Lab Sample ID: LCS 885-32975/2-A

Matrix: Solid

Analysis Batch: 32973

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.3	47.5		mg/Kg		94	90 - 110

Lab Sample ID: 885-31488-1 MS

Matrix: Solid

Analysis Batch: 32973

Client Sample ID: BS25-44 0'

Prep Type: Total/NA

Prep Batch: 32975

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	140		50.0	179		mg/Kg		82	50 - 150

Lab Sample ID: 885-31488-1 MSD

Matrix: Solid

Analysis Batch: 32973

Client Sample ID: BS25-44 0'

Prep Type: Total/NA

Prep Batch: 32975

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		50.0	188		mg/Kg		99	50 - 150	5	20

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31488-1

GC VOA

Prep Batch: 32942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31488-1	BS25-44 0'	Total/NA	Solid	5030C	
MB 885-32942/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-32942/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-32942/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 33039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31488-1	BS25-44 0'	Total/NA	Solid	8021B	32942
MB 885-32942/1-A	Method Blank	Total/NA	Solid	8021B	32942
LCS 885-32942/3-A	Lab Control Sample	Total/NA	Solid	8021B	32942

Analysis Batch: 33040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31488-1	BS25-44 0'	Total/NA	Solid	8015M/D	32942
MB 885-32942/1-A	Method Blank	Total/NA	Solid	8015M/D	32942
LCS 885-32942/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32942

GC Semi VOA

Analysis Batch: 33097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31488-1	BS25-44 0'	Total/NA	Solid	8015M/D	33159
MB 885-33159/1-A	Method Blank	Total/NA	Solid	8015M/D	33159
LCS 885-33159/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	33159

Prep Batch: 33159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31488-1	BS25-44 0'	Total/NA	Solid	SHAKE	
MB 885-33159/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-33159/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 32973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31488-1	BS25-44 0'	Total/NA	Solid	300.0	32975
MB 885-32975/1-A	Method Blank	Total/NA	Solid	300.0	32975
LCS 885-32975/2-A	Lab Control Sample	Total/NA	Solid	300.0	32975
885-31488-1 MS	BS25-44 0'	Total/NA	Solid	300.0	32975
885-31488-1 MSD	BS25-44 0'	Total/NA	Solid	300.0	32975

Prep Batch: 32975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31488-1	BS25-44 0'	Total/NA	Solid	300_Prep	
MB 885-32975/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-32975/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-31488-1 MS	BS25-44 0'	Total/NA	Solid	300_Prep	
885-31488-1 MSD	BS25-44 0'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31488-1

Client Sample ID: BS25-44 0'

Lab Sample ID: 885-31488-1

Date Collected: 08/19/25 12:37

Matrix: Solid

Date Received: 08/21/25 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32942	KLS	EET ALB	08/21/25 14:00
Total/NA	Analysis	8015M/D		1	33040	JP	EET ALB	08/23/25 04:40
Total/NA	Prep	5030C			32942	KLS	EET ALB	08/21/25 14:00
Total/NA	Analysis	8021B		1	33039	JP	EET ALB	08/23/25 04:40
Total/NA	Prep	SHAKE			33159	BZR	EET ALB	08/25/25 14:38
Total/NA	Analysis	8015M/D		1	33097	BZR	EET ALB	08/26/25 02:00
Total/NA	Prep	300_Prep			32975	RC	EET ALB	08/22/25 07:02
Total/NA	Analysis	300.0		10	32973	RC	EET ALB	08/22/25 09:26

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-31488-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, work order 21421108)

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-48 hour

Project Name:

Snapping 10 Federal #003H

Project #:

24E-04518

Project Manager:

Kent Stallings

kstallings@vertexresource.com

Sampler: S. McCarty

On Ice: ☒ Yes ☐ No *Abby*

of Coolers: 1

Cooler Temp (including CF): *3.2 - 0.2 = 3.0*Container
Type and #Preservative
Type

HEAL No.

Date Time Matrix Sample Name

08.19.25 12:37 Soil BS25-44 0'

1, 4oz jar

Ice

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, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

X

X

X

Date: Time: Relinquished by: *Steph McCarty*Date: Time: Relinquished by: *8/20/25 1900 Cmmmmmm*Received by: Via: Date Time *8/20/25 1000*Received by: Via: Date Time *8/21/25 7:45*

Remarks: ATTN Jim Raley

Direct bill to Devon work order 21421108 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com,
kstallings@vertexresource.com, SMcCarty@vertexresource.com,
and LPullman@vertexresource.com for Final Report**HALL ENVIRONMENTAL
ANALYSIS LABOR**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8710

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



885-31488 COC

Analysis Request

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: 885-31488-1

Login Number: 31488

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/8/2025 12:59:37 PM

JOB DESCRIPTION

Snapping 10 Federal #003H

JOB NUMBER

885-34379-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 12/12/2025 6:57:22 AM

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



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

Generated
10/8/2025 12:59:37 PM

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Laboratory Job ID: 885-34379-1

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Definitions/Glossary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34379-1

Qualifiers

GC Semi VOA

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.

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: Snapping 10 Federal #003H

Job ID: 885-34379-1

Job ID: 885-34379-1

Eurofins Albuquerque

Job Narrative 885-34379-1

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 9/30/2025 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 3.8°C.

Receipt Exceptions

Sample WS25-03 0-0.5 on COC should be WS25-04 0-0.5' per client.

Sample WS25-06 0-1.5' on COC states WS25-06 0-0.5' on label. Client instructed lab to go with COC.

COC has a depth of 0.5' while label states 1.5'. Client instructed lab to go with label.

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

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-08 0.5'

Lab Sample ID: 885-34379-1

Date Collected: 09/24/25 10:19

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:53	10/02/25 02:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			09/30/25 14:53	10/02/25 02:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 02:16	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 02:16	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 02:16	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:53	10/02/25 02:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			09/30/25 14:53	10/02/25 02:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	99		9.5	mg/Kg		10/01/25 09:36	10/01/25 18:57	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/01/25 09:36	10/01/25 18:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			10/01/25 09:36	10/01/25 18:57	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2700		51	mg/Kg		10/01/25 06:06	10/01/25 10:23	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-09 0.5'

Lab Sample ID: 885-34379-2

Date Collected: 09/24/25 10:22

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:53	10/02/25 03:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			09/30/25 14:53	10/02/25 03:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 03:27	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 03:27	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 03:27	1
Xylenes, Total	ND		0.10	mg/Kg		09/30/25 14:53	10/02/25 03:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			09/30/25 14:53	10/02/25 03:27	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]	47		9.8	mg/Kg		10/01/25 09:36	10/01/25 19:21	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/01/25 09:36	10/01/25 19:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			10/01/25 09:36	10/01/25 19:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6100		50	mg/Kg		10/01/25 06:06	10/01/25 10:55	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-10 0.5'

Lab Sample ID: 885-34379-3

Date Collected: 09/24/25 10:16

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 04:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			09/30/25 14:53	10/02/25 04:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 04:39	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 04:39	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 04:39	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 14:53	10/02/25 04:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			09/30/25 14:53	10/02/25 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]	900		9.1	mg/Kg		10/01/25 09:36	10/01/25 19:45	1
Motor Oil Range Organics [C28-C40]	650		46	mg/Kg		10/01/25 09:36	10/01/25 19:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	81		62 - 134			10/01/25 09:36	10/01/25 19:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		50	mg/Kg		10/01/25 06:06	10/01/25 11:49	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34379-1

Client Sample ID: BS25-12 0.5'

Lab Sample ID: 885-34379-4

Date Collected: 09/24/25 10:25

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 05:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			09/30/25 14:53	10/02/25 05:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 05:02	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 05:02	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 05:02	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 14:53	10/02/25 05:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			09/30/25 14:53	10/02/25 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]	420		9.1	mg/Kg		10/01/25 09:36	10/02/25 16:04	1
Motor Oil Range Organics [C28-C40]	190		46	mg/Kg		10/01/25 09:36	10/02/25 16:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			10/01/25 09:36	10/02/25 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7300		50	mg/Kg		10/01/25 06:06	10/01/25 12:00	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-14 1.5'

Lab Sample ID: 885-34379-5

Date Collected: 09/24/25 10:34

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:53	10/02/25 05:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			09/30/25 14:53	10/02/25 05:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 05:26	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 05:26	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 05:26	1
Xylenes, Total	ND		0.10	mg/Kg		09/30/25 14:53	10/02/25 05:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			09/30/25 14:53	10/02/25 05:26	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]	460		10	mg/Kg		10/01/25 09:36	10/02/25 16:51	1
Motor Oil Range Organics [C28-C40]	320		50	mg/Kg		10/01/25 09:36	10/02/25 16:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			10/01/25 09:36	10/02/25 16:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7700		51	mg/Kg		10/01/25 06:06	10/01/25 12:11	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-15 0.5'

Lab Sample ID: 885-34379-6

Date Collected: 09/24/25 10:27

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:53	10/02/25 05:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 14:53	10/02/25 05:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 05:50	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 05:50	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 05:50	1
Xylenes, Total	ND		0.10	mg/Kg		09/30/25 14:53	10/02/25 05:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			09/30/25 14:53	10/02/25 05:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	300		9.9	mg/Kg		10/01/25 09:36	10/04/25 00:02	1
Motor Oil Range Organics [C28-C40]	230		50	mg/Kg		10/01/25 09:36	10/04/25 00:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	113		62 - 134			10/01/25 09:36	10/04/25 00:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5600		50	mg/Kg		10/01/25 06:06	10/01/25 12:22	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-16 1.5'

Lab Sample ID: 885-34379-7

Date Collected: 09/24/25 10:44

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:53	10/02/25 06:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 14:53	10/02/25 06:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 06:14	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 06:14	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 06:14	1
Xylenes, Total	ND		0.10	mg/Kg		09/30/25 14:53	10/02/25 06:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			09/30/25 14:53	10/02/25 06:14	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]	110		9.5	mg/Kg		10/03/25 10:21	10/04/25 03:58	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/03/25 10:21	10/04/25 03:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			10/03/25 10:21	10/04/25 03:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4500		50	mg/Kg		10/01/25 06:06	10/01/25 12:33	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-17 1.5'

Lab Sample ID: 885-34379-8

Date Collected: 09/24/25 10:31

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 06:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 14:53	10/02/25 06:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 06:37	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 06:37	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 06:37	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:53	10/02/25 06:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			09/30/25 14:53	10/02/25 06:37	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]	26		9.4	mg/Kg		10/01/25 09:36	10/02/25 18:26	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/01/25 09:36	10/02/25 18:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			10/01/25 09:36	10/02/25 18:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300		50	mg/Kg		10/01/25 06:06	10/01/25 12:44	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-19 1.5'

Lab Sample ID: 885-34379-9

Date Collected: 09/24/25 10:46

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 07:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			09/30/25 14:53	10/02/25 07:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 07:00	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 07:00	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 07:00	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:53	10/02/25 07:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/30/25 14:53	10/02/25 07:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	140		9.7	mg/Kg		10/01/25 09:36	10/01/25 21:43	1
Motor Oil Range Organics [C28-C40]	150		48	mg/Kg		10/01/25 09:36	10/01/25 21:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			10/01/25 09:36	10/01/25 21:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5000		50	mg/Kg		10/01/25 06:06	10/01/25 12:55	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-20 1.5'

Lab Sample ID: 885-34379-10

Date Collected: 09/24/25 11:22

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 07:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			09/30/25 14:53	10/02/25 07:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 07:24	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 07:24	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 07:24	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:53	10/02/25 07:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/30/25 14:53	10/02/25 07:24	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]	20		9.4	mg/Kg		10/01/25 09:36	10/01/25 22:07	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/01/25 09:36	10/01/25 22:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			10/01/25 09:36	10/01/25 22:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		50	mg/Kg		10/01/25 06:06	10/01/25 13:05	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-21 1.5'

Lab Sample ID: 885-34379-11

Date Collected: 09/24/25 10:51

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/30/25 14:53	10/02/25 08:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			09/30/25 14:53	10/02/25 08:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 08:11	1
Ethylbenzene	ND		0.047	mg/Kg		09/30/25 14:53	10/02/25 08:11	1
Toluene	ND		0.047	mg/Kg		09/30/25 14:53	10/02/25 08:11	1
Xylenes, Total	ND		0.094	mg/Kg		09/30/25 14:53	10/02/25 08:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			09/30/25 14:53	10/02/25 08:11	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]	33		10	mg/Kg		10/01/25 09:36	10/01/25 22:30	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/01/25 09:36	10/01/25 22:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			10/01/25 09:36	10/01/25 22:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		50	mg/Kg		10/01/25 06:06	10/01/25 13:16	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-23 1.5'

Lab Sample ID: 885-34379-12

Date Collected: 09/24/25 10:53

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 08:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			09/30/25 14:53	10/02/25 08:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 08:35	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 08:35	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 08:35	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:53	10/02/25 08:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/30/25 14:53	10/02/25 08:35	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]	100		10	mg/Kg		10/01/25 09:36	10/01/25 22:54	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/01/25 09:36	10/01/25 22:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			10/01/25 09:36	10/01/25 22:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		50	mg/Kg		10/01/25 06:06	10/01/25 13:27	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-24 1.5'

Lab Sample ID: 885-34379-13

Date Collected: 09/24/25 11:46

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 08:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 14:53	10/02/25 08:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 08:58	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 08:58	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 08:58	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 14:53	10/02/25 08:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			09/30/25 14:53	10/02/25 08:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	15		9.8	mg/Kg		10/01/25 09:36	10/01/25 23:18	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/01/25 09:36	10/01/25 23:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			10/01/25 09:36	10/01/25 23:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2700		50	mg/Kg		10/01/25 06:06	10/01/25 14:00	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-25 1.5'

Lab Sample ID: 885-34379-14

Date Collected: 09/24/25 11:32

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 09:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			09/30/25 14:53	10/02/25 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 09:22	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 09:22	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 09:22	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:53	10/02/25 09:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/30/25 14:53	10/02/25 09:22	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]	83		9.9	mg/Kg		10/01/25 09:36	10/01/25 23:41	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/01/25 09:36	10/01/25 23:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			10/01/25 09:36	10/01/25 23:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		50	mg/Kg		10/01/25 06:06	10/01/25 14:10	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-28 1.5'

Lab Sample ID: 885-34379-15

Date Collected: 09/24/25 10:58

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:53	10/02/25 09:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			09/30/25 14:53	10/02/25 09:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 09:45	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:53	10/02/25 09:45	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:53	10/02/25 09:45	1
Xylenes, Total	ND		0.095	mg/Kg		09/30/25 14:53	10/02/25 09:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			09/30/25 14:53	10/02/25 09:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	44		9.7	mg/Kg		10/01/25 09:36	10/02/25 00:05	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/01/25 09:36	10/02/25 00:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			10/01/25 09:36	10/02/25 00:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	890		50	mg/Kg		10/01/25 06:06	10/01/25 14:21	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-29 1.5'

Lab Sample ID: 885-34379-16

Date Collected: 09/24/25 11:19

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:53	10/02/25 10:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			09/30/25 14:53	10/02/25 10:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 10:08	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:53	10/02/25 10:08	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:53	10/02/25 10:08	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:53	10/02/25 10:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			09/30/25 14:53	10/02/25 10:08	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]	130		9.7	mg/Kg		10/01/25 09:36	10/02/25 00:28	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/01/25 09:36	10/02/25 00:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			10/01/25 09:36	10/02/25 00:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		50	mg/Kg		10/01/25 06:06	10/01/25 14:32	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-30 1.5'

Lab Sample ID: 885-34379-17

Date Collected: 09/24/25 11:48

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:53	10/02/25 10:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 14:53	10/02/25 10:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 10:32	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 10:32	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:53	10/02/25 10:32	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:53	10/02/25 10:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			09/30/25 14:53	10/02/25 10:32	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		9.5	mg/Kg		10/01/25 09:36	10/02/25 00:52	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/01/25 09:36	10/02/25 00:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			10/01/25 09:36	10/02/25 00:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3600		51	mg/Kg		10/01/25 06:06	10/01/25 14:43	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-37 1.5'

Lab Sample ID: 885-34379-18

Date Collected: 09/24/25 11:06

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:53	10/02/25 10:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/30/25 14:53	10/02/25 10:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 10:55	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:53	10/02/25 10:55	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:53	10/02/25 10:55	1
Xylenes, Total	ND		0.096	mg/Kg		09/30/25 14:53	10/02/25 10:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			09/30/25 14:53	10/02/25 10:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	16		9.7	mg/Kg		10/01/25 09:36	10/02/25 01:15	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/01/25 09:36	10/02/25 01:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			10/01/25 09:36	10/02/25 01:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		50	mg/Kg		10/01/25 06:06	10/01/25 14:54	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34379-1

Client Sample ID: BS25-38 1.5'

Lab Sample ID: 885-34379-19

Date Collected: 09/24/25 11:01

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:53	10/02/25 11:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			09/30/25 14:53	10/02/25 11:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 11:19	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:53	10/02/25 11:19	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:53	10/02/25 11:19	1
Xylenes, Total	ND		0.096	mg/Kg		09/30/25 14:53	10/02/25 11:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			09/30/25 14:53	10/02/25 11:19	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		9.9	mg/Kg		10/01/25 09:36	10/02/25 01:39	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/01/25 09:36	10/02/25 01:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			10/01/25 09:36	10/02/25 01:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	620		50	mg/Kg		10/01/25 06:06	10/01/25 15:05	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-39 1.5'

Lab Sample ID: 885-34379-20

Date Collected: 09/24/25 11:40

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/30/25 14:53	10/02/25 11:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			09/30/25 14:53	10/02/25 11:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:53	10/02/25 11:42	1
Ethylbenzene	ND		0.047	mg/Kg		09/30/25 14:53	10/02/25 11:42	1
Toluene	ND		0.047	mg/Kg		09/30/25 14:53	10/02/25 11:42	1
Xylenes, Total	ND		0.095	mg/Kg		09/30/25 14:53	10/02/25 11:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			09/30/25 14:53	10/02/25 11:42	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]	43		9.9	mg/Kg		10/01/25 09:36	10/02/25 02:02	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/01/25 09:36	10/02/25 02:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			10/01/25 09:36	10/02/25 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		50	mg/Kg		10/01/25 06:06	10/01/25 15:16	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-46 0.5'

Lab Sample ID: 885-34379-21

Date Collected: 09/24/25 12:10

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 15:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 14:00	10/02/25 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 15:37	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 15:37	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 15:37	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 14:00	10/02/25 15:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			09/30/25 14:00	10/02/25 15:37	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]	720		9.3	mg/Kg		10/06/25 14:51	10/07/25 16:43	1
Motor Oil Range Organics [C28-C40]	480		46	mg/Kg		10/06/25 14:51	10/07/25 16:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			10/06/25 14:51	10/07/25 16:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		50	mg/Kg		10/01/25 06:22	10/01/25 15:26	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: WS25-04 0-0.5'

Lab Sample ID: 885-34379-22

Date Collected: 09/24/25 10:30

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 14:00	10/02/25 15:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 15:59	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 15:59	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 15:59	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:00	10/02/25 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 14:00	10/02/25 15:59	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]	420		9.9	mg/Kg		10/06/25 14:51	10/07/25 17:18	1
Motor Oil Range Organics [C28-C40]	450		50	mg/Kg		10/06/25 14:51	10/07/25 17:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			10/06/25 14:51	10/07/25 17:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		50	mg/Kg		10/01/25 06:22	10/01/25 16:21	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: WS25-06 0-1.5'

Lab Sample ID: 885-34379-23

Date Collected: 09/24/25 11:45

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 16:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 14:00	10/02/25 16:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 16:21	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 16:21	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 16:21	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:00	10/02/25 16:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 14:00	10/02/25 16:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	680		9.4	mg/Kg		10/06/25 14:51	10/07/25 17:29	1
Motor Oil Range Organics [C28-C40]	570		47	mg/Kg		10/06/25 14:51	10/07/25 17:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			10/06/25 14:51	10/07/25 17:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3900		49	mg/Kg		10/01/25 06:22	10/01/25 16:53	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: WS25-07 0-1.5'

Lab Sample ID: 885-34379-24

Date Collected: 09/24/25 11:22

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 16:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 14:00	10/02/25 16:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 16:43	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 16:43	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 16:43	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:00	10/02/25 16:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 14:00	10/02/25 16:43	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]	170		9.7	mg/Kg		10/06/25 14:51	10/07/25 17:41	1
Motor Oil Range Organics [C28-C40]	420		49	mg/Kg		10/06/25 14:51	10/07/25 17:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			10/06/25 14:51	10/07/25 17:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		50	mg/Kg		10/01/25 06:22	10/01/25 17:04	10

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Client Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: WS25-08 0-1.5'

Lab Sample ID: 885-34379-25

Date Collected: 09/24/25 11:26

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 17:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 14:00	10/02/25 17:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 17:04	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 17:04	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 17:04	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:00	10/02/25 17:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 14:00	10/02/25 17:04	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]	330		9.3	mg/Kg		10/06/25 14:51	10/07/25 17:52	1
Motor Oil Range Organics [C28-C40]	420		46	mg/Kg		10/06/25 14:51	10/07/25 17:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			10/06/25 14:51	10/07/25 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1900		50	mg/Kg		10/01/25 06:22	10/01/25 17:15	10

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QC Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35745/1-A

Matrix: Solid

Analysis Batch: 35931

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35745

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:00	10/02/25 15:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			09/30/25 14:00	10/02/25 15:16	1

Lab Sample ID: LCS 885-35745/2-A

Matrix: Solid

Analysis Batch: 35931

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	24.9		mg/Kg		100	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	206		15 - 150				

Lab Sample ID: MB 885-35752/1-A

Matrix: Solid

Analysis Batch: 35871

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35752

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:53	10/02/25 01:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			09/30/25 14:53	10/02/25 01:52	1

Lab Sample ID: LCS 885-35752/2-A

Matrix: Solid

Analysis Batch: 35871

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	24.7		mg/Kg		99	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	217		15 - 150				

Lab Sample ID: 885-34379-1 MS

Matrix: Solid

Analysis Batch: 35871

Client Sample ID: BS25-08 0.5'

Prep Type: Total/NA

Prep Batch: 35752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	26.8		mg/Kg		108	70 - 130

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QC Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: 885-34379-1 MS

Matrix: Solid

Analysis Batch: 35871

Client Sample ID: BS25-08 0.5'

Prep Type: Total/NA

Prep Batch: 35752

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	215		15 - 150

Lab Sample ID: 885-34379-1 MSD

Matrix: Solid

Analysis Batch: 35871

Client Sample ID: BS25-08 0.5'

Prep Type: Total/NA

Prep Batch: 35752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	27.0		mg/Kg		109	70 - 130	1	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	222		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-35745/1-A

Matrix: Solid

Analysis Batch: 35932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35745

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 15:16	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:00	10/02/25 15:16	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:00	10/02/25 15:16	1
Xylenes, Total	ND		0.10	mg/Kg		09/30/25 14:00	10/02/25 15:16	1
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			09/30/25 14:00	10/02/25 15:16	1

Lab Sample ID: LCS 885-35745/3-A

Matrix: Solid

Analysis Batch: 35932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.979		mg/Kg		98	70 - 130
Ethylbenzene	1.00	0.971		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	2.00	1.95		mg/Kg		97	70 - 130
o-Xylene	1.00	0.969		mg/Kg		97	70 - 130
Toluene	1.00	0.965		mg/Kg		97	70 - 130
	LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	89		15 - 150				

Lab Sample ID: MB 885-35752/1-A

Matrix: Solid

Analysis Batch: 35872

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35752

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:53	10/02/25 01:52	1

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QC Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35752/1-A

Matrix: Solid

Analysis Batch: 35872

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35752

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 01:52	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 01:52	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:53	10/02/25 01:52	1
Xylenes, Total	ND		0.10	mg/Kg		09/30/25 14:53	10/02/25 01:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150	09/30/25 14:53	10/02/25 01:52	1

Lab Sample ID: LCS 885-35752/3-A

Matrix: Solid

Analysis Batch: 35872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.01		mg/Kg		101	70 - 130
Ethylbenzene	1.00	1.02		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	2.00	2.06		mg/Kg		103	70 - 130
o-Xylene	1.00	1.03		mg/Kg		103	70 - 130
Toluene	1.00	1.01		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		15 - 150

Lab Sample ID: 885-34379-2 MS

Matrix: Solid

Analysis Batch: 35872

Client Sample ID: BS25-09 0.5'

Prep Type: Total/NA

Prep Batch: 35752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.995	1.15		mg/Kg		116	70 - 130
Ethylbenzene	ND		0.995	1.16		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	ND		1.99	2.33		mg/Kg		117	70 - 130
o-Xylene	ND		0.995	1.13		mg/Kg		114	70 - 130
Toluene	ND		0.995	1.16		mg/Kg		116	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		15 - 150

Lab Sample ID: 885-34379-2 MSD

Matrix: Solid

Analysis Batch: 35872

Client Sample ID: BS25-09 0.5'

Prep Type: Total/NA

Prep Batch: 35752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.999	1.11		mg/Kg		111	70 - 130	4	20
Ethylbenzene	ND		0.999	1.11		mg/Kg		111	70 - 130	4	20
m-Xylene & p-Xylene	ND		2.00	2.21		mg/Kg		111	70 - 130	5	20
o-Xylene	ND		0.999	1.08		mg/Kg		108	70 - 130	4	20
Toluene	ND		0.999	1.11		mg/Kg		111	70 - 130	5	20

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QC Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: 885-34379-2 MSD

Matrix: Solid

Analysis Batch: 35872

Client Sample ID: BS25-09 0.5'

Prep Type: Total/NA

Prep Batch: 35752

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		15 - 150

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

Lab Sample ID: MB 885-35797/1-A

Matrix: Solid

Analysis Batch: 35794

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35797

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/01/25 09:36	10/01/25 18:10	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/01/25 09:36	10/01/25 18:10	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			10/01/25 09:36	10/01/25 18:10	1

Lab Sample ID: LCS 885-35797/2-A

Matrix: Solid

Analysis Batch: 35794

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	44.6		mg/Kg		89	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	87		62 - 134				

Lab Sample ID: MB 885-35997/1-A

Matrix: Solid

Analysis Batch: 35978

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35997

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/03/25 10:21	10/04/25 02:47	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/03/25 10:21	10/04/25 02:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			10/03/25 10:21	10/04/25 02:47	1

Lab Sample ID: LCS 885-35997/2-A

Matrix: Solid

Analysis Batch: 35978

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	47.0		mg/Kg		94	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	88		62 - 134				

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-36194/1-A

Matrix: Solid

Analysis Batch: 36238

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36194

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/06/25 14:51	10/07/25 16:21	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/06/25 14:51	10/07/25 16:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			10/06/25 14:51	10/07/25 16:21	1

Lab Sample ID: LCS 885-36194/2-A

Matrix: Solid

Analysis Batch: 36238

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	48.1		mg/Kg		96	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	90		62 - 134				

Lab Sample ID: 885-34379-21 MS

Matrix: Solid

Analysis Batch: 36238

Client Sample ID: BS25-46 0.5'

Prep Type: Total/NA

Prep Batch: 36194

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	720		46.9	678	4	mg/Kg		-79	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	93		62 - 134						

Lab Sample ID: 885-34379-21 MSD

Matrix: Solid

Analysis Batch: 36238

Client Sample ID: BS25-46 0.5'

Prep Type: Total/NA

Prep Batch: 36194

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	720		49.9	653	4	mg/Kg		-125	44 - 136	4	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	98		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-35784/1-A

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35784

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		4.9	mg/Kg		10/01/25 06:06	10/01/25 09:39	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-35784/2-A

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	49.2		mg/Kg		98	90 - 110

Lab Sample ID: 885-34379-2 MS

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: BS25-09 0.5'

Prep Type: Total/NA

Prep Batch: 35784

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6100		49.2	6140	4	mg/Kg		112	50 - 150

Lab Sample ID: MB 885-35785/1-A

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35785

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		10/01/25 06:22	10/01/25 10:01	1

Lab Sample ID: LCS 885-35785/2-A

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	49.5		mg/Kg		99	90 - 110

Lab Sample ID: 885-34379-21 MS

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: BS25-46 0.5'

Prep Type: Total/NA

Prep Batch: 35785

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2000		49.5	2000	4	mg/Kg		90	50 - 150

Lab Sample ID: 885-34379-22 MS

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: WS25-04 0-0.5'

Prep Type: Total/NA

Prep Batch: 35785

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	450		50.0	489	4	mg/Kg		72	50 - 150

Lab Sample ID: 885-34379-22 MSD

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: WS25-04 0-0.5'

Prep Type: Total/NA

Prep Batch: 35785

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	450		50.2	522	4	mg/Kg		136	50 - 150	6	20

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

GC VOA

Prep Batch: 35745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-21	BS25-46 0.5'	Total/NA	Solid	5030C	
885-34379-22	WS25-04 0-0.5'	Total/NA	Solid	5030C	
885-34379-23	WS25-06 0-1.5'	Total/NA	Solid	5030C	
885-34379-24	WS25-07 0-1.5'	Total/NA	Solid	5030C	
885-34379-25	WS25-08 0-1.5'	Total/NA	Solid	5030C	
MB 885-35745/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-35745/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-35745/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 35752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-1	BS25-08 0.5'	Total/NA	Solid	5030C	
885-34379-2	BS25-09 0.5'	Total/NA	Solid	5030C	
885-34379-3	BS25-10 0.5'	Total/NA	Solid	5030C	
885-34379-4	BS25-12 0.5'	Total/NA	Solid	5030C	
885-34379-5	BS25-14 1.5'	Total/NA	Solid	5030C	
885-34379-6	BS25-15 0.5'	Total/NA	Solid	5030C	
885-34379-7	BS25-16 1.5'	Total/NA	Solid	5030C	
885-34379-8	BS25-17 1.5'	Total/NA	Solid	5030C	
885-34379-9	BS25-19 1.5'	Total/NA	Solid	5030C	
885-34379-10	BS25-20 1.5'	Total/NA	Solid	5030C	
885-34379-11	BS25-21 1.5'	Total/NA	Solid	5030C	
885-34379-12	BS25-23 1.5'	Total/NA	Solid	5030C	
885-34379-13	BS25-24 1.5'	Total/NA	Solid	5030C	
885-34379-14	BS25-25 1.5'	Total/NA	Solid	5030C	
885-34379-15	BS25-28 1.5'	Total/NA	Solid	5030C	
885-34379-16	BS25-29 1.5'	Total/NA	Solid	5030C	
885-34379-17	BS25-30 1.5'	Total/NA	Solid	5030C	
885-34379-18	BS25-37 1.5'	Total/NA	Solid	5030C	
885-34379-19	BS25-38 1.5'	Total/NA	Solid	5030C	
885-34379-20	BS25-39 1.5'	Total/NA	Solid	5030C	
MB 885-35752/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-35752/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-35752/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-34379-1 MS	BS25-08 0.5'	Total/NA	Solid	5030C	
885-34379-1 MSD	BS25-08 0.5'	Total/NA	Solid	5030C	
885-34379-2 MS	BS25-09 0.5'	Total/NA	Solid	5030C	
885-34379-2 MSD	BS25-09 0.5'	Total/NA	Solid	5030C	

Analysis Batch: 35871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-1	BS25-08 0.5'	Total/NA	Solid	8015M/D	35752
885-34379-2	BS25-09 0.5'	Total/NA	Solid	8015M/D	35752
885-34379-3	BS25-10 0.5'	Total/NA	Solid	8015M/D	35752
885-34379-4	BS25-12 0.5'	Total/NA	Solid	8015M/D	35752
885-34379-5	BS25-14 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-6	BS25-15 0.5'	Total/NA	Solid	8015M/D	35752
885-34379-7	BS25-16 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-8	BS25-17 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-9	BS25-19 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-10	BS25-20 1.5'	Total/NA	Solid	8015M/D	35752

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

GC VOA (Continued)

Analysis Batch: 35871 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-11	BS25-21 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-12	BS25-23 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-13	BS25-24 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-14	BS25-25 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-15	BS25-28 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-16	BS25-29 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-17	BS25-30 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-18	BS25-37 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-19	BS25-38 1.5'	Total/NA	Solid	8015M/D	35752
885-34379-20	BS25-39 1.5'	Total/NA	Solid	8015M/D	35752
MB 885-35752/1-A	Method Blank	Total/NA	Solid	8015M/D	35752
LCS 885-35752/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35752
885-34379-1 MS	BS25-08 0.5'	Total/NA	Solid	8015M/D	35752
885-34379-1 MSD	BS25-08 0.5'	Total/NA	Solid	8015M/D	35752

Analysis Batch: 35872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-1	BS25-08 0.5'	Total/NA	Solid	8021B	35752
885-34379-2	BS25-09 0.5'	Total/NA	Solid	8021B	35752
885-34379-3	BS25-10 0.5'	Total/NA	Solid	8021B	35752
885-34379-4	BS25-12 0.5'	Total/NA	Solid	8021B	35752
885-34379-5	BS25-14 1.5'	Total/NA	Solid	8021B	35752
885-34379-6	BS25-15 0.5'	Total/NA	Solid	8021B	35752
885-34379-7	BS25-16 1.5'	Total/NA	Solid	8021B	35752
885-34379-8	BS25-17 1.5'	Total/NA	Solid	8021B	35752
885-34379-9	BS25-19 1.5'	Total/NA	Solid	8021B	35752
885-34379-10	BS25-20 1.5'	Total/NA	Solid	8021B	35752
885-34379-11	BS25-21 1.5'	Total/NA	Solid	8021B	35752
885-34379-12	BS25-23 1.5'	Total/NA	Solid	8021B	35752
885-34379-13	BS25-24 1.5'	Total/NA	Solid	8021B	35752
885-34379-14	BS25-25 1.5'	Total/NA	Solid	8021B	35752
885-34379-15	BS25-28 1.5'	Total/NA	Solid	8021B	35752
885-34379-16	BS25-29 1.5'	Total/NA	Solid	8021B	35752
885-34379-17	BS25-30 1.5'	Total/NA	Solid	8021B	35752
885-34379-18	BS25-37 1.5'	Total/NA	Solid	8021B	35752
885-34379-19	BS25-38 1.5'	Total/NA	Solid	8021B	35752
885-34379-20	BS25-39 1.5'	Total/NA	Solid	8021B	35752
MB 885-35752/1-A	Method Blank	Total/NA	Solid	8021B	35752
LCS 885-35752/3-A	Lab Control Sample	Total/NA	Solid	8021B	35752
885-34379-2 MS	BS25-09 0.5'	Total/NA	Solid	8021B	35752
885-34379-2 MSD	BS25-09 0.5'	Total/NA	Solid	8021B	35752

Analysis Batch: 35931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-21	BS25-46 0.5'	Total/NA	Solid	8015M/D	35745
885-34379-22	WS25-04 0-0.5'	Total/NA	Solid	8015M/D	35745
885-34379-23	WS25-06 0-1.5'	Total/NA	Solid	8015M/D	35745
885-34379-24	WS25-07 0-1.5'	Total/NA	Solid	8015M/D	35745
885-34379-25	WS25-08 0-1.5'	Total/NA	Solid	8015M/D	35745
MB 885-35745/1-A	Method Blank	Total/NA	Solid	8015M/D	35745
LCS 885-35745/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35745

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

GC VOA

Analysis Batch: 35932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-21	BS25-46 0.5'	Total/NA	Solid	8021B	35745
885-34379-22	WS25-04 0-0.5'	Total/NA	Solid	8021B	35745
885-34379-23	WS25-06 0-1.5'	Total/NA	Solid	8021B	35745
885-34379-24	WS25-07 0-1.5'	Total/NA	Solid	8021B	35745
885-34379-25	WS25-08 0-1.5'	Total/NA	Solid	8021B	35745
MB 885-35745/1-A	Method Blank	Total/NA	Solid	8021B	35745
LCS 885-35745/3-A	Lab Control Sample	Total/NA	Solid	8021B	35745

GC Semi VOA

Analysis Batch: 35794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-1	BS25-08 0.5'	Total/NA	Solid	8015M/D	35797
885-34379-2	BS25-09 0.5'	Total/NA	Solid	8015M/D	35797
885-34379-3	BS25-10 0.5'	Total/NA	Solid	8015M/D	35797
885-34379-9	BS25-19 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-10	BS25-20 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-11	BS25-21 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-12	BS25-23 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-13	BS25-24 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-14	BS25-25 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-15	BS25-28 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-16	BS25-29 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-17	BS25-30 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-18	BS25-37 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-19	BS25-38 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-20	BS25-39 1.5'	Total/NA	Solid	8015M/D	35797
MB 885-35797/1-A	Method Blank	Total/NA	Solid	8015M/D	35797
LCS 885-35797/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35797

Prep Batch: 35797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-1	BS25-08 0.5'	Total/NA	Solid	SHAKE	
885-34379-2	BS25-09 0.5'	Total/NA	Solid	SHAKE	
885-34379-3	BS25-10 0.5'	Total/NA	Solid	SHAKE	
885-34379-4	BS25-12 0.5'	Total/NA	Solid	SHAKE	
885-34379-5	BS25-14 1.5'	Total/NA	Solid	SHAKE	
885-34379-6	BS25-15 0.5'	Total/NA	Solid	SHAKE	
885-34379-8	BS25-17 1.5'	Total/NA	Solid	SHAKE	
885-34379-9	BS25-19 1.5'	Total/NA	Solid	SHAKE	
885-34379-10	BS25-20 1.5'	Total/NA	Solid	SHAKE	
885-34379-11	BS25-21 1.5'	Total/NA	Solid	SHAKE	
885-34379-12	BS25-23 1.5'	Total/NA	Solid	SHAKE	
885-34379-13	BS25-24 1.5'	Total/NA	Solid	SHAKE	
885-34379-14	BS25-25 1.5'	Total/NA	Solid	SHAKE	
885-34379-15	BS25-28 1.5'	Total/NA	Solid	SHAKE	
885-34379-16	BS25-29 1.5'	Total/NA	Solid	SHAKE	
885-34379-17	BS25-30 1.5'	Total/NA	Solid	SHAKE	
885-34379-18	BS25-37 1.5'	Total/NA	Solid	SHAKE	
885-34379-19	BS25-38 1.5'	Total/NA	Solid	SHAKE	
885-34379-20	BS25-39 1.5'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

GC Semi VOA (Continued)

Prep Batch: 35797 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-35797/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-35797/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 35884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-4	BS25-12 0.5'	Total/NA	Solid	8015M/D	35797
885-34379-5	BS25-14 1.5'	Total/NA	Solid	8015M/D	35797
885-34379-8	BS25-17 1.5'	Total/NA	Solid	8015M/D	35797

Analysis Batch: 35978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-6	BS25-15 0.5'	Total/NA	Solid	8015M/D	35797
885-34379-7	BS25-16 1.5'	Total/NA	Solid	8015M/D	35997
MB 885-35997/1-A	Method Blank	Total/NA	Solid	8015M/D	35997
LCS 885-35997/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35997

Prep Batch: 35997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-7	BS25-16 1.5'	Total/NA	Solid	SHAKE	
MB 885-35997/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-35997/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 36194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-21	BS25-46 0.5'	Total/NA	Solid	SHAKE	
885-34379-22	WS25-04 0-0.5'	Total/NA	Solid	SHAKE	
885-34379-23	WS25-06 0-1.5'	Total/NA	Solid	SHAKE	
885-34379-24	WS25-07 0-1.5'	Total/NA	Solid	SHAKE	
885-34379-25	WS25-08 0-1.5'	Total/NA	Solid	SHAKE	
MB 885-36194/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-36194/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-34379-21 MS	BS25-46 0.5'	Total/NA	Solid	SHAKE	
885-34379-21 MSD	BS25-46 0.5'	Total/NA	Solid	SHAKE	

Analysis Batch: 36238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-21	BS25-46 0.5'	Total/NA	Solid	8015M/D	36194
885-34379-22	WS25-04 0-0.5'	Total/NA	Solid	8015M/D	36194
885-34379-23	WS25-06 0-1.5'	Total/NA	Solid	8015M/D	36194
885-34379-24	WS25-07 0-1.5'	Total/NA	Solid	8015M/D	36194
885-34379-25	WS25-08 0-1.5'	Total/NA	Solid	8015M/D	36194
MB 885-36194/1-A	Method Blank	Total/NA	Solid	8015M/D	36194
LCS 885-36194/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	36194
885-34379-21 MS	BS25-46 0.5'	Total/NA	Solid	8015M/D	36194
885-34379-21 MSD	BS25-46 0.5'	Total/NA	Solid	8015M/D	36194

HPLC/IC

Prep Batch: 35784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-1	BS25-08 0.5'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

HPLC/IC (Continued)

Prep Batch: 35784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-2	BS25-09 0.5'	Total/NA	Solid	300_Prep	
885-34379-3	BS25-10 0.5'	Total/NA	Solid	300_Prep	
885-34379-4	BS25-12 0.5'	Total/NA	Solid	300_Prep	
885-34379-5	BS25-14 1.5'	Total/NA	Solid	300_Prep	
885-34379-6	BS25-15 0.5'	Total/NA	Solid	300_Prep	
885-34379-7	BS25-16 1.5'	Total/NA	Solid	300_Prep	
885-34379-8	BS25-17 1.5'	Total/NA	Solid	300_Prep	
885-34379-9	BS25-19 1.5'	Total/NA	Solid	300_Prep	
885-34379-10	BS25-20 1.5'	Total/NA	Solid	300_Prep	
885-34379-11	BS25-21 1.5'	Total/NA	Solid	300_Prep	
885-34379-12	BS25-23 1.5'	Total/NA	Solid	300_Prep	
885-34379-13	BS25-24 1.5'	Total/NA	Solid	300_Prep	
885-34379-14	BS25-25 1.5'	Total/NA	Solid	300_Prep	
885-34379-15	BS25-28 1.5'	Total/NA	Solid	300_Prep	
885-34379-16	BS25-29 1.5'	Total/NA	Solid	300_Prep	
885-34379-17	BS25-30 1.5'	Total/NA	Solid	300_Prep	
885-34379-18	BS25-37 1.5'	Total/NA	Solid	300_Prep	
885-34379-19	BS25-38 1.5'	Total/NA	Solid	300_Prep	
885-34379-20	BS25-39 1.5'	Total/NA	Solid	300_Prep	
MB 885-35784/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-35784/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-34379-2 MS	BS25-09 0.5'	Total/NA	Solid	300_Prep	

Prep Batch: 35785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-21	BS25-46 0.5'	Total/NA	Solid	300_Prep	
885-34379-22	WS25-04 0-0.5'	Total/NA	Solid	300_Prep	
885-34379-23	WS25-06 0-1.5'	Total/NA	Solid	300_Prep	
885-34379-24	WS25-07 0-1.5'	Total/NA	Solid	300_Prep	
885-34379-25	WS25-08 0-1.5'	Total/NA	Solid	300_Prep	
MB 885-35785/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-35785/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-34379-21 MS	BS25-46 0.5'	Total/NA	Solid	300_Prep	
885-34379-22 MS	WS25-04 0-0.5'	Total/NA	Solid	300_Prep	
885-34379-22 MSD	WS25-04 0-0.5'	Total/NA	Solid	300_Prep	

Analysis Batch: 35796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-1	BS25-08 0.5'	Total/NA	Solid	300.0	35784
885-34379-2	BS25-09 0.5'	Total/NA	Solid	300.0	35784
885-34379-3	BS25-10 0.5'	Total/NA	Solid	300.0	35784
885-34379-4	BS25-12 0.5'	Total/NA	Solid	300.0	35784
885-34379-5	BS25-14 1.5'	Total/NA	Solid	300.0	35784
885-34379-6	BS25-15 0.5'	Total/NA	Solid	300.0	35784
885-34379-7	BS25-16 1.5'	Total/NA	Solid	300.0	35784
885-34379-8	BS25-17 1.5'	Total/NA	Solid	300.0	35784
885-34379-9	BS25-19 1.5'	Total/NA	Solid	300.0	35784
885-34379-10	BS25-20 1.5'	Total/NA	Solid	300.0	35784
885-34379-11	BS25-21 1.5'	Total/NA	Solid	300.0	35784
885-34379-12	BS25-23 1.5'	Total/NA	Solid	300.0	35784
885-34379-13	BS25-24 1.5'	Total/NA	Solid	300.0	35784

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

HPLC/IC (Continued)

Analysis Batch: 35796 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34379-14	BS25-25 1.5'	Total/NA	Solid	300.0	35784
885-34379-15	BS25-28 1.5'	Total/NA	Solid	300.0	35784
885-34379-16	BS25-29 1.5'	Total/NA	Solid	300.0	35784
885-34379-17	BS25-30 1.5'	Total/NA	Solid	300.0	35784
885-34379-18	BS25-37 1.5'	Total/NA	Solid	300.0	35784
885-34379-19	BS25-38 1.5'	Total/NA	Solid	300.0	35784
885-34379-20	BS25-39 1.5'	Total/NA	Solid	300.0	35784
885-34379-21	BS25-46 0.5'	Total/NA	Solid	300.0	35785
885-34379-22	WS25-04 0-0.5'	Total/NA	Solid	300.0	35785
885-34379-23	WS25-06 0-1.5'	Total/NA	Solid	300.0	35785
885-34379-24	WS25-07 0-1.5'	Total/NA	Solid	300.0	35785
885-34379-25	WS25-08 0-1.5'	Total/NA	Solid	300.0	35785
MB 885-35784/1-A	Method Blank	Total/NA	Solid	300.0	35784
MB 885-35785/1-A	Method Blank	Total/NA	Solid	300.0	35785
LCS 885-35784/2-A	Lab Control Sample	Total/NA	Solid	300.0	35784
LCS 885-35785/2-A	Lab Control Sample	Total/NA	Solid	300.0	35785
885-34379-2 MS	BS25-09 0.5'	Total/NA	Solid	300.0	35784
885-34379-21 MS	BS25-46 0.5'	Total/NA	Solid	300.0	35785
885-34379-22 MS	WS25-04 0-0.5'	Total/NA	Solid	300.0	35785
885-34379-22 MSD	WS25-04 0-0.5'	Total/NA	Solid	300.0	35785

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-08 0.5'

Lab Sample ID: 885-34379-1

Date Collected: 09/24/25 10:19

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 02:16
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 02:16
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 18:57
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 10:23

Client Sample ID: BS25-09 0.5'

Lab Sample ID: 885-34379-2

Date Collected: 09/24/25 10:22

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 03:27
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 03:27
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 19:21
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 10:55

Client Sample ID: BS25-10 0.5'

Lab Sample ID: 885-34379-3

Date Collected: 09/24/25 10:16

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 04:39
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 04:39
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 19:45
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 11:49

Client Sample ID: BS25-12 0.5'

Lab Sample ID: 885-34379-4

Date Collected: 09/24/25 10:25

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 05:02

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-12 0.5'

Lab Sample ID: 885-34379-4

Date Collected: 09/24/25 10:25

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 05:02
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35884	DR	EET ALB	10/02/25 16:04
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 12:00

Client Sample ID: BS25-14 1.5'

Lab Sample ID: 885-34379-5

Date Collected: 09/24/25 10:34

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 05:26
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 05:26
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35884	DR	EET ALB	10/02/25 16:51
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 12:11

Client Sample ID: BS25-15 0.5'

Lab Sample ID: 885-34379-6

Date Collected: 09/24/25 10:27

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 05:50
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 05:50
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35978	BZR	EET ALB	10/04/25 00:02
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 12:22

Client Sample ID: BS25-16 1.5'

Lab Sample ID: 885-34379-7

Date Collected: 09/24/25 10:44

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 06:14
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 06:14

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-16 1.5'

Lab Sample ID: 885-34379-7

Date Collected: 09/24/25 10:44

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			35997	DH	EET ALB	10/03/25 10:21
Total/NA	Analysis	8015M/D		1	35978	BZR	EET ALB	10/04/25 03:58
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 12:33

Client Sample ID: BS25-17 1.5'

Lab Sample ID: 885-34379-8

Date Collected: 09/24/25 10:31

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 06:37
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 06:37
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35884	DR	EET ALB	10/02/25 18:26
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 12:44

Client Sample ID: BS25-19 1.5'

Lab Sample ID: 885-34379-9

Date Collected: 09/24/25 10:46

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 07:00
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 07:00
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 21:43
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 12:55

Client Sample ID: BS25-20 1.5'

Lab Sample ID: 885-34379-10

Date Collected: 09/24/25 11:22

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 07:24
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 07:24
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 22:07

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Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34379-1

Client Sample ID: BS25-20 1.5'
Date Collected: 09/24/25 11:22
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34379-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 13:05

Client Sample ID: BS25-21 1.5'
Date Collected: 09/24/25 10:51
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34379-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 08:11
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 08:11
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 22:30
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 13:16

Client Sample ID: BS25-23 1.5'
Date Collected: 09/24/25 10:53
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34379-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 08:35
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 08:35
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 22:54
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 13:27

Client Sample ID: BS25-24 1.5'
Date Collected: 09/24/25 11:46
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34379-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 08:58
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 08:58
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 23:18
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 14:00

Lab Chronicle

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-25 1.5'

Lab Sample ID: 885-34379-14

Date Collected: 09/24/25 11:32

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 09:22
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 09:22
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/01/25 23:41
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 14:10

Client Sample ID: BS25-28 1.5'

Lab Sample ID: 885-34379-15

Date Collected: 09/24/25 10:58

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 09:45
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 09:45
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/02/25 00:05
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 14:21

Client Sample ID: BS25-29 1.5'

Lab Sample ID: 885-34379-16

Date Collected: 09/24/25 11:19

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 10:08
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 10:08
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/02/25 00:28
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 14:32

Client Sample ID: BS25-30 1.5'

Lab Sample ID: 885-34379-17

Date Collected: 09/24/25 11:48

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 10:32

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-30 1.5'

Lab Sample ID: 885-34379-17

Date Collected: 09/24/25 11:48

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 10:32
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/02/25 00:52
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 14:43

Client Sample ID: BS25-37 1.5'

Lab Sample ID: 885-34379-18

Date Collected: 09/24/25 11:06

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 10:55
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 10:55
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/02/25 01:15
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 14:54

Client Sample ID: BS25-38 1.5'

Lab Sample ID: 885-34379-19

Date Collected: 09/24/25 11:01

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 11:19
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 11:19
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/02/25 01:39
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 15:05

Client Sample ID: BS25-39 1.5'

Lab Sample ID: 885-34379-20

Date Collected: 09/24/25 11:40

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8015M/D		1	35871	KLS	EET ALB	10/02/25 11:42
Total/NA	Prep	5030C			35752	CM	EET ALB	09/30/25 14:53
Total/NA	Analysis	8021B		1	35872	KLS	EET ALB	10/02/25 11:42

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34379-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-39 1.5'

Lab Sample ID: 885-34379-20

Date Collected: 09/24/25 11:40

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			35797	DR	EET ALB	10/01/25 09:36
Total/NA	Analysis	8015M/D		1	35794	BZR	EET ALB	10/02/25 02:02
Total/NA	Prep	300_Prep			35784	JT	EET ALB	10/01/25 06:06
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 15:16

Client Sample ID: BS25-46 0.5'

Lab Sample ID: 885-34379-21

Date Collected: 09/24/25 12:10

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 15:37
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 15:37
Total/NA	Prep	SHAKE			36194	EM	EET ALB	10/06/25 14:51
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 16:43
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 15:26

Client Sample ID: WS25-04 0-0.5'

Lab Sample ID: 885-34379-22

Date Collected: 09/24/25 10:30

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 15:59
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 15:59
Total/NA	Prep	SHAKE			36194	EM	EET ALB	10/06/25 14:51
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 17:18
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 16:21

Client Sample ID: WS25-06 0-1.5'

Lab Sample ID: 885-34379-23

Date Collected: 09/24/25 11:45

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 16:21
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 16:21
Total/NA	Prep	SHAKE			36194	EM	EET ALB	10/06/25 14:51
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 17:29

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34379-1

Client Sample ID: WS25-06 0-1.5'
Date Collected: 09/24/25 11:45
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34379-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 16:53

Client Sample ID: WS25-07 0-1.5'
Date Collected: 09/24/25 11:22
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34379-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 16:43
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 16:43
Total/NA	Prep	SHAKE			36194	EM	EET ALB	10/06/25 14:51
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 17:41
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 17:04

Client Sample ID: WS25-08 0-1.5'
Date Collected: 09/24/25 11:26
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34379-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 17:04
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 17:04
Total/NA	Prep	SHAKE			36194	EM	EET ALB	10/06/25 14:51
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 17:52
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 17:15

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34379-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, work order 21421108)

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 **X** Rush-72 hour

Project Name:

Snapping 10 Federal #003H

Project #:

24E-04518

Project Manager:

Kent Stallings

kstallings@vertexresource.com

Sampler: S. Minnix

On Ice: ☒ Yes ☐ No

of Coolers: **1**

Cooler Temp (including CF): **4.0 - 0.2 = 3.8°C**

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
09.24.25	10:19	Soil	BS25-08 0.5'	1, 4oz jar		1
09.24.25	10:22	Soil	BS25-09 0.5'	1, 4oz jar		2
09.24.25	10:16	Soil	BS25-10 0.5'	1, 4oz jar		3
09.24.25	10:25	Soil	BS25-12 0.5'	1, 4oz jar		4
09.24.25	10:34	Soil	BS25-14 1.5'	1, 4oz jar		5
09.24.25	10:27	Soil	BS25-15 0.5'	1, 4oz jar		6
09.24.25	10:44	Soil	BS25-16 1.5'	1, 4oz jar		7
09.24.25	10:31	Soil	BS25-17 1.5'	1, 4oz jar		8
09.24.25	10:46	Soil	BS25-19 1.5'	1, 4oz jar		9
09.24.25	11:22	Soil	BS25-20 1.5'	1, 4oz jar		10
09.24.25	10:51	Soil	BS25-21 1.5'	1, 4oz jar		11
09.24.25	10:53	Soil	BS25-23 1.5'	1, 4oz jar		12

Date: **9-29-25** Time: **0700** Relinquished by: *Sabirullah*

Date: **9/29/25** Time: **1900** Relinquished by: *mmmmmm*

Received by: *mmmmmm* Via: *conner* Date: **9/29/25** Time: **700**

Received by: *mmmmmm* Via: *conner* Date: **9-30-25** Time: **800**



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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



885-34379 COC

Analysis Request

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)										
X	X	X					X													
X	X	X					X													
X	X	X					X													
X	X	X					X													
X	X	X					X													
X	X	X					X													
X	X	X					X													
X	X	X					X													
X	X	X					X													
X	X	X					X													

Remarks: ATTN Jim Raley

Direct bill to Devon work order 21421108 Jim Raley

cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, SMcCarty@vertexresource.com, and LPullman@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: 885-34379-1

Login Number: 34379

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

- 1
- 2
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- 11

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/8/2025 4:28:07 PM

JOB DESCRIPTION

Snapping 10 Federal #003H

JOB NUMBER

885-34380-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 12/12/2025 6:57:22 AM

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
10/8/2025 4:28:07 PM

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

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Laboratory Job ID: 885-34380-1

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Definitions/Glossary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: Snapping 10 Federal #003H

Job ID: 885-34380-1

Job ID: 885-34380-1

Eurofins Albuquerque

Job Narrative 885-34380-1

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 9/30/2025 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 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 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-35935 and analytical batch 885-35978 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-36139 recovered outside acceptance criteria, low biased, for Di-n-octyl phthalate (Surr). All associated samples with low surrogate recovery will be re-ran. All samples with passing surrogate recovery will be reported as is.

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

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-07 0'

Lab Sample ID: 885-34380-1

Date Collected: 09/26/25 10:10

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 17:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			09/30/25 14:00	10/02/25 17:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 17:26	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 17:26	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 17:26	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:00	10/02/25 17:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			09/30/25 14:00	10/02/25 17:26	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]	80	F1	9.1	mg/Kg		10/02/25 15:45	10/03/25 12:13	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/02/25 15:45	10/03/25 12:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	131		62 - 134			10/02/25 15:45	10/03/25 12:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6600		50	mg/Kg		10/01/25 06:22	10/07/25 11:47	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Client Sample ID: BS25-13 1.5'

Lab Sample ID: 885-34380-2

Date Collected: 09/26/25 10:15

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:00	10/02/25 18:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			09/30/25 14:00	10/02/25 18:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 18:31	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:00	10/02/25 18:31	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:00	10/02/25 18:31	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:00	10/02/25 18:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 14:00	10/02/25 18:31	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		9.8	mg/Kg		10/02/25 15:45	10/06/25 14:14	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/02/25 15:45	10/06/25 14:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			10/02/25 15:45	10/06/25 14:14	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		50	mg/Kg		10/01/25 06:22	10/01/25 17:37	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-31 0.5'

Lab Sample ID: 885-34380-3

Date Collected: 09/26/25 11:20

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:00	10/02/25 19:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 14:00	10/02/25 19:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 19:36	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:00	10/02/25 19:36	1
Toluene	ND		0.050	mg/Kg		09/30/25 14:00	10/02/25 19:36	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:00	10/02/25 19:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 14:00	10/02/25 19:36	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]	220		9.4	mg/Kg		10/02/25 15:45	10/07/25 17:51	1
Motor Oil Range Organics [C28-C40]	170		47	mg/Kg		10/02/25 15:45	10/07/25 17:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	134		62 - 134			10/02/25 15:45	10/07/25 17:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3100		51	mg/Kg		10/01/25 06:22	10/01/25 18:09	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-32 0.5'

Lab Sample ID: 885-34380-4

Date Collected: 09/26/25 11:25

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 19:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			09/30/25 14:00	10/02/25 19:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 19:57	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 19:57	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 19:57	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 14:00	10/02/25 19:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			09/30/25 14:00	10/02/25 19:57	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]	33		9.7	mg/Kg		10/02/25 15:45	10/08/25 09:56	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/02/25 15:45	10/08/25 09:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	63		62 - 134			10/02/25 15:45	10/08/25 09:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		50	mg/Kg		10/01/25 06:22	10/01/25 18:20	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-35 0.5'

Lab Sample ID: 885-34380-5

Date Collected: 09/26/25 11:45

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 20:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			09/30/25 14:00	10/02/25 20:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 20:19	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 20:19	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 20:19	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:00	10/02/25 20:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			09/30/25 14:00	10/02/25 20:19	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]	66		9.7	mg/Kg		10/02/25 15:45	10/06/25 15:04	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/02/25 15:45	10/06/25 15:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			10/02/25 15:45	10/06/25 15:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50	mg/Kg		10/01/25 06:22	10/01/25 18:31	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-36 0.5'

Lab Sample ID: 885-34380-6

Date Collected: 09/26/25 12:05

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:00	10/02/25 21:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 14:00	10/02/25 21:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 21:24	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:00	10/02/25 21:24	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:00	10/02/25 21:24	1
Xylenes, Total	ND		0.096	mg/Kg		09/30/25 14:00	10/02/25 21:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 14:00	10/02/25 21:24	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]	25		9.4	mg/Kg		10/02/25 15:45	10/06/25 14:51	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/02/25 15:45	10/06/25 14:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			10/02/25 15:45	10/06/25 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4300		50	mg/Kg		10/01/25 06:22	10/01/25 18:42	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-40 0.5'

Lab Sample ID: 885-34380-7

Date Collected: 09/26/25 12:35

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:00	10/02/25 21:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 14:00	10/02/25 21:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 21:46	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:00	10/02/25 21:46	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:00	10/02/25 21:46	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:00	10/02/25 21:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 14:00	10/02/25 21:46	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]	35		9.6	mg/Kg		10/02/25 15:45	10/06/25 14:39	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/02/25 15:45	10/06/25 14:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	75		62 - 134			10/02/25 15:45	10/06/25 14:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4700		50	mg/Kg		10/01/25 06:22	10/01/25 18:52	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-41 0.5'

Lab Sample ID: 885-34380-8

Date Collected: 09/26/25 12:50

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 22:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			09/30/25 14:00	10/02/25 22:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 22:08	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 22:08	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 22:08	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 14:00	10/02/25 22:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			09/30/25 14:00	10/02/25 22:08	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		10/02/25 15:45	10/06/25 14:26	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/02/25 15:45	10/06/25 14:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			10/02/25 15:45	10/06/25 14:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		49	mg/Kg		10/01/25 06:22	10/01/25 19:03	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-42 0.5'

Lab Sample ID: 885-34380-9

Date Collected: 09/26/25 12:45

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 22:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			09/30/25 14:00	10/02/25 22:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 22:30	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 22:30	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 22:30	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 14:00	10/02/25 22:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			09/30/25 14:00	10/02/25 22:30	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		9.2	mg/Kg		10/02/25 15:45	10/08/25 09:43	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/02/25 15:45	10/08/25 09:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	71		62 - 134			10/02/25 15:45	10/08/25 09:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	540		50	mg/Kg		10/01/25 06:22	10/01/25 19:14	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-43 0.5'

Lab Sample ID: 885-34380-10

Date Collected: 09/26/25 12:55

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:00	10/02/25 22:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			09/30/25 14:00	10/02/25 22:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 22:51	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:00	10/02/25 22:51	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:00	10/02/25 22:51	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:00	10/02/25 22:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			09/30/25 14:00	10/02/25 22:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	91		9.3	mg/Kg		10/02/25 15:45	10/06/25 15:54	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/02/25 15:45	10/06/25 15:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	134		62 - 134			10/02/25 15:45	10/06/25 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		51	mg/Kg		10/01/25 06:22	10/01/25 19:25	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-45 0.5'

Lab Sample ID: 885-34380-11

Date Collected: 09/26/25 10:20

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/02/25 23:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			09/30/25 14:00	10/02/25 23:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 23:13	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 23:13	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/02/25 23:13	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 14:00	10/02/25 23:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			09/30/25 14:00	10/02/25 23:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	17		9.7	mg/Kg		10/02/25 15:45	10/06/25 15:41	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/02/25 15:45	10/06/25 15:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			10/02/25 15:45	10/06/25 15:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99		50	mg/Kg		10/01/25 06:22	10/01/25 19:36	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-47 0.5'

Lab Sample ID: 885-34380-12

Date Collected: 09/26/25 12:25

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:00	10/02/25 23:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			09/30/25 14:00	10/02/25 23:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 23:35	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:00	10/02/25 23:35	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:00	10/02/25 23:35	1
Xylenes, Total	ND		0.096	mg/Kg		09/30/25 14:00	10/02/25 23:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			09/30/25 14:00	10/02/25 23:35	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]	180		9.7	mg/Kg		10/02/25 15:45	10/06/25 15:29	1
Motor Oil Range Organics [C28-C40]	92		48	mg/Kg		10/02/25 15:45	10/06/25 15:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		62 - 134			10/02/25 15:45	10/06/25 15:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		50	mg/Kg		10/01/25 06:22	10/01/25 19:47	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-48 0.'5

Lab Sample ID: 885-34380-13

Date Collected: 09/26/25 12:30

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/30/25 14:00	10/02/25 23:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			09/30/25 14:00	10/02/25 23:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/02/25 23:57	1
Ethylbenzene	ND		0.047	mg/Kg		09/30/25 14:00	10/02/25 23:57	1
Toluene	ND		0.047	mg/Kg		09/30/25 14:00	10/02/25 23:57	1
Xylenes, Total	ND		0.095	mg/Kg		09/30/25 14:00	10/02/25 23:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 14:00	10/02/25 23:57	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]	31		9.4	mg/Kg		10/02/25 15:45	10/06/25 15:16	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/02/25 15:45	10/06/25 15:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	70		62 - 134			10/02/25 15:45	10/06/25 15:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50	mg/Kg		10/01/25 06:22	10/01/25 20:19	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Client Sample ID: BS25-49 0.5'

Lab Sample ID: 885-34380-14

Date Collected: 09/26/25 10:55

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 14:00	10/03/25 00:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 14:00	10/03/25 00:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 14:00	10/03/25 00:18	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 14:00	10/03/25 00:18	1
Toluene	ND		0.048	mg/Kg		09/30/25 14:00	10/03/25 00:18	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:00	10/03/25 00:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 14:00	10/03/25 00:18	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		9.2	mg/Kg		10/02/25 15:45	10/06/25 17:09	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/02/25 15:45	10/06/25 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			10/02/25 15:45	10/06/25 17:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	410		51	mg/Kg		10/01/25 06:22	10/01/25 20:30	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-50 0.5'

Lab Sample ID: 885-34380-15

Date Collected: 09/26/25 10:50

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 14:00	10/03/25 00:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 14:00	10/03/25 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		09/30/25 14:00	10/03/25 00:40	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 14:00	10/03/25 00:40	1
Toluene	ND		0.049	mg/Kg		09/30/25 14:00	10/03/25 00:40	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 14:00	10/03/25 00:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 14:00	10/03/25 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]	630		9.4	mg/Kg		10/02/25 15:45	10/06/25 16:44	1
Motor Oil Range Organics [C28-C40]	310		47	mg/Kg		10/02/25 15:45	10/06/25 16:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	81		62 - 134			10/02/25 15:45	10/06/25 16:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		51	mg/Kg		10/01/25 06:22	10/01/25 20:41	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Client Sample ID: BS25-51 0.5'

Lab Sample ID: 885-34380-16

Date Collected: 09/26/25 10:45

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			09/30/25 15:21	10/01/25 12:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 15:21	10/01/25 12:56	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 12:56	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 12:56	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 15:21	10/01/25 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			09/30/25 15:21	10/01/25 12:56	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		10/02/25 15:45	10/07/25 17:26	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/02/25 15:45	10/07/25 17:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	71		62 - 134			10/02/25 15:45	10/07/25 17:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5600		51	mg/Kg		10/01/25 13:42	10/01/25 23:45	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-52 0.5'

Lab Sample ID: 885-34380-17

Date Collected: 09/26/25 10:40

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 14:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			09/30/25 15:21	10/01/25 14:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 15:21	10/01/25 14:01	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 14:01	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 14:01	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 15:21	10/01/25 14:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 15:21	10/01/25 14:01	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]	600		9.4	mg/Kg		10/02/25 15:45	10/03/25 14:33	1
Motor Oil Range Organics [C28-C40]	920		47	mg/Kg		10/02/25 15:45	10/03/25 14:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			10/02/25 15:45	10/03/25 14:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		49	mg/Kg		10/01/25 13:42	10/01/25 23:56	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-53 0.5'

Lab Sample ID: 885-34380-18

Date Collected: 09/26/25 10:25

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 15:21	10/01/25 15:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 15:21	10/01/25 15:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 15:21	10/01/25 15:06	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 15:06	1
Toluene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 15:06	1
Xylenes, Total	ND		0.096	mg/Kg		09/30/25 15:21	10/01/25 15:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 15:21	10/01/25 15:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	11		9.1	mg/Kg		10/02/25 15:45	10/03/25 15:21	1
Motor Oil Range Organics [C28-C40]	59		46	mg/Kg		10/02/25 15:45	10/03/25 15:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			10/02/25 15:45	10/03/25 15:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	650		51	mg/Kg		10/01/25 13:42	10/02/25 00:29	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-54 0.5'

Lab Sample ID: 885-34380-19

Date Collected: 09/26/25 10:35

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 15:21	10/01/25 15:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			09/30/25 15:21	10/01/25 15:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 15:21	10/01/25 15:28	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 15:28	1
Toluene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 15:28	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 15:21	10/01/25 15:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			09/30/25 15:21	10/01/25 15:28	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]	14		9.8	mg/Kg		10/02/25 15:45	10/03/25 15:44	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/02/25 15:45	10/03/25 15:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			10/02/25 15:45	10/03/25 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	660		50	mg/Kg		10/01/25 13:42	10/02/25 00:40	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-55 0.5'

Lab Sample ID: 885-34380-20

Date Collected: 09/26/25 11:35

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 15:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/30/25 15:21	10/01/25 15:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 15:21	10/01/25 15:49	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 15:49	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 15:49	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 15:21	10/01/25 15:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			09/30/25 15:21	10/01/25 15:49	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]	1700		97	mg/Kg		10/02/25 15:45	10/08/25 10:22	10
Motor Oil Range Organics [C28-C40]	4700		480	mg/Kg		10/02/25 15:45	10/08/25 10:22	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	D S1-	62 - 134			10/02/25 15:45	10/08/25 10:22	10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3400		50	mg/Kg		10/01/25 13:42	10/02/25 00:51	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-56 0.5'

Lab Sample ID: 885-34380-21

Date Collected: 09/26/25 11:30

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 15:21	10/01/25 16:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/30/25 15:21	10/01/25 16:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 15:21	10/01/25 16:11	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 16:11	1
Toluene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 16:11	1
Xylenes, Total	ND		0.095	mg/Kg		09/30/25 15:21	10/01/25 16:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			09/30/25 15:21	10/01/25 16:11	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]	27		9.5	mg/Kg		10/02/25 16:30	10/03/25 13:54	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/02/25 16:30	10/03/25 13:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			10/02/25 16:30	10/03/25 13:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		49	mg/Kg		10/01/25 13:42	10/02/25 01:01	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-57 0.5'

Lab Sample ID: 885-34380-22

Date Collected: 09/26/25 11:40

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 16:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/30/25 15:21	10/01/25 16:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 15:21	10/01/25 16:33	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 16:33	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 16:33	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 15:21	10/01/25 16:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 15:21	10/01/25 16:33	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]	150		9.8	mg/Kg		10/02/25 16:30	10/03/25 14:32	1
Motor Oil Range Organics [C28-C40]	190		49	mg/Kg		10/02/25 16:30	10/03/25 14:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			10/02/25 16:30	10/03/25 14:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		49	mg/Kg		10/01/25 13:42	10/02/25 01:12	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Client Sample ID: BS25-58 0.5'

Lab Sample ID: 885-34380-23

Date Collected: 09/26/25 12:00

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 16:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			09/30/25 15:21	10/01/25 16:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 15:21	10/01/25 16:55	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 16:55	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 16:55	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 15:21	10/01/25 16:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 15:21	10/01/25 16:55	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		10/02/25 16:30	10/03/25 15:09	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/02/25 16:30	10/03/25 15:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			10/02/25 16:30	10/03/25 15:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		50	mg/Kg		10/01/25 13:42	10/02/25 01:23	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-59 0.5'

Lab Sample ID: 885-34380-24

Date Collected: 09/26/25 12:20

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 17:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 15:21	10/01/25 17:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 15:21	10/01/25 17:16	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 17:16	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 17:16	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 15:21	10/01/25 17:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 15:21	10/01/25 17:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	9.6		9.1	mg/Kg		10/02/25 16:30	10/03/25 15:21	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		10/02/25 16:30	10/03/25 15:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	62		62 - 134			10/02/25 16:30	10/03/25 15:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	940		49	mg/Kg		10/01/25 13:42	10/02/25 01:34	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Client Sample ID: BS25-60 0.5'

Lab Sample ID: 885-34380-25

Date Collected: 09/26/25 12:15

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 15:21	10/01/25 18:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			09/30/25 15:21	10/01/25 18:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 15:21	10/01/25 18:00	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 18:00	1
Toluene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 18:00	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 15:21	10/01/25 18:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			09/30/25 15:21	10/01/25 18:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		10/02/25 16:30	10/03/25 15:34	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/02/25 16:30	10/03/25 15:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			10/02/25 16:30	10/03/25 15:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		49	mg/Kg		10/01/25 13:42	10/02/25 01:45	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Client Sample ID: BS25-61 0.5'

Lab Sample ID: 885-34380-26

Date Collected: 09/26/25 12:10

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/30/25 15:21	10/01/25 18:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			09/30/25 15:21	10/01/25 18:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 15:21	10/01/25 18:21	1
Ethylbenzene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 18:21	1
Toluene	ND		0.048	mg/Kg		09/30/25 15:21	10/01/25 18:21	1
Xylenes, Total	ND		0.096	mg/Kg		09/30/25 15:21	10/01/25 18:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 15:21	10/01/25 18:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		10/02/25 16:30	10/03/25 15:46	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/02/25 16:30	10/03/25 15:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	81		62 - 134			10/02/25 16:30	10/03/25 15:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	590		51	mg/Kg		10/01/25 13:42	10/02/25 01:56	10

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Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-62 0.5'

Lab Sample ID: 885-34380-27

Date Collected: 09/26/25 12:40

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 18:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			09/30/25 15:21	10/01/25 18:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 15:21	10/01/25 18:43	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 18:43	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 18:43	1
Xylenes, Total	ND		0.097	mg/Kg		09/30/25 15:21	10/01/25 18:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			09/30/25 15:21	10/01/25 18:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8	mg/Kg		10/02/25 16:30	10/03/25 15:59	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		10/02/25 16:30	10/03/25 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	74		62 - 134			10/02/25 16:30	10/03/25 15:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	660		50	mg/Kg		10/01/25 13:42	10/02/25 02:06	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: WS25-03 0-0.5'

Lab Sample ID: 885-34380-28

Date Collected: 09/26/25 10:00

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 19:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 15:21	10/01/25 19:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 15:21	10/01/25 19:05	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 19:05	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 19:05	1
Xylenes, Total	ND		0.099	mg/Kg		09/30/25 15:21	10/01/25 19:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 15:21	10/01/25 19:05	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]	160		9.5	mg/Kg		10/02/25 16:30	10/03/25 16:12	1
Motor Oil Range Organics [C28-C40]	150		47	mg/Kg		10/02/25 16:30	10/03/25 16:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	73		62 - 134			10/02/25 16:30	10/03/25 16:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3800		50	mg/Kg		10/01/25 13:42	10/02/25 02:39	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: WS25-05 0-1.5'

Lab Sample ID: 885-34380-29

Date Collected: 09/26/25 10:05

Matrix: Solid

Date Received: 09/30/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/30/25 15:21	10/01/25 19:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			09/30/25 15:21	10/01/25 19:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/30/25 15:21	10/01/25 19:26	1
Ethylbenzene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 19:26	1
Toluene	ND		0.049	mg/Kg		09/30/25 15:21	10/01/25 19:26	1
Xylenes, Total	ND		0.098	mg/Kg		09/30/25 15:21	10/01/25 19:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/30/25 15:21	10/01/25 19:26	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		9.5	mg/Kg		10/02/25 16:30	10/03/25 16:24	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/02/25 16:30	10/03/25 16:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			10/02/25 16:30	10/03/25 16:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	650		51	mg/Kg		10/01/25 13:42	10/02/25 02:50	10

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35745/1-A

Matrix: Solid

Analysis Batch: 35931

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35745

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 14:00	10/02/25 15:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			09/30/25 14:00	10/02/25 15:16	1

Lab Sample ID: LCS 885-35745/2-A

Matrix: Solid

Analysis Batch: 35931

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	24.9		mg/Kg		100	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	206		15 - 150				

Lab Sample ID: 885-34380-1 MS

Matrix: Solid

Analysis Batch: 35931

Client Sample ID: BS25-07 0'

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.5	23.7		mg/Kg		97	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	200		15 - 150						

Lab Sample ID: 885-34380-1 MSD

Matrix: Solid

Analysis Batch: 35931

Client Sample ID: BS25-07 0'

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.4	24.7		mg/Kg		101	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	204		15 - 150								

Lab Sample ID: MB 885-35761/1-A

Matrix: Solid

Analysis Batch: 35799

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35761

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/30/25 15:21	10/01/25 11:51	1

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QC Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35761/1-A

Matrix: Solid

Analysis Batch: 35799

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35761

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	95		15 - 150		09/30/25 15:21	10/01/25 11:51	1			

Lab Sample ID: LCS 885-35761/2-A

Matrix: Solid

Analysis Batch: 35799

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35761

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			25.0	26.1		mg/Kg		104	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	208		15 - 150							

Lab Sample ID: 885-34380-16 MS

Matrix: Solid

Analysis Batch: 35799

Client Sample ID: BS25-51 0.5'

Prep Type: Total/NA

Prep Batch: 35761

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	ND		24.4	28.1		mg/Kg		115	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	222		15 - 150							

Lab Sample ID: 885-34380-16 MSD

Matrix: Solid

Analysis Batch: 35799

Client Sample ID: BS25-51 0.5'

Prep Type: Total/NA

Prep Batch: 35761

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	ND		24.5	29.3		mg/Kg		120	70 - 130	4	20	
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	223		15 - 150									

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-35745/1-A

Matrix: Solid

Analysis Batch: 35932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35745

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	ND		0.025	mg/Kg		09/30/25 14:00	10/02/25 15:16	1		
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 14:00	10/02/25 15:16	1		
Toluene	ND		0.050	mg/Kg		09/30/25 14:00	10/02/25 15:16	1		
Xylenes, Total	ND		0.10	mg/Kg		09/30/25 14:00	10/02/25 15:16	1		

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QC Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35745/1-A

Matrix: Solid

Analysis Batch: 35932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35745

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150	09/30/25 14:00	10/02/25 15:16	1

Lab Sample ID: LCS 885-35745/3-A

Matrix: Solid

Analysis Batch: 35932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.979		mg/Kg		98	70 - 130
Ethylbenzene	1.00	0.971		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	2.00	1.95		mg/Kg		97	70 - 130
o-Xylene	1.00	0.969		mg/Kg		97	70 - 130
Toluene	1.00	0.965		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		15 - 150

Lab Sample ID: 885-34380-2 MS

Matrix: Solid

Analysis Batch: 35932

Client Sample ID: BS25-13 1.5'

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.979	0.959		mg/Kg		98	70 - 130
Ethylbenzene	ND		0.979	0.946		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	ND		1.96	1.88		mg/Kg		96	70 - 130
o-Xylene	ND		0.979	0.934		mg/Kg		95	70 - 130
Toluene	ND		0.979	0.938		mg/Kg		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		15 - 150

Lab Sample ID: 885-34380-2 MSD

Matrix: Solid

Analysis Batch: 35932

Client Sample ID: BS25-13 1.5'

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.981	0.991		mg/Kg		101	70 - 130	3	20
Ethylbenzene	ND		0.981	0.970		mg/Kg		99	70 - 130	3	20
m-Xylene & p-Xylene	ND		1.96	1.94		mg/Kg		99	70 - 130	3	20
o-Xylene	ND		0.981	0.962		mg/Kg		98	70 - 130	3	20
Toluene	ND		0.981	0.973		mg/Kg		99	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		15 - 150

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QC Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35761/1-A

Matrix: Solid

Analysis Batch: 35800

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35761

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/30/25 15:21	10/01/25 11:51	1
Ethylbenzene	ND		0.050	mg/Kg		09/30/25 15:21	10/01/25 11:51	1
Toluene	ND		0.050	mg/Kg		09/30/25 15:21	10/01/25 11:51	1
Xylenes, Total	ND		0.10	mg/Kg		09/30/25 15:21	10/01/25 11:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150	09/30/25 15:21	10/01/25 11:51	1

Lab Sample ID: LCS 885-35761/3-A

Matrix: Solid

Analysis Batch: 35800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.918		mg/Kg		92	70 - 130
Ethylbenzene	1.00	0.900		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	2.00	1.82		mg/Kg		91	70 - 130
o-Xylene	1.00	0.912		mg/Kg		91	70 - 130
Toluene	1.00	0.904		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		15 - 150

Lab Sample ID: 885-34380-17 MS

Matrix: Solid

Analysis Batch: 35800

Client Sample ID: BS25-52 0.5'

Prep Type: Total/NA

Prep Batch: 35761

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.977	1.02		mg/Kg		104	70 - 130
Ethylbenzene	ND		0.977	1.03		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	ND		1.95	2.04		mg/Kg		104	70 - 130
o-Xylene	ND		0.977	1.03		mg/Kg		105	70 - 130
Toluene	ND		0.977	1.02		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		15 - 150

Lab Sample ID: 885-34380-17 MSD

Matrix: Solid

Analysis Batch: 35800

Client Sample ID: BS25-52 0.5'

Prep Type: Total/NA

Prep Batch: 35761

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.976	1.05		mg/Kg		108	70 - 130	3	20
Ethylbenzene	ND		0.976	1.05		mg/Kg		107	70 - 130	1	20
m-Xylene & p-Xylene	ND		1.95	2.09		mg/Kg		107	70 - 130	2	20
o-Xylene	ND		0.976	1.03		mg/Kg		106	70 - 130	0	20
Toluene	ND		0.976	1.04		mg/Kg		107	70 - 130	2	20

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QC Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: 885-34380-17 MSD

Client Sample ID: BS25-52 0.5'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35800

Prep Batch: 35761

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		15 - 150

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

Lab Sample ID: MB 885-35935/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35978

Prep Batch: 35935

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/02/25 15:45	10/03/25 11:26	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/02/25 15:45	10/03/25 11:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			10/02/25 15:45	10/03/25 11:26	1

Lab Sample ID: LCS 885-35935/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35978

Prep Batch: 35935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	55.8		mg/Kg		112	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	92		62 - 134				

Lab Sample ID: 885-34380-1 MS

Client Sample ID: BS25-07 0'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35978

Prep Batch: 35935

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	80	F1	46.8	151	F1	mg/Kg		152	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	135	S1+	62 - 134						

Lab Sample ID: 885-34380-1 MSD

Client Sample ID: BS25-07 0'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35978

Prep Batch: 35935

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	80	F1	48.0	135		mg/Kg		115	44 - 136	11	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	123		62 - 134								

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QC Sample Results

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35943/1-A

Matrix: Solid

Analysis Batch: 35979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35943

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/02/25 16:30	10/03/25 13:29	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/02/25 16:30	10/03/25 13:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			10/02/25 16:30	10/03/25 13:29	1

Lab Sample ID: LCS 885-35943/2-A

Matrix: Solid

Analysis Batch: 35979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Diesel Range Organics [C10-C28]	50.0	49.0		mg/Kg		98	51 - 148	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
Di-n-octyl phthalate (Surr)	97		62 - 134					

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-35784/1-A

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35784

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		4.9	mg/Kg		10/01/25 06:06	10/01/25 09:39	1

Lab Sample ID: LCS 885-35784/2-A

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	50.0	49.2		mg/Kg		98	90 - 110	

Lab Sample ID: MB 885-35785/1-A

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35785

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		10/01/25 06:22	10/01/25 10:01	1

Lab Sample ID: LCS 885-35785/2-A

Matrix: Solid

Analysis Batch: 35796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	50.0	49.5		mg/Kg		99	90 - 110	

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QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-35835/1-A					Client Sample ID: Method Blank				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 35796					Prep Batch: 35835				
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		5.0	mg/Kg		10/01/25 13:42	10/01/25 21:13	1	

Lab Sample ID: LCS 885-35835/2-A					Client Sample ID: Lab Control Sample				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 35796					Prep Batch: 35835				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	50.3	49.7		mg/Kg		99	90 - 110		

QC Association Summary

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

GC VOA

Prep Batch: 35745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-1	BS25-07 0'	Total/NA	Solid	5030C	
885-34380-2	BS25-13 1.5'	Total/NA	Solid	5030C	
885-34380-3	BS25-31 0.5'	Total/NA	Solid	5030C	
885-34380-4	BS25-32 0.5'	Total/NA	Solid	5030C	
885-34380-5	BS25-35 0.5'	Total/NA	Solid	5030C	
885-34380-6	BS25-36 0.5'	Total/NA	Solid	5030C	
885-34380-7	BS25-40 0.5'	Total/NA	Solid	5030C	
885-34380-8	BS25-41 0.5'	Total/NA	Solid	5030C	
885-34380-9	BS25-42 0.5'	Total/NA	Solid	5030C	
885-34380-10	BS25-43 0.5'	Total/NA	Solid	5030C	
885-34380-11	BS25-45 0.5'	Total/NA	Solid	5030C	
885-34380-12	BS25-47 0.5'	Total/NA	Solid	5030C	
885-34380-13	BS25-48 0.5'	Total/NA	Solid	5030C	
885-34380-14	BS25-49 0.5'	Total/NA	Solid	5030C	
885-34380-15	BS25-50 0.5'	Total/NA	Solid	5030C	
MB 885-35745/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-35745/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-35745/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-34380-1 MS	BS25-07 0'	Total/NA	Solid	5030C	
885-34380-1 MSD	BS25-07 0'	Total/NA	Solid	5030C	
885-34380-2 MS	BS25-13 1.5'	Total/NA	Solid	5030C	
885-34380-2 MSD	BS25-13 1.5'	Total/NA	Solid	5030C	

Prep Batch: 35761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-16	BS25-51 0.5'	Total/NA	Solid	5030C	
885-34380-17	BS25-52 0.5'	Total/NA	Solid	5030C	
885-34380-18	BS25-53 0.5'	Total/NA	Solid	5030C	
885-34380-19	BS25-54 0.5'	Total/NA	Solid	5030C	
885-34380-20	BS25-55 0.5'	Total/NA	Solid	5030C	
885-34380-21	BS25-56 0.5'	Total/NA	Solid	5030C	
885-34380-22	BS25-57 0.5'	Total/NA	Solid	5030C	
885-34380-23	BS25-58 0.5'	Total/NA	Solid	5030C	
885-34380-24	BS25-59 0.5'	Total/NA	Solid	5030C	
885-34380-25	BS25-60 0.5'	Total/NA	Solid	5030C	
885-34380-26	BS25-61 0.5'	Total/NA	Solid	5030C	
885-34380-27	BS25-62 0.5'	Total/NA	Solid	5030C	
885-34380-28	WS25-03 0-0.5'	Total/NA	Solid	5030C	
885-34380-29	WS25-05 0-1.5'	Total/NA	Solid	5030C	
MB 885-35761/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-35761/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-35761/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-34380-16 MS	BS25-51 0.5'	Total/NA	Solid	5030C	
885-34380-16 MSD	BS25-51 0.5'	Total/NA	Solid	5030C	
885-34380-17 MS	BS25-52 0.5'	Total/NA	Solid	5030C	
885-34380-17 MSD	BS25-52 0.5'	Total/NA	Solid	5030C	

Analysis Batch: 35799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-16	BS25-51 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-17	BS25-52 0.5'	Total/NA	Solid	8015M/D	35761

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QC Association Summary

Client: Vertex

Job ID: 885-34380-1

GC VOA (Continued)

Analysis Batch: 35799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-18	BS25-53 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-19	BS25-54 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-20	BS25-55 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-21	BS25-56 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-22	BS25-57 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-23	BS25-58 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-24	BS25-59 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-25	BS25-60 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-26	BS25-61 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-27	BS25-62 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-28	WS25-03 0-0.5'	Total/NA	Solid	8015M/D	35761
885-34380-29	WS25-05 0-1.5'	Total/NA	Solid	8015M/D	35761
MB 885-35761/1-A	Method Blank	Total/NA	Solid	8015M/D	35761
LCS 885-35761/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35761
885-34380-16 MS	BS25-51 0.5'	Total/NA	Solid	8015M/D	35761
885-34380-16 MSD	BS25-51 0.5'	Total/NA	Solid	8015M/D	35761

Analysis Batch: 35800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-16	BS25-51 0.5'	Total/NA	Solid	8021B	35761
885-34380-17	BS25-52 0.5'	Total/NA	Solid	8021B	35761
885-34380-18	BS25-53 0.5'	Total/NA	Solid	8021B	35761
885-34380-19	BS25-54 0.5'	Total/NA	Solid	8021B	35761
885-34380-20	BS25-55 0.5'	Total/NA	Solid	8021B	35761
885-34380-21	BS25-56 0.5'	Total/NA	Solid	8021B	35761
885-34380-22	BS25-57 0.5'	Total/NA	Solid	8021B	35761
885-34380-23	BS25-58 0.5'	Total/NA	Solid	8021B	35761
885-34380-24	BS25-59 0.5'	Total/NA	Solid	8021B	35761
885-34380-25	BS25-60 0.5'	Total/NA	Solid	8021B	35761
885-34380-26	BS25-61 0.5'	Total/NA	Solid	8021B	35761
885-34380-27	BS25-62 0.5'	Total/NA	Solid	8021B	35761
885-34380-28	WS25-03 0-0.5'	Total/NA	Solid	8021B	35761
885-34380-29	WS25-05 0-1.5'	Total/NA	Solid	8021B	35761
MB 885-35761/1-A	Method Blank	Total/NA	Solid	8021B	35761
LCS 885-35761/3-A	Lab Control Sample	Total/NA	Solid	8021B	35761
885-34380-17 MS	BS25-52 0.5'	Total/NA	Solid	8021B	35761
885-34380-17 MSD	BS25-52 0.5'	Total/NA	Solid	8021B	35761

Analysis Batch: 35931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-1	BS25-07 0'	Total/NA	Solid	8015M/D	35745
885-34380-2	BS25-13 1.5'	Total/NA	Solid	8015M/D	35745
885-34380-3	BS25-31 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-4	BS25-32 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-5	BS25-35 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-6	BS25-36 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-7	BS25-40 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-8	BS25-41 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-9	BS25-42 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-10	BS25-43 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-11	BS25-45 0.5'	Total/NA	Solid	8015M/D	35745

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QC Association Summary

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

GC VOA (Continued)

Analysis Batch: 35931 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-12	BS25-47 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-13	BS25-48 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-14	BS25-49 0.5'	Total/NA	Solid	8015M/D	35745
885-34380-15	BS25-50 0.5'	Total/NA	Solid	8015M/D	35745
MB 885-35745/1-A	Method Blank	Total/NA	Solid	8015M/D	35745
LCS 885-35745/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35745
885-34380-1 MS	BS25-07 0'	Total/NA	Solid	8015M/D	35745
885-34380-1 MSD	BS25-07 0'	Total/NA	Solid	8015M/D	35745

Analysis Batch: 35932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-1	BS25-07 0'	Total/NA	Solid	8021B	35745
885-34380-2	BS25-13 1.5'	Total/NA	Solid	8021B	35745
885-34380-3	BS25-31 0.5'	Total/NA	Solid	8021B	35745
885-34380-4	BS25-32 0.5'	Total/NA	Solid	8021B	35745
885-34380-5	BS25-35 0.5'	Total/NA	Solid	8021B	35745
885-34380-6	BS25-36 0.5'	Total/NA	Solid	8021B	35745
885-34380-7	BS25-40 0.5'	Total/NA	Solid	8021B	35745
885-34380-8	BS25-41 0.5'	Total/NA	Solid	8021B	35745
885-34380-9	BS25-42 0.5'	Total/NA	Solid	8021B	35745
885-34380-10	BS25-43 0.5'	Total/NA	Solid	8021B	35745
885-34380-11	BS25-45 0.5'	Total/NA	Solid	8021B	35745
885-34380-12	BS25-47 0.5'	Total/NA	Solid	8021B	35745
885-34380-13	BS25-48 0.5'	Total/NA	Solid	8021B	35745
885-34380-14	BS25-49 0.5'	Total/NA	Solid	8021B	35745
885-34380-15	BS25-50 0.5'	Total/NA	Solid	8021B	35745
MB 885-35745/1-A	Method Blank	Total/NA	Solid	8021B	35745
LCS 885-35745/3-A	Lab Control Sample	Total/NA	Solid	8021B	35745
885-34380-2 MS	BS25-13 1.5'	Total/NA	Solid	8021B	35745
885-34380-2 MSD	BS25-13 1.5'	Total/NA	Solid	8021B	35745

GC Semi VOA

Prep Batch: 35935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-1	BS25-07 0'	Total/NA	Solid	SHAKE	
885-34380-2	BS25-13 1.5'	Total/NA	Solid	SHAKE	
885-34380-3	BS25-31 0.5'	Total/NA	Solid	SHAKE	
885-34380-4	BS25-32 0.5'	Total/NA	Solid	SHAKE	
885-34380-5	BS25-35 0.5'	Total/NA	Solid	SHAKE	
885-34380-6	BS25-36 0.5'	Total/NA	Solid	SHAKE	
885-34380-7	BS25-40 0.5'	Total/NA	Solid	SHAKE	
885-34380-8	BS25-41 0.5'	Total/NA	Solid	SHAKE	
885-34380-9	BS25-42 0.5'	Total/NA	Solid	SHAKE	
885-34380-10	BS25-43 0.5'	Total/NA	Solid	SHAKE	
885-34380-11	BS25-45 0.5'	Total/NA	Solid	SHAKE	
885-34380-12	BS25-47 0.5'	Total/NA	Solid	SHAKE	
885-34380-13	BS25-48 0.5'	Total/NA	Solid	SHAKE	
885-34380-14	BS25-49 0.5'	Total/NA	Solid	SHAKE	
885-34380-15	BS25-50 0.5'	Total/NA	Solid	SHAKE	
885-34380-16	BS25-51 0.5'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

GC Semi VOA (Continued)

Prep Batch: 35935 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-17	BS25-52 0.5'	Total/NA	Solid	SHAKE	
885-34380-18	BS25-53 0.5'	Total/NA	Solid	SHAKE	
885-34380-19	BS25-54 0.5'	Total/NA	Solid	SHAKE	
885-34380-20	BS25-55 0.5'	Total/NA	Solid	SHAKE	
MB 885-35935/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-35935/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-34380-1 MS	BS25-07 0'	Total/NA	Solid	SHAKE	
885-34380-1 MSD	BS25-07 0'	Total/NA	Solid	SHAKE	

Prep Batch: 35943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-21	BS25-56 0.5'	Total/NA	Solid	SHAKE	
885-34380-22	BS25-57 0.5'	Total/NA	Solid	SHAKE	
885-34380-23	BS25-58 0.5'	Total/NA	Solid	SHAKE	
885-34380-24	BS25-59 0.5'	Total/NA	Solid	SHAKE	
885-34380-25	BS25-60 0.5'	Total/NA	Solid	SHAKE	
885-34380-26	BS25-61 0.5'	Total/NA	Solid	SHAKE	
885-34380-27	BS25-62 0.5'	Total/NA	Solid	SHAKE	
885-34380-28	WS25-03 0-0.5'	Total/NA	Solid	SHAKE	
885-34380-29	WS25-05 0-1.5'	Total/NA	Solid	SHAKE	
MB 885-35943/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-35943/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 35978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-1	BS25-07 0'	Total/NA	Solid	8015M/D	35935
885-34380-17	BS25-52 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-18	BS25-53 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-19	BS25-54 0.5'	Total/NA	Solid	8015M/D	35935
MB 885-35935/1-A	Method Blank	Total/NA	Solid	8015M/D	35935
LCS 885-35935/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35935
885-34380-1 MS	BS25-07 0'	Total/NA	Solid	8015M/D	35935
885-34380-1 MSD	BS25-07 0'	Total/NA	Solid	8015M/D	35935

Analysis Batch: 35979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-21	BS25-56 0.5'	Total/NA	Solid	8015M/D	35943
885-34380-22	BS25-57 0.5'	Total/NA	Solid	8015M/D	35943
885-34380-23	BS25-58 0.5'	Total/NA	Solid	8015M/D	35943
885-34380-24	BS25-59 0.5'	Total/NA	Solid	8015M/D	35943
885-34380-25	BS25-60 0.5'	Total/NA	Solid	8015M/D	35943
885-34380-26	BS25-61 0.5'	Total/NA	Solid	8015M/D	35943
885-34380-27	BS25-62 0.5'	Total/NA	Solid	8015M/D	35943
885-34380-28	WS25-03 0-0.5'	Total/NA	Solid	8015M/D	35943
885-34380-29	WS25-05 0-1.5'	Total/NA	Solid	8015M/D	35943
MB 885-35943/1-A	Method Blank	Total/NA	Solid	8015M/D	35943
LCS 885-35943/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35943

Analysis Batch: 36139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-2	BS25-13 1.5'	Total/NA	Solid	8015M/D	35935

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

GC Semi VOA (Continued)

Analysis Batch: 36139 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-5	BS25-35 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-6	BS25-36 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-7	BS25-40 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-8	BS25-41 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-10	BS25-43 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-11	BS25-45 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-12	BS25-47 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-13	BS25-48 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-14	BS25-49 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-15	BS25-50 0.5'	Total/NA	Solid	8015M/D	35935

Analysis Batch: 36232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-3	BS25-31 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-16	BS25-51 0.5'	Total/NA	Solid	8015M/D	35935

Analysis Batch: 36296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-4	BS25-32 0.5'	Total/NA	Solid	8015M/D	35935
885-34380-9	BS25-42 0.5'	Total/NA	Solid	8015M/D	35935

Analysis Batch: 36298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-20	BS25-55 0.5'	Total/NA	Solid	8015M/D	35935

HPLC/IC

Prep Batch: 35784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-35784/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-35784/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 35785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-1	BS25-07 0'	Total/NA	Solid	300_Prep	
885-34380-2	BS25-13 1.5'	Total/NA	Solid	300_Prep	
885-34380-3	BS25-31 0.5'	Total/NA	Solid	300_Prep	
885-34380-4	BS25-32 0.5'	Total/NA	Solid	300_Prep	
885-34380-5	BS25-35 0.5'	Total/NA	Solid	300_Prep	
885-34380-6	BS25-36 0.5'	Total/NA	Solid	300_Prep	
885-34380-7	BS25-40 0.5'	Total/NA	Solid	300_Prep	
885-34380-8	BS25-41 0.5'	Total/NA	Solid	300_Prep	
885-34380-9	BS25-42 0.5'	Total/NA	Solid	300_Prep	
885-34380-10	BS25-43 0.5'	Total/NA	Solid	300_Prep	
885-34380-11	BS25-45 0.5'	Total/NA	Solid	300_Prep	
885-34380-12	BS25-47 0.5'	Total/NA	Solid	300_Prep	
885-34380-13	BS25-48 0.5'	Total/NA	Solid	300_Prep	
885-34380-14	BS25-49 0.5'	Total/NA	Solid	300_Prep	
885-34380-15	BS25-50 0.5'	Total/NA	Solid	300_Prep	
MB 885-35785/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-35785/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

HPLC/IC

Analysis Batch: 35796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-2	BS25-13 1.5'	Total/NA	Solid	300.0	35785
885-34380-3	BS25-31 0.5'	Total/NA	Solid	300.0	35785
885-34380-4	BS25-32 0.5'	Total/NA	Solid	300.0	35785
885-34380-5	BS25-35 0.5'	Total/NA	Solid	300.0	35785
885-34380-6	BS25-36 0.5'	Total/NA	Solid	300.0	35785
885-34380-7	BS25-40 0.5'	Total/NA	Solid	300.0	35785
885-34380-8	BS25-41 0.5'	Total/NA	Solid	300.0	35785
885-34380-9	BS25-42 0.5'	Total/NA	Solid	300.0	35785
885-34380-10	BS25-43 0.5'	Total/NA	Solid	300.0	35785
885-34380-11	BS25-45 0.5'	Total/NA	Solid	300.0	35785
885-34380-12	BS25-47 0.5'	Total/NA	Solid	300.0	35785
885-34380-13	BS25-48 0.5'	Total/NA	Solid	300.0	35785
885-34380-14	BS25-49 0.5'	Total/NA	Solid	300.0	35785
885-34380-15	BS25-50 0.5'	Total/NA	Solid	300.0	35785
885-34380-16	BS25-51 0.5'	Total/NA	Solid	300.0	35835
885-34380-17	BS25-52 0.5'	Total/NA	Solid	300.0	35835
885-34380-18	BS25-53 0.5'	Total/NA	Solid	300.0	35835
885-34380-19	BS25-54 0.5'	Total/NA	Solid	300.0	35835
885-34380-20	BS25-55 0.5'	Total/NA	Solid	300.0	35835
885-34380-21	BS25-56 0.5'	Total/NA	Solid	300.0	35835
885-34380-22	BS25-57 0.5'	Total/NA	Solid	300.0	35835
885-34380-23	BS25-58 0.5'	Total/NA	Solid	300.0	35835
885-34380-24	BS25-59 0.5'	Total/NA	Solid	300.0	35835
885-34380-25	BS25-60 0.5'	Total/NA	Solid	300.0	35835
885-34380-26	BS25-61 0.5'	Total/NA	Solid	300.0	35835
885-34380-27	BS25-62 0.5'	Total/NA	Solid	300.0	35835
885-34380-28	WS25-03 0-0.5'	Total/NA	Solid	300.0	35835
885-34380-29	WS25-05 0-1.5'	Total/NA	Solid	300.0	35835
MB 885-35784/1-A	Method Blank	Total/NA	Solid	300.0	35784
MB 885-35785/1-A	Method Blank	Total/NA	Solid	300.0	35785
MB 885-35835/1-A	Method Blank	Total/NA	Solid	300.0	35835
LCS 885-35784/2-A	Lab Control Sample	Total/NA	Solid	300.0	35784
LCS 885-35785/2-A	Lab Control Sample	Total/NA	Solid	300.0	35785
LCS 885-35835/2-A	Lab Control Sample	Total/NA	Solid	300.0	35835

Prep Batch: 35835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-16	BS25-51 0.5'	Total/NA	Solid	300_Prep	
885-34380-17	BS25-52 0.5'	Total/NA	Solid	300_Prep	
885-34380-18	BS25-53 0.5'	Total/NA	Solid	300_Prep	
885-34380-19	BS25-54 0.5'	Total/NA	Solid	300_Prep	
885-34380-20	BS25-55 0.5'	Total/NA	Solid	300_Prep	
885-34380-21	BS25-56 0.5'	Total/NA	Solid	300_Prep	
885-34380-22	BS25-57 0.5'	Total/NA	Solid	300_Prep	
885-34380-23	BS25-58 0.5'	Total/NA	Solid	300_Prep	
885-34380-24	BS25-59 0.5'	Total/NA	Solid	300_Prep	
885-34380-25	BS25-60 0.5'	Total/NA	Solid	300_Prep	
885-34380-26	BS25-61 0.5'	Total/NA	Solid	300_Prep	
885-34380-27	BS25-62 0.5'	Total/NA	Solid	300_Prep	
885-34380-28	WS25-03 0-0.5'	Total/NA	Solid	300_Prep	
885-34380-29	WS25-05 0-1.5'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

HPLC/IC (Continued)

Prep Batch: 35835 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-35835/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-35835/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 36248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34380-1	BS25-07 0'	Total/NA	Solid	300.0	35785

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

Lab Chronicle

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-07 0'

Lab Sample ID: 885-34380-1

Date Collected: 09/26/25 10:10

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 17:26
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 17:26
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	35978	BZR	EET ALB	10/03/25 12:13
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	36248	MA	EET ALB	10/07/25 11:47

Client Sample ID: BS25-13 1.5'

Lab Sample ID: 885-34380-2

Date Collected: 09/26/25 10:15

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 18:31
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 18:31
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 14:14
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 17:37

Client Sample ID: BS25-31 0.5'

Lab Sample ID: 885-34380-3

Date Collected: 09/26/25 11:20

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 19:36
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 19:36
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36232	DH	EET ALB	10/07/25 17:51
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 18:09

Client Sample ID: BS25-32 0.5'

Lab Sample ID: 885-34380-4

Date Collected: 09/26/25 11:25

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 19:57

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Client Sample ID: BS25-32 0.5'
Date Collected: 09/26/25 11:25
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34380-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 19:57
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36296	EM	EET ALB	10/08/25 09:56
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 18:20

Client Sample ID: BS25-35 0.5'
Date Collected: 09/26/25 11:45
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34380-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 20:19
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 20:19
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 15:04
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 18:31

Client Sample ID: BS25-36 0.5'
Date Collected: 09/26/25 12:05
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34380-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 21:24
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 21:24
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 14:51
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 18:42

Client Sample ID: BS25-40 0.5'
Date Collected: 09/26/25 12:35
Date Received: 09/30/25 08:00

Lab Sample ID: 885-34380-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 21:46
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 21:46

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-40 0.5'

Lab Sample ID: 885-34380-7

Date Collected: 09/26/25 12:35

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 14:39
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 18:52

Client Sample ID: BS25-41 0.5'

Lab Sample ID: 885-34380-8

Date Collected: 09/26/25 12:50

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 22:08
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 22:08
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 14:26
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 19:03

Client Sample ID: BS25-42 0.5'

Lab Sample ID: 885-34380-9

Date Collected: 09/26/25 12:45

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 22:30
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 22:30
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36296	EM	EET ALB	10/08/25 09:43
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 19:14

Client Sample ID: BS25-43 0.5'

Lab Sample ID: 885-34380-10

Date Collected: 09/26/25 12:55

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 22:51
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 22:51
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 15:54

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-43 0.5'

Lab Sample ID: 885-34380-10

Date Collected: 09/26/25 12:55

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 19:25

Client Sample ID: BS25-45 0.5'

Lab Sample ID: 885-34380-11

Date Collected: 09/26/25 10:20

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 23:13
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 23:13
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 15:41
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 19:36

Client Sample ID: BS25-47 0.5'

Lab Sample ID: 885-34380-12

Date Collected: 09/26/25 12:25

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 23:35
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 23:35
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 15:29
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 19:47

Client Sample ID: BS25-48 0.5'

Lab Sample ID: 885-34380-13

Date Collected: 09/26/25 12:30

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/02/25 23:57
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/02/25 23:57
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 15:16
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 20:19

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Lab Chronicle

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-49 0.5'

Lab Sample ID: 885-34380-14

Date Collected: 09/26/25 10:55

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/03/25 00:18
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/03/25 00:18
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 17:09
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 20:30

Client Sample ID: BS25-50 0.5'

Lab Sample ID: 885-34380-15

Date Collected: 09/26/25 10:50

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8015M/D		1	35931	AT	EET ALB	10/03/25 00:40
Total/NA	Prep	5030C			35745	AT	EET ALB	09/30/25 14:00
Total/NA	Analysis	8021B		1	35932	AT	EET ALB	10/03/25 00:40
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 16:44
Total/NA	Prep	300_Prep			35785	JT	EET ALB	10/01/25 06:22
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 20:41

Client Sample ID: BS25-51 0.5'

Lab Sample ID: 885-34380-16

Date Collected: 09/26/25 10:45

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 12:56
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 12:56
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	36232	DH	EET ALB	10/07/25 17:26
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 23:45

Client Sample ID: BS25-52 0.5'

Lab Sample ID: 885-34380-17

Date Collected: 09/26/25 10:40

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 14:01

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Lab Chronicle

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-52 0.5'

Lab Sample ID: 885-34380-17

Date Collected: 09/26/25 10:40

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 14:01
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	35978	BZR	EET ALB	10/03/25 14:33
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/01/25 23:56

Client Sample ID: BS25-53 0.5'

Lab Sample ID: 885-34380-18

Date Collected: 09/26/25 10:25

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 15:06
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 15:06
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	35978	BZR	EET ALB	10/03/25 15:21
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 00:29

Client Sample ID: BS25-54 0.5'

Lab Sample ID: 885-34380-19

Date Collected: 09/26/25 10:35

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 15:28
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 15:28
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		1	35978	BZR	EET ALB	10/03/25 15:44
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 00:40

Client Sample ID: BS25-55 0.5'

Lab Sample ID: 885-34380-20

Date Collected: 09/26/25 11:35

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 15:49
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 15:49

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Lab Chronicle

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-55 0.5'

Lab Sample ID: 885-34380-20

Date Collected: 09/26/25 11:35

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			35935	BZR	EET ALB	10/02/25 15:45
Total/NA	Analysis	8015M/D		10	36298	EM	EET ALB	10/08/25 10:22
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 00:51

Client Sample ID: BS25-56 0.5'

Lab Sample ID: 885-34380-21

Date Collected: 09/26/25 11:30

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 16:11
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 16:11
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 13:54
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 01:01

Client Sample ID: BS25-57 0.5'

Lab Sample ID: 885-34380-22

Date Collected: 09/26/25 11:40

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 16:33
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 16:33
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 14:32
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 01:12

Client Sample ID: BS25-58 0.5'

Lab Sample ID: 885-34380-23

Date Collected: 09/26/25 12:00

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 16:55
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 16:55
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 15:09

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Lab Chronicle

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-58 0.5'

Lab Sample ID: 885-34380-23

Date Collected: 09/26/25 12:00

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 01:23

Client Sample ID: BS25-59 0.5'

Lab Sample ID: 885-34380-24

Date Collected: 09/26/25 12:20

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 17:16
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 17:16
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 15:21
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 01:34

Client Sample ID: BS25-60 0.5'

Lab Sample ID: 885-34380-25

Date Collected: 09/26/25 12:15

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 18:00
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 18:00
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 15:34
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 01:45

Client Sample ID: BS25-61 0.5'

Lab Sample ID: 885-34380-26

Date Collected: 09/26/25 12:10

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 18:21
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 18:21
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 15:46
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 01:56

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Lab Chronicle

Client: Vertex

Job ID: 885-34380-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-62 0.5'

Lab Sample ID: 885-34380-27

Date Collected: 09/26/25 12:40

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 18:43
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 18:43
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 15:59
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 02:06

Client Sample ID: WS25-03 0-0.5'

Lab Sample ID: 885-34380-28

Date Collected: 09/26/25 10:00

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 19:05
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 19:05
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 16:12
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 02:39

Client Sample ID: WS25-05 0-1.5'

Lab Sample ID: 885-34380-29

Date Collected: 09/26/25 10:05

Matrix: Solid

Date Received: 09/30/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8015M/D		1	35799	RA	EET ALB	10/01/25 19:26
Total/NA	Prep	5030C			35761	VP	EET ALB	09/30/25 15:21
Total/NA	Analysis	8021B		1	35800	RA	EET ALB	10/01/25 19:26
Total/NA	Prep	SHAKE			35943	DH	EET ALB	10/02/25 16:30
Total/NA	Analysis	8015M/D		1	35979	EM	EET ALB	10/03/25 16:24
Total/NA	Prep	300_Prep			35835	MA	EET ALB	10/01/25 13:42
Total/NA	Analysis	300.0		10	35796	MA	EET ALB	10/02/25 02:50

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34380-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client:	Vertex	Turn-Around Time:	<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush-72 hour
(direct bill to Devon, work order 21421108)		Project Name:	
Mailing Address:		Snapping 10 Federal #003H	
		Project #:	
Phone #:		24E-04518	
email or Fax#:		Project Manager:	
QA/QC Package:		Kent Stallings	
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		kstallings@vertexresource.com	
Accreditation: <input type="checkbox"/> Az Compliance		Sampler: L. Pullman	
<input type="checkbox"/> NELAC <input type="checkbox"/> Other		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> EDD (Type)		# of Coolers: 1	

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
09.26.25	10:10	Soil	BS25-07 0'	1, 4oz jar		1
09.26.25	10:15	Soil	BS25-13 1.5'	1, 4oz jar		2
09.26.25	11:20	Soil	BS25-31 0.5'	1, 4oz jar		3
09.26.25	11:25	Soil	BS25-32 0.5'	1, 4oz jar		4
09.26.25	11:45	Soil	BS25-35 0.5'	1, 4oz jar		5
09.26.25	12:05	Soil	BS25-36 0.5'	1, 4oz jar		6
09.26.25	12:35	Soil	BS25-40 0.5'	1, 4oz jar		7
09.26.25	12:50	Soil	BS25-41 0.5'	1, 4oz jar		8
09.26.25	12:45	Soil	BS25-42 0.5'	1, 4oz jar		9
09.26.25	12:55	Soil	BS25-43 0.5'	1, 4oz jar		10
09.26.25	10:20	Soil	BS25-45 0.5'	1, 4oz jar		11
09.26.25	12:25	Soil	BS25-47 0.5'	1, 4oz jar		12

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9-29-25	0700	<i>Lake Pullman</i>	<i>McCarthy</i>		9/30/25	700
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/30/25	1900	<i>McCarthy</i>	<i>McCarthy</i>	Courier	9-30-25	800



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM

Tel. 505-345-3975 Fax 505-345-4

885-34380 COC



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	Cl F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)										
X	X					X													
X	X					X													
X	X					X													
X	X					X													
X	X					X													
X	X					X													
X	X					X													
X	X					X													
X	X					X													
X	X					X													

Remarks: ATTN Jim Raley
 Direct bill to Devon work order 21421108 Jim Raley
 cc. permian@vertexresource.com, SCarttar@vertexresource.com,
 kstallings@vertexresource.com, SMcCarty@vertexresource.com,
 and LPullman@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.

Chain-of-Custody Record

Client: **Vertex**

(direct bill to **Devon**, work order **21421108**)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:	<input type="checkbox"/> Standard	<input checked="" type="checkbox"/> Rush-72 hour
Project Name:	Snapping 10 Federal #003H	
Project #:	24E-04518	
Project Manager:	Kent Stallings	
	kstallings@vertexresource.com	
Sampler:	L. Pullman	
On Ice:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
# of Coolers:	1	



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

[illegible]

Date: 9-22-28	Time: 0700	Relinquished by: Sakutulan
Date: 9/24/28	Time: 1900	Relinquished by: Garrison

Received by:	Via:	Date	Time
<i>[Signature]</i>		9/29/25	700
Received by:	Via:	Date	Time
<i>[Signature]</i>	counter	9-30-25	800

Remarks: ATTN Jim Raley
Direct bill to Devon work order 21421108 Jim Raley
cc. permian@vertexresource.com, SCartar@vertexresource.com,
kstallings@vertexresource.com, SMcCarty@vertexresource.com,
and LPullman@vertexresource.com for Final Report

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

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, work order 21421108)

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 **X**Rush-72 hour

Project Name:

Snapping 10 Federal #003H

Project #:

24E-04518

Project Manager:

Kent Stallings

kstallings@vertexresource.com

Sampler: L. Pullman

On Ice:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---------	---	-----------------------------

of Coolers:

Cooler Temp (including CF): $4.0 - 0.2 = 3.8^\circ\text{F}$

Container
Type and :

Preservative
Type

HEAL No.

Date	Time	Matrix	Sample Name
------	------	--------	-------------

09.26.25	12:15	Soil	BS25-60 0.5'
----------	-------	------	--------------

09.26.25	12:10	Soil	BS25-61 0.5'
----------	-------	------	--------------

09.26.25	12:40	Soil	BS25-62 0.5'
----------	-------	------	--------------

09.26.25	10:00	Soil	WS25-03 0-0.5'
----------	-------	------	----------------

09.26.25	10:05	Soil	WS25-05 0-1.5'
----------	-------	------	----------------

Date:	Time:	Relinquished by:
-------	-------	------------------

9-29-25 07:00 J. L. H. [Signature]

Date:	Time:	Relinquished by:
-------	-------	------------------

9/9/75

Received by:	Via:	Date	Time
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a.a. : abdo -

Received by:	Via:	Date	Time
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Courtesy 800

[illegible]

Remarks: ATTN Jim Raley
Direct bill to Devon work order 21421108 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com,
kstallings@vertexresource.com, SMcCarty@vertexresource.com,
and LPullman@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: 885-34380-1

Login Number: 34380

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

- 1
- 2
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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/8/2025 3:19:28 PM

JOB DESCRIPTION

Snapping 10 Federal #003H

JOB NUMBER

885-34698-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 12/12/2025 6:57:22 AM

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
10/8/2025 3:19:28 PM

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

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Laboratory Job ID: 885-34698-1

Table of Contents

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Definitions/Glossary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34698-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

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: Snapping 10 Federal #003H

Job ID: 885-34698-1

Job ID: 885-34698-1

Eurofins Albuquerque

Job Narrative 885-34698-1

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 10/3/2025 8:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.5°C and 0.7°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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-36314 and analytical batch 885-36296 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-63 0.5'

Lab Sample ID: 885-34698-1

Date Collected: 10/01/25 08:53

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/03/25 10:00	10/05/25 03:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			10/03/25 10:00	10/05/25 03:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/03/25 10:00	10/05/25 03:08	1
Ethylbenzene	ND		0.050	mg/Kg		10/03/25 10:00	10/05/25 03:08	1
Toluene	ND		0.050	mg/Kg		10/03/25 10:00	10/05/25 03:08	1
Xylenes, Total	ND		0.099	mg/Kg		10/03/25 10:00	10/05/25 03:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			10/03/25 10:00	10/05/25 03:08	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	F1	9.5	mg/Kg		10/08/25 10:38	10/08/25 12:22	1
Motor Oil Range Organics [C28-C40]	140		48	mg/Kg		10/08/25 10:38	10/08/25 12:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			10/08/25 10:38	10/08/25 12:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	650		51	mg/Kg		10/04/25 12:39	10/04/25 19:56	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-64 0.5'

Lab Sample ID: 885-34698-2

Date Collected: 10/01/25 09:01

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/03/25 10:00	10/05/25 04:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			10/03/25 10:00	10/05/25 04:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 04:14	1
Ethylbenzene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 04:14	1
Toluene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 04:14	1
Xylenes, Total	ND		0.098	mg/Kg		10/03/25 10:00	10/05/25 04:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			10/03/25 10:00	10/05/25 04:14	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]	80		9.2	mg/Kg		10/08/25 10:38	10/08/25 13:00	1
Motor Oil Range Organics [C28-C40]	91		46	mg/Kg		10/08/25 10:38	10/08/25 13:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			10/08/25 10:38	10/08/25 13:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		51	mg/Kg		10/04/25 12:39	10/04/25 20:10	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-65 0.5'

Lab Sample ID: 885-34698-3

Date Collected: 10/01/25 09:06

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/03/25 10:00	10/05/25 05:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			10/03/25 10:00	10/05/25 05:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/03/25 10:00	10/05/25 05:20	1
Ethylbenzene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 05:20	1
Toluene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 05:20	1
Xylenes, Total	ND		0.098	mg/Kg		10/03/25 10:00	10/05/25 05:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			10/03/25 10:00	10/05/25 05:20	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]	21		8.4	mg/Kg		10/06/25 11:03	10/06/25 23:05	1
Motor Oil Range Organics [C28-C40]	ND		42	mg/Kg		10/06/25 11:03	10/06/25 23:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			10/06/25 11:03	10/06/25 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		50	mg/Kg		10/04/25 12:39	10/04/25 20:24	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-66 1.5'

Lab Sample ID: 885-34698-4

Date Collected: 10/01/25 08:00

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/03/25 10:00	10/05/25 05:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			10/03/25 10:00	10/05/25 05:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 05:41	1
Ethylbenzene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 05:41	1
Toluene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 05:41	1
Xylenes, Total	ND		0.096	mg/Kg		10/03/25 10:00	10/05/25 05:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			10/03/25 10:00	10/05/25 05:41	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]	170		9.4	mg/Kg		10/06/25 11:03	10/06/25 23:17	1
Motor Oil Range Organics [C28-C40]	98		47	mg/Kg		10/06/25 11:03	10/06/25 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			10/06/25 11:03	10/06/25 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		50	mg/Kg		10/04/25 12:39	10/04/25 20:38	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-67 1.5'

Lab Sample ID: 885-34698-5

Date Collected: 10/01/25 08:03

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/03/25 10:00	10/05/25 06:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			10/03/25 10:00	10/05/25 06:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/03/25 10:00	10/05/25 06:03	1
Ethylbenzene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 06:03	1
Toluene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 06:03	1
Xylenes, Total	ND		0.098	mg/Kg		10/03/25 10:00	10/05/25 06:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			10/03/25 10:00	10/05/25 06:03	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]	130		8.5	mg/Kg		10/06/25 11:03	10/06/25 23:30	1
Motor Oil Range Organics [C28-C40]	120		42	mg/Kg		10/06/25 11:03	10/06/25 23:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	69		62 - 134			10/06/25 11:03	10/06/25 23:30	1
Di-n-octyl phthalate (Surr)	73		62 - 134			10/06/25 11:03	10/07/25 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6300		50	mg/Kg		10/04/25 12:39	10/04/25 20:52	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-68 1.5'

Lab Sample ID: 885-34698-6

Date Collected: 10/01/25 08:06

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/03/25 10:00	10/05/25 06:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			10/03/25 10:00	10/05/25 06:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 06:25	1
Ethylbenzene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 06:25	1
Toluene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 06:25	1
Xylenes, Total	ND		0.098	mg/Kg		10/03/25 10:00	10/05/25 06:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			10/03/25 10:00	10/05/25 06:25	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]	41		8.9	mg/Kg		10/06/25 11:03	10/08/25 00:09	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		10/06/25 11:03	10/08/25 00:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			10/06/25 11:03	10/08/25 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50	mg/Kg		10/04/25 12:39	10/04/25 21:06	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-69 1.5'

Lab Sample ID: 885-34698-7

Date Collected: 10/01/25 08:10

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/03/25 10:00	10/05/25 06:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			10/03/25 10:00	10/05/25 06:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/03/25 10:00	10/05/25 06:47	1
Ethylbenzene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 06:47	1
Toluene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 06:47	1
Xylenes, Total	ND		0.098	mg/Kg		10/03/25 10:00	10/05/25 06:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			10/03/25 10:00	10/05/25 06:47	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]	93		9.6	mg/Kg		10/08/25 10:38	10/08/25 13:12	1
Motor Oil Range Organics [C28-C40]	91		48	mg/Kg		10/08/25 10:38	10/08/25 13:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	119		62 - 134			10/08/25 10:38	10/08/25 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4600		50	mg/Kg		10/04/25 13:31	10/04/25 15:04	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-70 1.5'

Lab Sample ID: 885-34698-8

Date Collected: 10/01/25 08:13

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/03/25 10:00	10/05/25 07:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			10/03/25 10:00	10/05/25 07:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 07:09	1
Ethylbenzene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 07:09	1
Toluene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 07:09	1
Xylenes, Total	ND		0.096	mg/Kg		10/03/25 10:00	10/05/25 07:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			10/03/25 10:00	10/05/25 07:09	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		8.6	mg/Kg		10/06/25 11:03	10/07/25 00:08	1
Motor Oil Range Organics [C28-C40]	ND		43	mg/Kg		10/06/25 11:03	10/07/25 00:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			10/06/25 11:03	10/07/25 00:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		49	mg/Kg		10/04/25 13:31	10/04/25 15:14	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34698-1

Client Sample ID: BS25-71 1.5'

Lab Sample ID: 885-34698-9

Date Collected: 10/01/25 08:15

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/03/25 10:00	10/05/25 07:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			10/03/25 10:00	10/05/25 07:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 07:31	1
Ethylbenzene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 07:31	1
Toluene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 07:31	1
Xylenes, Total	ND		0.096	mg/Kg		10/03/25 10:00	10/05/25 07:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		15 - 150			10/03/25 10:00	10/05/25 07:31	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		9.6	mg/Kg		10/06/25 11:03	10/07/25 00:21	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/06/25 11:03	10/07/25 00:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			10/06/25 11:03	10/07/25 00:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		50	mg/Kg		10/04/25 13:31	10/04/25 15:45	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-72 1.5'

Lab Sample ID: 885-34698-10

Date Collected: 10/01/25 08:18

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/03/25 10:00	10/05/25 07:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			10/03/25 10:00	10/05/25 07:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 07:52	1
Ethylbenzene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 07:52	1
Toluene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 07:52	1
Xylenes, Total	ND		0.096	mg/Kg		10/03/25 10:00	10/05/25 07:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			10/03/25 10:00	10/05/25 07:52	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]	45		8.4	mg/Kg		10/06/25 11:03	10/07/25 00:33	1
Motor Oil Range Organics [C28-C40]	ND		42	mg/Kg		10/06/25 11:03	10/07/25 00:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			10/06/25 11:03	10/07/25 00:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		51	mg/Kg		10/04/25 13:31	10/04/25 15:55	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-73 1.5'

Lab Sample ID: 885-34698-11

Date Collected: 10/01/25 08:20

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/03/25 10:00	10/05/25 08:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			10/03/25 10:00	10/05/25 08:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/03/25 10:00	10/05/25 08:36	1
Ethylbenzene	ND		0.050	mg/Kg		10/03/25 10:00	10/05/25 08:36	1
Toluene	ND		0.050	mg/Kg		10/03/25 10:00	10/05/25 08:36	1
Xylenes, Total	ND		0.099	mg/Kg		10/03/25 10:00	10/05/25 08:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			10/03/25 10:00	10/05/25 08:36	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]	23		9.0	mg/Kg		10/06/25 11:03	10/07/25 00:46	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		10/06/25 11:03	10/07/25 00:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			10/06/25 11:03	10/07/25 00:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		50	mg/Kg		10/04/25 13:31	10/04/25 16:06	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34698-1

Client Sample ID: BS25-74 1.5'

Lab Sample ID: 885-34698-12

Date Collected: 10/01/25 08:22

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/03/25 10:00	10/05/25 08:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			10/03/25 10:00	10/05/25 08:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 08:58	1
Ethylbenzene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 08:58	1
Toluene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 08:58	1
Xylenes, Total	ND		0.097	mg/Kg		10/03/25 10:00	10/05/25 08:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			10/03/25 10:00	10/05/25 08:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	16		9.3	mg/Kg		10/06/25 11:03	10/07/25 00:58	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/06/25 11:03	10/07/25 00:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			10/06/25 11:03	10/07/25 00:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		51	mg/Kg		10/04/25 13:31	10/04/25 16:57	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-75 1.5'

Lab Sample ID: 885-34698-13

Date Collected: 10/01/25 08:25

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/03/25 10:00	10/05/25 09:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			10/03/25 10:00	10/05/25 09:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/03/25 10:00	10/05/25 09:19	1
Ethylbenzene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 09:19	1
Toluene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 09:19	1
Xylenes, Total	ND		0.098	mg/Kg		10/03/25 10:00	10/05/25 09:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			10/03/25 10:00	10/05/25 09:19	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]	10		8.9	mg/Kg		10/06/25 11:03	10/07/25 01:24	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		10/06/25 11:03	10/07/25 01:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	110		62 - 134			10/06/25 11:03	10/07/25 01:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	590		50	mg/Kg		10/04/25 13:31	10/04/25 17:08	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-76 1.5'

Lab Sample ID: 885-34698-14

Date Collected: 10/01/25 08:27

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/03/25 10:00	10/05/25 09:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			10/03/25 10:00	10/05/25 09:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 09:41	1
Ethylbenzene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 09:41	1
Toluene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 09:41	1
Xylenes, Total	ND		0.096	mg/Kg		10/03/25 10:00	10/05/25 09:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			10/03/25 10:00	10/05/25 09:41	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]	8.8		8.7	mg/Kg		10/06/25 11:03	10/07/25 01:36	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		10/06/25 11:03	10/07/25 01:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	110		62 - 134			10/06/25 11:03	10/07/25 01:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		50	mg/Kg		10/04/25 13:31	10/04/25 17:18	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-77 1.5'

Lab Sample ID: 885-34698-15

Date Collected: 10/01/25 08:30

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/03/25 10:00	10/05/25 10:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			10/03/25 10:00	10/05/25 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 10:03	1
Ethylbenzene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 10:03	1
Toluene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 10:03	1
Xylenes, Total	ND		0.096	mg/Kg		10/03/25 10:00	10/05/25 10:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			10/03/25 10:00	10/05/25 10:03	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		9.0	mg/Kg		10/06/25 11:28	10/07/25 13:18	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		10/06/25 11:28	10/07/25 13:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			10/06/25 11:28	10/07/25 13:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		49	mg/Kg		10/04/25 13:31	10/04/25 17:28	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-78 1.5'

Lab Sample ID: 885-34698-16

Date Collected: 10/01/25 08:50

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/03/25 10:00	10/05/25 10:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			10/03/25 10:00	10/05/25 10:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 10:25	1
Ethylbenzene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 10:25	1
Toluene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 10:25	1
Xylenes, Total	ND		0.095	mg/Kg		10/03/25 10:00	10/05/25 10:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			10/03/25 10:00	10/05/25 10:25	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]	200		8.6	mg/Kg		10/06/25 11:28	10/07/25 13:30	1
Motor Oil Range Organics [C28-C40]	130		43	mg/Kg		10/06/25 11:28	10/07/25 13:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			10/06/25 11:28	10/07/25 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		49	mg/Kg		10/04/25 13:31	10/04/25 17:39	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-79 1.5'

Lab Sample ID: 885-34698-17

Date Collected: 10/01/25 08:53

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/03/25 10:00	10/05/25 10:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			10/03/25 10:00	10/05/25 10:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/03/25 10:00	10/05/25 10:47	1
Ethylbenzene	ND		0.050	mg/Kg		10/03/25 10:00	10/05/25 10:47	1
Toluene	ND		0.050	mg/Kg		10/03/25 10:00	10/05/25 10:47	1
Xylenes, Total	ND		0.099	mg/Kg		10/03/25 10:00	10/05/25 10:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			10/03/25 10:00	10/05/25 10:47	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]	38		9.8	mg/Kg		10/06/25 11:28	10/07/25 13:41	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/06/25 11:28	10/07/25 13:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			10/06/25 11:28	10/07/25 13:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		51	mg/Kg		10/04/25 13:31	10/04/25 17:49	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34698-1

Client Sample ID: BS25-80 1.5'

Lab Sample ID: 885-34698-18

Date Collected: 10/01/25 09:00

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/03/25 10:00	10/05/25 11:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			10/03/25 10:00	10/05/25 11:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 11:09	1
Ethylbenzene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 11:09	1
Toluene	ND		0.049	mg/Kg		10/03/25 10:00	10/05/25 11:09	1
Xylenes, Total	ND		0.097	mg/Kg		10/03/25 10:00	10/05/25 11:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			10/03/25 10:00	10/05/25 11:09	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		10/06/25 11:28	10/07/25 13:52	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		10/06/25 11:28	10/07/25 13:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			10/06/25 11:28	10/07/25 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		49	mg/Kg		10/04/25 13:31	10/04/25 17:59	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-81 1.5'

Lab Sample ID: 885-34698-19

Date Collected: 10/01/25 09:03

Matrix: Solid

Date Received: 10/03/25 08:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/03/25 10:00	10/05/25 11:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			10/03/25 10:00	10/05/25 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/03/25 10:00	10/05/25 11:30	1
Ethylbenzene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 11:30	1
Toluene	ND		0.048	mg/Kg		10/03/25 10:00	10/05/25 11:30	1
Xylenes, Total	ND		0.096	mg/Kg		10/03/25 10:00	10/05/25 11:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			10/03/25 10:00	10/05/25 11:30	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]	26		9.1	mg/Kg		10/06/25 11:28	10/07/25 14:04	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		10/06/25 11:28	10/07/25 14:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			10/06/25 11:28	10/07/25 14:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		50	mg/Kg		10/04/25 13:31	10/04/25 18:10	10

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35992/1-A

Matrix: Solid

Analysis Batch: 36102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35992

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/03/25 09:52	10/05/25 02:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			10/03/25 09:52	10/05/25 02:46	1

Lab Sample ID: LCS 885-35992/2-A

Matrix: Solid

Analysis Batch: 36102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	22.8		mg/Kg		91	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	201		15 - 150				

Lab Sample ID: 885-34698-2 MS

Matrix: Solid

Analysis Batch: 36102

Client Sample ID: BS25-64 0.5'

Prep Type: Total/NA

Prep Batch: 35992

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.3	24.2		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	210		15 - 150						

Lab Sample ID: 885-34698-2 MSD

Matrix: Solid

Analysis Batch: 36102

Client Sample ID: BS25-64 0.5'

Prep Type: Total/NA

Prep Batch: 35992

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.4	25.2		mg/Kg		103	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	214		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-35992/1-A

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35992

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/03/25 09:52	10/05/25 02:46	1
Ethylbenzene	ND		0.050	mg/Kg		10/03/25 09:52	10/05/25 02:46	1
Toluene	ND		0.050	mg/Kg		10/03/25 09:52	10/05/25 02:46	1

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QC Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-35992/1-A

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35992

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		10/03/25 09:52	10/05/25 02:46	1
Xylenes, Total	ND		0.10	mg/Kg		10/03/25 09:52	10/05/25 02:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			10/03/25 09:52	10/05/25 02:46	1

Lab Sample ID: LCS 885-35992/3-A

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.922		mg/Kg		92	70 - 130
Ethylbenzene	1.00	0.921		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	2.00	1.79		mg/Kg		90	70 - 130
o-Xylene	1.00	0.912		mg/Kg		91	70 - 130
Toluene	1.00	0.900		mg/Kg		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	94		15 - 150				

Lab Sample ID: 885-34698-1 MS

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: BS25-63 0.5'

Prep Type: Total/NA

Prep Batch: 35992

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.974	0.948		mg/Kg		97	70 - 130
Ethylbenzene	ND		0.974	0.964		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	ND		1.95	1.91		mg/Kg		98	70 - 130
o-Xylene	ND		0.974	0.946		mg/Kg		97	70 - 130
Toluene	ND		0.974	0.950		mg/Kg		98	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		15 - 150						

Lab Sample ID: 885-34698-1 MSD

Matrix: Solid

Analysis Batch: 36101

Client Sample ID: BS25-63 0.5'

Prep Type: Total/NA

Prep Batch: 35992

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.972	1.06		mg/Kg		109	70 - 130	11	20
Ethylbenzene	ND		0.972	1.07		mg/Kg		110	70 - 130	11	20
m-Xylene & p-Xylene	ND		1.94	2.14		mg/Kg		110	70 - 130	12	20
o-Xylene	ND		0.972	1.07		mg/Kg		110	70 - 130	12	20
Toluene	ND		0.972	1.05		mg/Kg		108	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	90		15 - 150								

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QC Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-36161/1-A

Matrix: Solid

Analysis Batch: 36139

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36161

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/06/25 11:02	10/06/25 20:45	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/06/25 11:02	10/06/25 20:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			10/06/25 11:02	10/06/25 20:45	1

Lab Sample ID: LCS 885-36161/2-A

Matrix: Solid

Analysis Batch: 36139

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36161

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	44.9		mg/Kg		90	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	85		62 - 134				

Lab Sample ID: 885-34698-14 MS

Matrix: Solid

Analysis Batch: 36139

Client Sample ID: BS25-76 1.5'

Prep Type: Total/NA

Prep Batch: 36161

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	8.8		42.8	42.5		mg/Kg		79	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	104		62 - 134						

Lab Sample ID: 885-34698-14 MSD

Matrix: Solid

Analysis Batch: 36139

Client Sample ID: BS25-76 1.5'

Prep Type: Total/NA

Prep Batch: 36161

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	8.8		46.4	45.3		mg/Kg		79	44 - 136	6	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	104		62 - 134								

Lab Sample ID: MB 885-36164/1-A

Matrix: Solid

Analysis Batch: 36238

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36164

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/06/25 11:28	10/07/25 12:44	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/06/25 11:28	10/07/25 12:44	1

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QC Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: MB 885-36164/1-A

Matrix: Solid

Analysis Batch: 36238

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36164

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134	10/06/25 11:28	10/07/25 12:44	1

Lab Sample ID: LCS 885-36164/2-A

Matrix: Solid

Analysis Batch: 36238

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	39.9		mg/Kg		80	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	89		62 - 134				

Lab Sample ID: MB 885-36314/1-A

Matrix: Solid

Analysis Batch: 36296

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36314

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/08/25 10:38	10/08/25 11:57	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/08/25 10:38	10/08/25 11:57	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	%Recovery	Qualifier						
	107		62 - 134			10/08/25 10:38	10/08/25 11:57	1

Lab Sample ID: LCS 885-36314/2-A

Matrix: Solid

Analysis Batch: 36296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36314

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	52.8		mg/Kg		106	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	95		62 - 134				

Lab Sample ID: 885-34698-1 MS

Matrix: Solid

Analysis Batch: 36296

Client Sample ID: BS25-63 0.5'

Prep Type: Total/NA

Prep Batch: 36314

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	170	F1	48.6	280	F1	mg/Kg		223	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	93		62 - 134						

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

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

Lab Sample ID: 885-34698-1 MSD

Matrix: Solid

Analysis Batch: 36296

Client Sample ID: BS25-63 0.5'

Prep Type: Total/NA

Prep Batch: 36314

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	170	F1	48.1	202		mg/Kg		64	44 - 136	32	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	98		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-36098/1-A

Matrix: Solid

Analysis Batch: 36104

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36098

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		4.9	mg/Kg		10/04/25 12:39	10/04/25 14:00	1

Lab Sample ID: LCS 885-36098/2-A

Matrix: Solid

Analysis Batch: 36104

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36098

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	48.1		mg/Kg		96	90 - 110

Lab Sample ID: MB 885-36103/1-A

Matrix: Solid

Analysis Batch: 36106

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36103

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1	mg/Kg		10/04/25 13:31	10/04/25 14:18	1

Lab Sample ID: LCS 885-36103/2-A

Matrix: Solid

Analysis Batch: 36106

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	48.2		mg/Kg		96	90 - 110

Lab Sample ID: 885-34698-11 MS

Matrix: Solid

Analysis Batch: 36106

Client Sample ID: BS25-73 1.5'

Prep Type: Total/NA

Prep Batch: 36103

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	460		49.2	502	4	mg/Kg		85	50 - 150

Lab Sample ID: 885-34698-11 MSD

Matrix: Solid

Analysis Batch: 36106

Client Sample ID: BS25-73 1.5'

Prep Type: Total/NA

Prep Batch: 36103

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	460		50.2	519	4	mg/Kg		117	50 - 150	3	20

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

GC VOA

Prep Batch: 35992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-1	BS25-63 0.5'	Total/NA	Solid	5030C	
885-34698-2	BS25-64 0.5'	Total/NA	Solid	5030C	
885-34698-3	BS25-65 0.5'	Total/NA	Solid	5030C	
885-34698-4	BS25-66 1.5'	Total/NA	Solid	5030C	
885-34698-5	BS25-67 1.5'	Total/NA	Solid	5030C	
885-34698-6	BS25-68 1.5'	Total/NA	Solid	5030C	
885-34698-7	BS25-69 1.5'	Total/NA	Solid	5030C	
885-34698-8	BS25-70 1.5'	Total/NA	Solid	5030C	
885-34698-9	BS25-71 1.5'	Total/NA	Solid	5030C	
885-34698-10	BS25-72 1.5'	Total/NA	Solid	5030C	
885-34698-11	BS25-73 1.5'	Total/NA	Solid	5030C	
885-34698-12	BS25-74 1.5'	Total/NA	Solid	5030C	
885-34698-13	BS25-75 1.5'	Total/NA	Solid	5030C	
885-34698-14	BS25-76 1.5'	Total/NA	Solid	5030C	
885-34698-15	BS25-77 1.5'	Total/NA	Solid	5030C	
885-34698-16	BS25-78 1.5'	Total/NA	Solid	5030C	
885-34698-17	BS25-79 1.5'	Total/NA	Solid	5030C	
885-34698-18	BS25-80 1.5'	Total/NA	Solid	5030C	
885-34698-19	BS25-81 1.5'	Total/NA	Solid	5030C	
MB 885-35992/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-35992/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-35992/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-34698-1 MS	BS25-63 0.5'	Total/NA	Solid	5030C	
885-34698-1 MSD	BS25-63 0.5'	Total/NA	Solid	5030C	
885-34698-2 MS	BS25-64 0.5'	Total/NA	Solid	5030C	
885-34698-2 MSD	BS25-64 0.5'	Total/NA	Solid	5030C	

Analysis Batch: 36101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-1	BS25-63 0.5'	Total/NA	Solid	8021B	35992
885-34698-2	BS25-64 0.5'	Total/NA	Solid	8021B	35992
885-34698-3	BS25-65 0.5'	Total/NA	Solid	8021B	35992
885-34698-4	BS25-66 1.5'	Total/NA	Solid	8021B	35992
885-34698-5	BS25-67 1.5'	Total/NA	Solid	8021B	35992
885-34698-6	BS25-68 1.5'	Total/NA	Solid	8021B	35992
885-34698-7	BS25-69 1.5'	Total/NA	Solid	8021B	35992
885-34698-8	BS25-70 1.5'	Total/NA	Solid	8021B	35992
885-34698-9	BS25-71 1.5'	Total/NA	Solid	8021B	35992
885-34698-10	BS25-72 1.5'	Total/NA	Solid	8021B	35992
885-34698-11	BS25-73 1.5'	Total/NA	Solid	8021B	35992
885-34698-12	BS25-74 1.5'	Total/NA	Solid	8021B	35992
885-34698-13	BS25-75 1.5'	Total/NA	Solid	8021B	35992
885-34698-14	BS25-76 1.5'	Total/NA	Solid	8021B	35992
885-34698-15	BS25-77 1.5'	Total/NA	Solid	8021B	35992
885-34698-16	BS25-78 1.5'	Total/NA	Solid	8021B	35992
885-34698-17	BS25-79 1.5'	Total/NA	Solid	8021B	35992
885-34698-18	BS25-80 1.5'	Total/NA	Solid	8021B	35992
885-34698-19	BS25-81 1.5'	Total/NA	Solid	8021B	35992
MB 885-35992/1-A	Method Blank	Total/NA	Solid	8021B	35992
LCS 885-35992/3-A	Lab Control Sample	Total/NA	Solid	8021B	35992
885-34698-1 MS	BS25-63 0.5'	Total/NA	Solid	8021B	35992

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

GC VOA (Continued)

Analysis Batch: 36101 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-1 MSD	BS25-63 0.5'	Total/NA	Solid	8021B	35992

Analysis Batch: 36102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-1	BS25-63 0.5'	Total/NA	Solid	8015M/D	35992
885-34698-2	BS25-64 0.5'	Total/NA	Solid	8015M/D	35992
885-34698-3	BS25-65 0.5'	Total/NA	Solid	8015M/D	35992
885-34698-4	BS25-66 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-5	BS25-67 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-6	BS25-68 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-7	BS25-69 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-8	BS25-70 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-9	BS25-71 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-10	BS25-72 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-11	BS25-73 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-12	BS25-74 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-13	BS25-75 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-14	BS25-76 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-15	BS25-77 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-16	BS25-78 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-17	BS25-79 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-18	BS25-80 1.5'	Total/NA	Solid	8015M/D	35992
885-34698-19	BS25-81 1.5'	Total/NA	Solid	8015M/D	35992
MB 885-35992/1-A	Method Blank	Total/NA	Solid	8015M/D	35992
LCS 885-35992/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	35992
885-34698-2 MS	BS25-64 0.5'	Total/NA	Solid	8015M/D	35992
885-34698-2 MSD	BS25-64 0.5'	Total/NA	Solid	8015M/D	35992

GC Semi VOA

Analysis Batch: 36139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-3	BS25-65 0.5'	Total/NA	Solid	8015M/D	36161
885-34698-4	BS25-66 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-5	BS25-67 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-8	BS25-70 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-9	BS25-71 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-10	BS25-72 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-11	BS25-73 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-12	BS25-74 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-13	BS25-75 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-14	BS25-76 1.5'	Total/NA	Solid	8015M/D	36161
MB 885-36161/1-A	Method Blank	Total/NA	Solid	8015M/D	36161
LCS 885-36161/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	36161
885-34698-14 MS	BS25-76 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-14 MSD	BS25-76 1.5'	Total/NA	Solid	8015M/D	36161

Prep Batch: 36161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-3	BS25-65 0.5'	Total/NA	Solid	SHAKE	
885-34698-4	BS25-66 1.5'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

GC Semi VOA (Continued)

Prep Batch: 36161 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-5	BS25-67 1.5'	Total/NA	Solid	SHAKE	
885-34698-6	BS25-68 1.5'	Total/NA	Solid	SHAKE	
885-34698-8	BS25-70 1.5'	Total/NA	Solid	SHAKE	
885-34698-9	BS25-71 1.5'	Total/NA	Solid	SHAKE	
885-34698-10	BS25-72 1.5'	Total/NA	Solid	SHAKE	
885-34698-11	BS25-73 1.5'	Total/NA	Solid	SHAKE	
885-34698-12	BS25-74 1.5'	Total/NA	Solid	SHAKE	
885-34698-13	BS25-75 1.5'	Total/NA	Solid	SHAKE	
885-34698-14	BS25-76 1.5'	Total/NA	Solid	SHAKE	
MB 885-36161/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-36161/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-34698-14 MS	BS25-76 1.5'	Total/NA	Solid	SHAKE	
885-34698-14 MSD	BS25-76 1.5'	Total/NA	Solid	SHAKE	

Prep Batch: 36164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-15	BS25-77 1.5'	Total/NA	Solid	SHAKE	
885-34698-16	BS25-78 1.5'	Total/NA	Solid	SHAKE	
885-34698-17	BS25-79 1.5'	Total/NA	Solid	SHAKE	
885-34698-18	BS25-80 1.5'	Total/NA	Solid	SHAKE	
885-34698-19	BS25-81 1.5'	Total/NA	Solid	SHAKE	
MB 885-36164/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-36164/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 36232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-5	BS25-67 1.5'	Total/NA	Solid	8015M/D	36161
885-34698-6	BS25-68 1.5'	Total/NA	Solid	8015M/D	36161

Analysis Batch: 36238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-15	BS25-77 1.5'	Total/NA	Solid	8015M/D	36164
885-34698-16	BS25-78 1.5'	Total/NA	Solid	8015M/D	36164
885-34698-17	BS25-79 1.5'	Total/NA	Solid	8015M/D	36164
885-34698-18	BS25-80 1.5'	Total/NA	Solid	8015M/D	36164
885-34698-19	BS25-81 1.5'	Total/NA	Solid	8015M/D	36164
MB 885-36164/1-A	Method Blank	Total/NA	Solid	8015M/D	36164
LCS 885-36164/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	36164

Analysis Batch: 36296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-1	BS25-63 0.5'	Total/NA	Solid	8015M/D	36314
885-34698-2	BS25-64 0.5'	Total/NA	Solid	8015M/D	36314
885-34698-7	BS25-69 1.5'	Total/NA	Solid	8015M/D	36314
MB 885-36314/1-A	Method Blank	Total/NA	Solid	8015M/D	36314
LCS 885-36314/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	36314
885-34698-1 MS	BS25-63 0.5'	Total/NA	Solid	8015M/D	36314
885-34698-1 MSD	BS25-63 0.5'	Total/NA	Solid	8015M/D	36314

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

GC Semi VOA

Prep Batch: 36314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-1	BS25-63 0.5'	Total/NA	Solid	SHAKE	
885-34698-2	BS25-64 0.5'	Total/NA	Solid	SHAKE	
885-34698-7	BS25-69 1.5'	Total/NA	Solid	SHAKE	
MB 885-36314/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-36314/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-34698-1 MS	BS25-63 0.5'	Total/NA	Solid	SHAKE	
885-34698-1 MSD	BS25-63 0.5'	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 36098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-1	BS25-63 0.5'	Total/NA	Solid	300_Prep	
885-34698-2	BS25-64 0.5'	Total/NA	Solid	300_Prep	
885-34698-3	BS25-65 0.5'	Total/NA	Solid	300_Prep	
885-34698-4	BS25-66 1.5'	Total/NA	Solid	300_Prep	
885-34698-5	BS25-67 1.5'	Total/NA	Solid	300_Prep	
885-34698-6	BS25-68 1.5'	Total/NA	Solid	300_Prep	
MB 885-36098/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-36098/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 36103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-7	BS25-69 1.5'	Total/NA	Solid	300_Prep	
885-34698-8	BS25-70 1.5'	Total/NA	Solid	300_Prep	
885-34698-9	BS25-71 1.5'	Total/NA	Solid	300_Prep	
885-34698-10	BS25-72 1.5'	Total/NA	Solid	300_Prep	
885-34698-11	BS25-73 1.5'	Total/NA	Solid	300_Prep	
885-34698-12	BS25-74 1.5'	Total/NA	Solid	300_Prep	
885-34698-13	BS25-75 1.5'	Total/NA	Solid	300_Prep	
885-34698-14	BS25-76 1.5'	Total/NA	Solid	300_Prep	
885-34698-15	BS25-77 1.5'	Total/NA	Solid	300_Prep	
885-34698-16	BS25-78 1.5'	Total/NA	Solid	300_Prep	
885-34698-17	BS25-79 1.5'	Total/NA	Solid	300_Prep	
885-34698-18	BS25-80 1.5'	Total/NA	Solid	300_Prep	
885-34698-19	BS25-81 1.5'	Total/NA	Solid	300_Prep	
MB 885-36103/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-36103/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-34698-11 MS	BS25-73 1.5'	Total/NA	Solid	300_Prep	
885-34698-11 MSD	BS25-73 1.5'	Total/NA	Solid	300_Prep	

Analysis Batch: 36104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-1	BS25-63 0.5'	Total/NA	Solid	300.0	36098
885-34698-2	BS25-64 0.5'	Total/NA	Solid	300.0	36098
885-34698-3	BS25-65 0.5'	Total/NA	Solid	300.0	36098
885-34698-4	BS25-66 1.5'	Total/NA	Solid	300.0	36098
885-34698-5	BS25-67 1.5'	Total/NA	Solid	300.0	36098
885-34698-6	BS25-68 1.5'	Total/NA	Solid	300.0	36098
MB 885-36098/1-A	Method Blank	Total/NA	Solid	300.0	36098
LCS 885-36098/2-A	Lab Control Sample	Total/NA	Solid	300.0	36098

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

HPLC/IC

Analysis Batch: 36106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34698-7	BS25-69 1.5'	Total/NA	Solid	300.0	36103
885-34698-8	BS25-70 1.5'	Total/NA	Solid	300.0	36103
885-34698-9	BS25-71 1.5'	Total/NA	Solid	300.0	36103
885-34698-10	BS25-72 1.5'	Total/NA	Solid	300.0	36103
885-34698-11	BS25-73 1.5'	Total/NA	Solid	300.0	36103
885-34698-12	BS25-74 1.5'	Total/NA	Solid	300.0	36103
885-34698-13	BS25-75 1.5'	Total/NA	Solid	300.0	36103
885-34698-14	BS25-76 1.5'	Total/NA	Solid	300.0	36103
885-34698-15	BS25-77 1.5'	Total/NA	Solid	300.0	36103
885-34698-16	BS25-78 1.5'	Total/NA	Solid	300.0	36103
885-34698-17	BS25-79 1.5'	Total/NA	Solid	300.0	36103
885-34698-18	BS25-80 1.5'	Total/NA	Solid	300.0	36103
885-34698-19	BS25-81 1.5'	Total/NA	Solid	300.0	36103
MB 885-36103/1-A	Method Blank	Total/NA	Solid	300.0	36103
LCS 885-36103/2-A	Lab Control Sample	Total/NA	Solid	300.0	36103
885-34698-11 MS	BS25-73 1.5'	Total/NA	Solid	300.0	36103
885-34698-11 MSD	BS25-73 1.5'	Total/NA	Solid	300.0	36103

Lab Chronicle

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-63 0.5'

Lab Sample ID: 885-34698-1

Date Collected: 10/01/25 08:53

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 03:08
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 03:08
Total/NA	Prep	SHAKE			36314	BZR	EET ALB	10/08/25 10:38
Total/NA	Analysis	8015M/D		1	36296	EM	EET ALB	10/08/25 12:22
Total/NA	Prep	300_Prep			36098	JT	EET ALB	10/04/25 12:39
Total/NA	Analysis	300.0		10	36104	JT	EET ALB	10/04/25 19:56

Client Sample ID: BS25-64 0.5'

Lab Sample ID: 885-34698-2

Date Collected: 10/01/25 09:01

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 04:14
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 04:14
Total/NA	Prep	SHAKE			36314	BZR	EET ALB	10/08/25 10:38
Total/NA	Analysis	8015M/D		1	36296	EM	EET ALB	10/08/25 13:00
Total/NA	Prep	300_Prep			36098	JT	EET ALB	10/04/25 12:39
Total/NA	Analysis	300.0		10	36104	JT	EET ALB	10/04/25 20:10

Client Sample ID: BS25-65 0.5'

Lab Sample ID: 885-34698-3

Date Collected: 10/01/25 09:06

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 05:20
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 05:20
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 23:05
Total/NA	Prep	300_Prep			36098	JT	EET ALB	10/04/25 12:39
Total/NA	Analysis	300.0		10	36104	JT	EET ALB	10/04/25 20:24

Client Sample ID: BS25-66 1.5'

Lab Sample ID: 885-34698-4

Date Collected: 10/01/25 08:00

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 05:41

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-66 1.5'

Lab Sample ID: 885-34698-4

Date Collected: 10/01/25 08:00

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 05:41
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 23:17
Total/NA	Prep	300_Prep			36098	JT	EET ALB	10/04/25 12:39
Total/NA	Analysis	300.0		10	36104	JT	EET ALB	10/04/25 20:38

Client Sample ID: BS25-67 1.5'

Lab Sample ID: 885-34698-5

Date Collected: 10/01/25 08:03

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 06:03
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 06:03
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/06/25 23:30
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36232	DH	EET ALB	10/07/25 17:01
Total/NA	Prep	300_Prep			36098	JT	EET ALB	10/04/25 12:39
Total/NA	Analysis	300.0		10	36104	JT	EET ALB	10/04/25 20:52

Client Sample ID: BS25-68 1.5'

Lab Sample ID: 885-34698-6

Date Collected: 10/01/25 08:06

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 06:25
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 06:25
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36232	DH	EET ALB	10/08/25 00:09
Total/NA	Prep	300_Prep			36098	JT	EET ALB	10/04/25 12:39
Total/NA	Analysis	300.0		10	36104	JT	EET ALB	10/04/25 21:06

Client Sample ID: BS25-69 1.5'

Lab Sample ID: 885-34698-7

Date Collected: 10/01/25 08:10

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 06:47

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-69 1.5'

Lab Sample ID: 885-34698-7

Date Collected: 10/01/25 08:10

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 06:47
Total/NA	Prep	SHAKE			36314	BZR	EET ALB	10/08/25 10:38
Total/NA	Analysis	8015M/D		1	36296	EM	EET ALB	10/08/25 13:12
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 15:04

Client Sample ID: BS25-70 1.5'

Lab Sample ID: 885-34698-8

Date Collected: 10/01/25 08:13

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 07:09
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 07:09
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/07/25 00:08
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 15:14

Client Sample ID: BS25-71 1.5'

Lab Sample ID: 885-34698-9

Date Collected: 10/01/25 08:15

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 07:31
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 07:31
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/07/25 00:21
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 15:45

Client Sample ID: BS25-72 1.5'

Lab Sample ID: 885-34698-10

Date Collected: 10/01/25 08:18

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 07:52
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 07:52

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34698-1

Client Sample ID: BS25-72 1.5'
Date Collected: 10/01/25 08:18
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34698-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/07/25 00:33
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 15:55

Client Sample ID: BS25-73 1.5'
Date Collected: 10/01/25 08:20
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34698-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 08:36
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 08:36
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/07/25 00:46
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 16:06

Client Sample ID: BS25-74 1.5'
Date Collected: 10/01/25 08:22
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34698-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 08:58
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 08:58
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/07/25 00:58
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 16:57

Client Sample ID: BS25-75 1.5'
Date Collected: 10/01/25 08:25
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34698-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 09:19
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 09:19
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/07/25 01:24

Lab Chronicle

Client: Vertex

Job ID: 885-34698-1

Project/Site: Snapping 10 Federal #003H

Client Sample ID: BS25-75 1.5'

Lab Sample ID: 885-34698-13

Date Collected: 10/01/25 08:25

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 17:08

Client Sample ID: BS25-76 1.5'

Lab Sample ID: 885-34698-14

Date Collected: 10/01/25 08:27

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 09:41
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 09:41
Total/NA	Prep	SHAKE			36161	DH	EET ALB	10/06/25 11:03
Total/NA	Analysis	8015M/D		1	36139	BZR	EET ALB	10/07/25 01:36
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 17:18

Client Sample ID: BS25-77 1.5'

Lab Sample ID: 885-34698-15

Date Collected: 10/01/25 08:30

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 10:03
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 10:03
Total/NA	Prep	SHAKE			36164	DH	EET ALB	10/06/25 11:28
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 13:18
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 17:28

Client Sample ID: BS25-78 1.5'

Lab Sample ID: 885-34698-16

Date Collected: 10/01/25 08:50

Matrix: Solid

Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 10:25
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 10:25
Total/NA	Prep	SHAKE			36164	DH	EET ALB	10/06/25 11:28
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 13:30
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 17:39

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34698-1

Client Sample ID: BS25-79 1.5'
Date Collected: 10/01/25 08:53
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34698-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 10:47
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 10:47
Total/NA	Prep	SHAKE			36164	DH	EET ALB	10/06/25 11:28
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 13:41
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 17:49

Client Sample ID: BS25-80 1.5'
Date Collected: 10/01/25 09:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34698-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 11:09
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 11:09
Total/NA	Prep	SHAKE			36164	DH	EET ALB	10/06/25 11:28
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 13:52
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 17:59

Client Sample ID: BS25-81 1.5'
Date Collected: 10/01/25 09:03
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34698-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8015M/D		1	36102	AT	EET ALB	10/05/25 11:30
Total/NA	Prep	5030C			35992	CM	EET ALB	10/03/25 10:00
Total/NA	Analysis	8021B		1	36101	AT	EET ALB	10/05/25 11:30
Total/NA	Prep	SHAKE			36164	DH	EET ALB	10/06/25 11:28
Total/NA	Analysis	8015M/D		1	36238	BZR	EET ALB	10/07/25 14:04
Total/NA	Prep	300_Prep			36103	JT	EET ALB	10/04/25 13:31
Total/NA	Analysis	300.0		10	36106	JT	EET ALB	10/04/25 18:10

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 10 Federal #003H

Job ID: 885-34698-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, work order 21421108)

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-48 hour

Project Name:

Snapping 10 Federal #003H

Project #:

24E-04518

Project Manager:

Kent Stallings

kstallings@vertexresource.com

Sampler: L. Pullman

On Ice: ☒ Yes ☐ No

of Coolers: **2**

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
10.01.25	8:53	Soil	BS25-63 0.5'	1, 4oz jar		-1
10.01.25	9:01	Soil	BS25-64 0.5'	1, 4oz jar		-2
10.01.25	9:06	Soil	BS25-65 0.5'	1, 4oz jar		-3
10.01.25	8:00	Soil	BS25-66 1.5'	1, 4oz jar		-4
10.01.25	8:03	Soil	BS25-67 1.5'	1, 4oz jar		-5
10.01.25	8:06	Soil	BS25-68 1.5'	1, 4oz jar		-6
10.01.25	8:10	Soil	BS25-69 1.5'	1, 4oz jar		-7
10.01.25	8:13	Soil	BS25-70 1.5'	1, 4oz jar		-8
10.01.25	8:15	Soil	BS25-71 1.5'	1, 4oz jar		-9
10.01.25	8:18	Soil	BS25-72 1.5'	1, 4oz jar		-10
10.01.25	8:20	Soil	BS25-73 1.5'	1, 4oz jar		-11
10.01.25	8:22	Soil	BS25-74 1.5'	1, 4oz jar		-12

Date: 10-2-25 Time: 0700 Relinquished by: *Robert Pullman*

Date: 10/2/25 Time: 1900 Received by: *Commings*

Date: 10/8/2025 Time: 1900 Relinquished by: *Commings*

Date: 10/3/25 Time: 8:05 Received by: *courier*



**HALL ENVIRON
ANALYSIS LAB**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8

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



885-34698 COC

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	Cl F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)										
X	X					X													
X	X					X													
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Remarks: ATTN Jim Raley

Direct bill to Devon work order 21421108 Jim Raley

cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, SMcCarty@vertexresource.com, and LPullman@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: 885-34698-1

Login Number: 34698

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/2/2025 2:37:14 PM

JOB DESCRIPTION

Snapping 16 FED 3H

JOB NUMBER

885-36389-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 11/2/2025 6:57:22 AM



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



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

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11/2/2025 2:37:14 PM

Client: Vertex
Project/Site: Snapping 16 FED 3H

Laboratory Job ID: 885-36389-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-36389-1

Project/Site: Snapping 16 FED 3H

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: Snapping 16 FED 3H

Job ID: 885-36389-1

Job ID: 885-36389-1

Eurofins Albuquerque

Job Narrative 885-36389-1

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 sample was received on 10/29/2025 7:55 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

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: Snapping 16 FED 3H

Job ID: 885-36389-1

Client Sample ID: BS25-055 0.5'

Lab Sample ID: 885-36389-1

Date Collected: 10/27/25 12:00

Matrix: Solid

Date Received: 10/29/25 07:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/30/25 08:12	10/30/25 18:50	1
Toluene	ND		0.0020	mg/Kg		10/30/25 08:12	10/30/25 18:50	1
Ethylbenzene	ND		0.0020	mg/Kg		10/30/25 08:12	10/30/25 18:50	1
Xylenes, Total	ND		0.0040	mg/Kg		10/30/25 08:12	10/30/25 18:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			10/30/25 08:12	10/30/25 18:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/30/25 08:12	10/30/25 18:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		10/30/25 21:31	10/31/25 17:15	1
Diesel Range Organics (Over C10-C28)	240		50	mg/Kg		10/30/25 21:31	10/31/25 17:15	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/30/25 21:31	10/31/25 17:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			10/30/25 21:31	10/31/25 17:15	1
o-Terphenyl	118		70 - 130			10/30/25 21:31	10/31/25 17:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14000		200	mg/Kg			10/31/25 11:42	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Snapping 16 FED 3H

Job ID: 885-36389-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-122394/5-A

Matrix: Solid

Analysis Batch: 122400

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 122394

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/30/25 08:12	10/30/25 11:28	1
Toluene	ND		0.0020	mg/Kg		10/30/25 08:12	10/30/25 11:28	1
Ethylbenzene	ND		0.0020	mg/Kg		10/30/25 08:12	10/30/25 11:28	1
Xylenes, Total	ND		0.0040	mg/Kg		10/30/25 08:12	10/30/25 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/30/25 08:12	10/30/25 11:28	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/30/25 08:12	10/30/25 11:28	1

Lab Sample ID: LCS 880-122394/1-A

Matrix: Solid

Analysis Batch: 122400

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 122394

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.103		mg/Kg		103	70 - 130
Toluene	0.100	0.0947		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.100		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.204		mg/Kg		102	70 - 130
o-Xylene	0.100	0.0996		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-122394/2-A

Matrix: Solid

Analysis Batch: 122400

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 122394

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.101		mg/Kg		101	70 - 130	1	35
Toluene	0.100	0.0946		mg/Kg		95	70 - 130	0	35
Ethylbenzene	0.100	0.0994		mg/Kg		99	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.203		mg/Kg		101	70 - 130	1	35
o-Xylene	0.100	0.0988		mg/Kg		99	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-122505/1-A

Matrix: Solid

Analysis Batch: 122552

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 122505

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		10/30/25 21:31	10/31/25 08:09	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Snapping 16 FED 3H

Job ID: 885-36389-1

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

Lab Sample ID: MB 880-122505/1-A

Matrix: Solid

Analysis Batch: 122552

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 122505

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		10/30/25 21:31	10/31/25 08:09	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/30/25 21:31	10/31/25 08:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130			10/30/25 21:31	10/31/25 08:09	1
o-Terphenyl	88		70 - 130			10/30/25 21:31	10/31/25 08:09	1

Lab Sample ID: LCS 880-122505/2-A

Matrix: Solid

Analysis Batch: 122552

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 122505

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1110		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	876		mg/Kg		88	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	103		70 - 130				
o-Terphenyl	120		70 - 130				

Lab Sample ID: LCSD 880-122505/3-A

Matrix: Solid

Analysis Batch: 122552

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 122505

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1160		mg/Kg		116	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	906		mg/Kg		91	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	107		70 - 130						
o-Terphenyl	128		70 - 130						

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-122510/1-A

Matrix: Solid

Analysis Batch: 122529

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10	mg/Kg			10/31/25 08:52	1

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Snapping 16 FED 3H

Job ID: 885-36389-1

GC VOA

Prep Batch: 122394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36389-1	BS25-055 0.5'	Total/NA	Solid	5030B	
MB 880-122394/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-122394/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-122394/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

Analysis Batch: 122400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36389-1	BS25-055 0.5'	Total/NA	Solid	8021B	122394
MB 880-122394/5-A	Method Blank	Total/NA	Solid	8021B	122394
LCS 880-122394/1-A	Lab Control Sample	Total/NA	Solid	8021B	122394
LCSD 880-122394/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	122394

GC Semi VOA

Prep Batch: 122505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36389-1	BS25-055 0.5'	Total/NA	Solid	8015NM Prep	
MB 880-122505/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-122505/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-122505/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 122552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36389-1	BS25-055 0.5'	Total/NA	Solid	8015B NM	122505
MB 880-122505/1-A	Method Blank	Total/NA	Solid	8015B NM	122505
LCS 880-122505/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	122505
LCSD 880-122505/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	122505

HPLC/IC

Leach Batch: 122510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36389-1	BS25-055 0.5'	Soluble	Solid	DI Leach	
MB 880-122510/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-122510/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-122510/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 122529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36389-1	BS25-055 0.5'	Soluble	Solid	300.0	122510
MB 880-122510/1-A	Method Blank	Soluble	Solid	300.0	122510
LCS 880-122510/2-A	Lab Control Sample	Soluble	Solid	300.0	122510
LCSD 880-122510/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	122510

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Snapping 16 FED 3H

Job ID: 885-36389-1

Client Sample ID: BS25-055 0.5'
Date Collected: 10/27/25 12:00
Date Received: 10/29/25 07:55

Lab Sample ID: 885-36389-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			122394	AA	EET MID	10/30/25 08:12
Total/NA	Analysis	8021B		1	122400	MNR	EET MID	10/30/25 18:50
Total/NA	Prep	8015NM Prep			122505	EL	EET MID	10/30/25 21:31
Total/NA	Analysis	8015B NM		1	122552	FC	EET MID	10/31/25 17:15
Soluble	Leach	DI Leach			122510	SA	EET MID	10/31/25 07:49
Soluble	Analysis	300.0		20	122529	CS	EET MID	10/31/25 11:42

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 16 FED 3H

Job ID: 885-36389-1

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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Environment Testing

Ver: 10/10/2024



ICOC No:
885-7174

Containers

Count

1

Container Type

Soil jar 4oz - clear glass

Preservative

None

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-36389-1

Login Number: 36389

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-36389-1

Login Number: 36389

List Number: 2

Creator: Lee, Randall

List Source: Eurofins Midland

List Creation: 10/30/25 12:09 PM

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/26/2025 12:03:10 PM

JOB DESCRIPTION

Snapping 10 Fed 3H

JOB NUMBER

885-38103-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 12/12/2025 6:57:22 AM



Eurofins Albuquerque

Job Notes

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Authorization



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

Generated
11/26/2025 12:03:10 PM

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Laboratory Job ID: 885-38103-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-38103-1

Project/Site: Snapping 10 Fed 3H

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: Snapping 10 Fed 3H

Job ID: 885-38103-1

Job ID: 885-38103-1**Eurofins Albuquerque****Job Narrative
885-38103-1**

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 sample was received on 11/21/2025 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°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

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: Snapping 10 Fed 3H

Job ID: 885-38103-1

Client Sample ID: Backfill

Lab Sample ID: 885-38103-1

Date Collected: 11/19/25 12:00

Matrix: Solid

Date Received: 11/21/25 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/21/25 12:38	11/22/25 20:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/21/25 12:38	11/22/25 20:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/21/25 12:38	11/22/25 20:08	1
Ethylbenzene	ND		0.048	mg/Kg		11/21/25 12:38	11/22/25 20:08	1
Toluene	ND		0.048	mg/Kg		11/21/25 12:38	11/22/25 20:08	1
Xylenes, Total	ND		0.095	mg/Kg		11/21/25 12:38	11/22/25 20:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/21/25 12:38	11/22/25 20:08	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]	25		9.3	mg/Kg		11/24/25 11:22	11/25/25 00:40	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/24/25 11:22	11/25/25 00:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			11/24/25 11:22	11/25/25 00:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		50	mg/Kg		11/21/25 18:10	11/22/25 13:56	10

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-38103-1

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

Lab Sample ID: MB 885-38878/1-A

Matrix: Solid

Analysis Batch: 38921

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38878

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/21/25 12:38	11/22/25 13:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			11/21/25 12:38	11/22/25 13:49	1

Lab Sample ID: LCS 885-38878/2-A

Matrix: Solid

Analysis Batch: 38921

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	25.4		mg/Kg		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	209		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38878/1-A

Matrix: Solid

Analysis Batch: 38922

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38878

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/21/25 12:38	11/22/25 13:49	1
Ethylbenzene	ND		0.050	mg/Kg		11/21/25 12:38	11/22/25 13:49	1
Toluene	ND		0.050	mg/Kg		11/21/25 12:38	11/22/25 13:49	1
Xylenes, Total	ND		0.10	mg/Kg		11/21/25 12:38	11/22/25 13:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			11/21/25 12:38	11/22/25 13:49	1

Lab Sample ID: LCS 885-38878/3-A

Matrix: Solid

Analysis Batch: 38922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.912		mg/Kg		91	70 - 130
Ethylbenzene	1.00	0.924		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	2.00	1.86		mg/Kg		93	70 - 130
o-Xylene	1.00	0.918		mg/Kg		92	70 - 130
Toluene	1.00	0.932		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	110		15 - 150				

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-38103-1

Project/Site: Snapping 10 Fed 3H

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

Lab Sample ID: MB 885-38960/1-A

Matrix: Solid

Analysis Batch: 38938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38960

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		11/24/25 11:22	11/24/25 21:01	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/24/25 11:22	11/24/25 21:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			11/24/25 11:22	11/24/25 21:01	1

Lab Sample ID: LCS 885-38960/2-A

Matrix: Solid

Analysis Batch: 38938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38960

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Diesel Range Organics [C10-C28]	50.0	45.6		mg/Kg		91	51 - 148	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
Di-n-octyl phthalate (Surr)	97		62 - 134					

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38918/1-A

Matrix: Solid

Analysis Batch: 38920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38918

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		11/21/25 18:10	11/22/25 10:26	1
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
Chloride	98		90 - 110					

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-38103-1

GC VOA

Prep Batch: 38878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38103-1	Backfill	Total/NA	Solid	5030C	
MB 885-38878/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38878/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38878/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 38921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38103-1	Backfill	Total/NA	Solid	8015M/D	38878
MB 885-38878/1-A	Method Blank	Total/NA	Solid	8015M/D	38878
LCS 885-38878/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38878

Analysis Batch: 38922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38103-1	Backfill	Total/NA	Solid	8021B	38878
MB 885-38878/1-A	Method Blank	Total/NA	Solid	8021B	38878
LCS 885-38878/3-A	Lab Control Sample	Total/NA	Solid	8021B	38878

GC Semi VOA

Analysis Batch: 38938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38103-1	Backfill	Total/NA	Solid	8015M/D	38960
MB 885-38960/1-A	Method Blank	Total/NA	Solid	8015M/D	38960
LCS 885-38960/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38960

Prep Batch: 38960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38103-1	Backfill	Total/NA	Solid	SHAKE	
MB 885-38960/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38960/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 38918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38103-1	Backfill	Total/NA	Solid	300_Prep	
MB 885-38918/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38918/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 38920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38103-1	Backfill	Total/NA	Solid	300.0	38918
MB 885-38918/1-A	Method Blank	Total/NA	Solid	300.0	38918
LCS 885-38918/2-A	Lab Control Sample	Total/NA	Solid	300.0	38918

Lab Chronicle

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-38103-1

Client Sample ID: Backfill

Lab Sample ID: 885-38103-1

Date Collected: 11/19/25 12:00

Matrix: Solid

Date Received: 11/21/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38878	JP	EET ALB	11/21/25 12:38
Total/NA	Analysis	8015M/D		1	38921	VP	EET ALB	11/22/25 20:08
Total/NA	Prep	5030C			38878	JP	EET ALB	11/21/25 12:38
Total/NA	Analysis	8021B		1	38922	VP	EET ALB	11/22/25 20:08
Total/NA	Prep	SHAKE			38960	EM	EET ALB	11/24/25 11:22
Total/NA	Analysis	8015M/D		1	38938	EM	EET ALB	11/25/25 00:40
Total/NA	Prep	300_Prep			38918	JT	EET ALB	11/21/25 18:10
Total/NA	Analysis	300.0		10	38920	JT	EET ALB	11/22/25 13:56

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Snapping 10 Fed 3H

Job ID: 885-38103-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-26

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-38103-1

Login Number: 38103

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 534238

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2427862444
Incident Name	NAPP2427862444 SNAPPING 10 FEDERAL #003H @ 30-015-39866
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-39866] SNAPPING 10 FEDERAL #003H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SNAPPING 10 FEDERAL #003H
Date Release Discovered	10/04/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Well Crude Oil Released: 20 BBL Recovered: 10 BBL Lost: 10 BBL.
Produced Water Released (bbls) Details	Not answered.
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)	stuffing box failed due to well kick. 20 bbls oil estimated released onto pad. 10 BBLS recovered.

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QUESTIONS, Page 2

Action 534238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

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	10 bbls recovered

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 12/12/2025
--	---

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QUESTIONS, Page 3

Action 534238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 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	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	4960
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5380
GRO+DRO (EPA SW-846 Method 8015M)	1820
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	03/31/2025
On what date will (or did) the final sampling or liner inspection occur	05/01/2025
On what date will (or was) the remediation complete(d)	06/01/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	16506
What is the estimated volume (in cubic yards) that will be remediated	1300

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 534238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	FEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
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
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 12/12/2025
<i>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.</i>	

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5

Action 534238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 534238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	519209
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/27/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

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	13153.9
What was the total volume (cubic yards) remediated	477
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	As detailed in attached report.
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 12/12/2025

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QUESTIONS, Page 7

Action 534238

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 534238

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534238
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2427862444 SNAPPING 10 FEDERAL #003H, thank you. This Remediation Closure Report is approved.	1/5/2026