Incident Number: nAPP2417440880

Remediation Assessment and Deferral

White Dove 17 CTB 3

Section 17, Township 23 South, Range 34 East

Facility: fAPP2209631085

County: Lea

Vertex File Number: 24E-03262

Prepared for:

Devon Energy Production Company, LP

Prepared by:

Vertex Resource Services Inc.

Date:

October 2025

Release Assessment and Deferral
White Dove 17 CTB 3
Section 17, Township 23 South, Range 34 East
Facility: fAPP2209631085
County: Lea

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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 Deferral for a produced water release that occurred on June 21, 2024, at White Dove 17 CTB 3 facility fAPP2209631085 (hereafter referred to as the "site"). Devon submitted a Notification of Release to New Mexico Oil Conservation Division (NMOCD) District 1 and the Bureau of Land Management (BLM) on June 22, 2024. Incident ID number nAPP2417440880 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 deferral of this release, with the understanding that restoration of the release site will be deferred until such time as all oil and gas activities are terminated and the site is reclaimed as per NMAC 19.15.29.13.

2.0 Incident Description

The release was discovered on June 21, 2024, due to pin hole in the side of a separator. The C-141 for the incident was initiated on June 25, 2024. The incident involved the release of approximately 6 barrels (bbl) of produced water on the pad site. Approximately 5 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 20 miles southwest of Eunice, New Mexico. The legal location for the site is Section 17, Township 23 South and Range 34 East in Lea County, New Mexico. The release area is located on BLM 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 at the site on or in proximity to the constructed pad (Figure 1).

The *Geological Map of New Mexico* (New Mexico Bureau of Geology and Mineral Resources, 2025) 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 low (United States Department of the Interior, Bureau of Land Management, 2018). The surrounding landscape is associated with plains with elevations ranging between 3,000 and 3,900 feet. The climate is semiarid with average annual precipitation ranging between 10 and 13 inches. Predominant soil textures around the site are well-drained loamy fine sands and sandy clay loams with low runoff potential (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Using information from the United States Department of Agriculture, the dominant vegetation was determined to be grasses interspersed with shrubs (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Limited to no vegetation is allowed to grow on the compacted facility pad.

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. 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. Documentation related to the exploratory borehole and information pertaining to the depth to ground water determination is included in Appendix A. Daily Field Reports (DFRs) and site photographs associated with depth to groundwater measurements are included in Appendix B.

The nearest active well to the site is a prospecting well 0.23 miles to the north. There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located approximately 0.55 miles east 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.

Table 1. Closure Criteria Determination			
Site Name: White Dove 17 CTB 3			
Spill Coordinates: 32.309542, -103.494373		**X: 641742**	**Y: 3575742**
Site Specific Conditions		**Value**	**Unit**
1	Depth to Groundwater (nearest reference)	**>100**	feet
	Distance between release and nearest DTGW reference	**1,328**	feet
		0.25	miles
	Date of nearest DTGW reference measurement	**June 6, 2025**	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	2,918	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	5,955	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	4,545	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**	5,943	feet
	ii) Within 1000 feet of any fresh water well or spring	1,229	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	2,709	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	113,595	feet
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
	Distance between release and nearest unstable area	78,528	feet
10	Within a 100-year Floodplain	Undetermined	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	106,387	feet
11	Soil Type	Loamy fine sand, sandy clay loam	
12	Ecological Classification	Loamy sand	
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 adjacent to the production equipment was completed by Vertex between August 26, 2024, and April 17, 2025, including vertical and horizontal delineation. The total impacted area was initially determined to be 16,506 square feet. The DFRs 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 April 14, 2025, and were finalized on April 18, 2025. Vertex personnel supervised the excavation of impacted soils to closure criteria. Field screening was completed on a total of four sample points. It consisted of analysis using a Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and Silver Nitrate Titration (chloride). Field screening results were used to identify areas requiring further remediation. Soils were removed to depths between 1 and 11 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 various phases of the remediation are presented in Appendix B.

Notifications that confirmation samples were being collected were provided to the NMOCD on April 14, 2025. Confirmation 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 1,321 and 1,156 square feet, respectively. A total of 11 base samples and 17 wall samples were collected for laboratory analysis following NMOCD soil sampling procedures. Two composite samples of the backfill material were collected on April 18, 2025. Samples were submitted to Eurofins Environment Testing in Albuquerque, New Mexico, under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Excavation extent and confirmation sample locations are shown on Figure 2, laboratory results are presented in Table 4, and the laboratory data reports are included in Appendix C.

On June 10, 2025, a Remediation Closure Report Extension was approved by NMOCD for the incident. Laboratory results for chloride (1,500 ppm) for excavation wall sample WS25-03 exceeded NMOCD strictest criterion, as presented in Table 4. Notification that an additional confirmation sample was being collected from the excavation wall was provided to the NMOCD and confirmation sample WS25-03 was re-collected on August 7, 2025. The DFR describing additional sampling is presented in Appendix B. Laboratory results are presented in Table 4.

Upon completion of remedial actions, approximately 1,321 square feet and 255 cubic yards of the pad surface was remediated to closure criteria. All confirmation samples collected from the remediation area were below closure criteria. The excavation extended as close as safely possible to the production equipment and infrastructure included within the release area. The remaining release area is in immediate proximity to production equipment and associated infrastructure and will require facility deconstruction in order to complete remediation.

Confirmation samples BS25-10, WS25-05, WS25-06, WS25-11, and WS25-12, and the adjacent equipment area will be deferred until the reclamation of the pad. Vertical delineation of the release was completed at BH24-03 with heavy equipment on April 17, 2025, as close as safely and logistically possible to the production equipment and infrastructure that the deferral area represents. At time of facility decommissioning and deconstruction, the remediation depth is estimated to be 4 feet bgs to meet NMOCD requirements for closure. Remediation deferral area and corresponding confirmation sampling locations are shown on Figure 3.

6.0 Deferral Request

Vertex recommends no additional remediation action to address the release at White Dove 17 CTB 3 until the equipment on-site is decommissioned and removed. 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. 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. There are no anticipated risks to human, ecological or hydrological receptors associated with the release site including the deferral area.

On behalf of Devon Energy Production Company, LP, Vertex requests deferral of the portions of the release that are designated in proximity to equipment, specifically confirmation sample areas BS25-10, WS25-05, WS25-06, WS25-11, and WS25-12. The release and deferral area have been delineated with the understanding that remediation and restoration of this portion of the release will be deferred until such time as all oil and gas activities are terminated as per NMAC 19.15.29.12 and 19.15.29.13. The proposed deferral area consists of 1,419 square feet immediately under and around the separators and associated infrastructure supporting production equipment, as presented on Figures 2 and 3. To meet NMOCD reclamation requirements, this area will be excavated to a depth of 4 feet bgs, requiring the removal of approximately 211 cubic yards of soil following equipment removal. The total release volume was 6 bbl and was localized to the pad in immediate proximity of production equipment and infrastructure. Site deconstruction will be required to complete remediation of the release.

Vertex respectfully requests that incident nAPP2417440880 be deferred until the production equipment is retired and

removed prior to reclamation. Devon certifies that all information in this report and the attachments is correct, and that they have complied with all applicable requirements and conditions specified in Division rules and directives to meet NMOCD requirements to obtain deferral on the June 21, 2024, release at White Dove 17 CTB 3.

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.

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/

New Mexico Office of the State Engineer. (2025). *New Mexico Water Rights Reporting System*. Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/

New Mexico Oil Conservation Division. (2018). *New Mexico Administrative Code – Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.

United States Department of Agriculture, Natural Resources Conservation Service. (2025). *Web Soil Survey*. Retrieved from https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

United States Department of Homeland Security, Federal Emergency Management Agency. (2025). *FEMA Flood Map Service: Search by Address*. Retrieved from https://msc.fema.gov/

United States Department of the Interior, Bureau of Land Management. (2018). *New Mexico Cave/Karst*. Retrieved from https://www.nm.blm.gov/shapeFiles/cfo/carlsbad_spatial_data.html

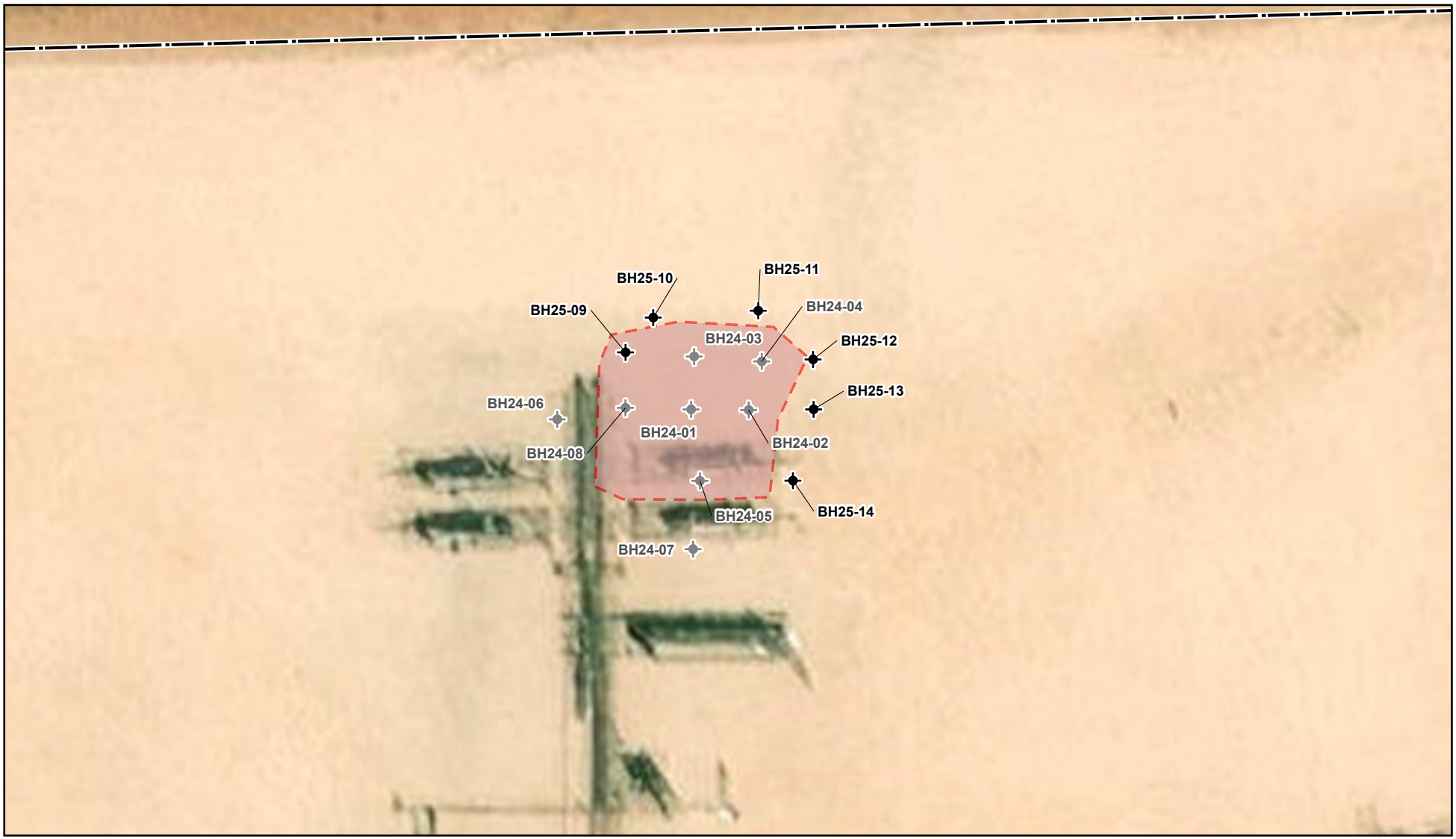
United States Fish and Wildlife Service. (2025). *National Wetland Inventory - Surface Waters and Wetlands*. Retrieved from https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/

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

Historical Borehole

Approximate Lease Boundary

Approximate Release Area (~2,173 sq.ft. | 179 ft.)

VERTEX

0 25 50 ft

NAD 1983 UTM Zone 13N

Date: Feb 18/25

Map Center:
Lat/Long
32.309546°,-103.494322°

N

Characterization Sampling Site Schematic
White Dove 17 CTB 3

FIGURE:
1

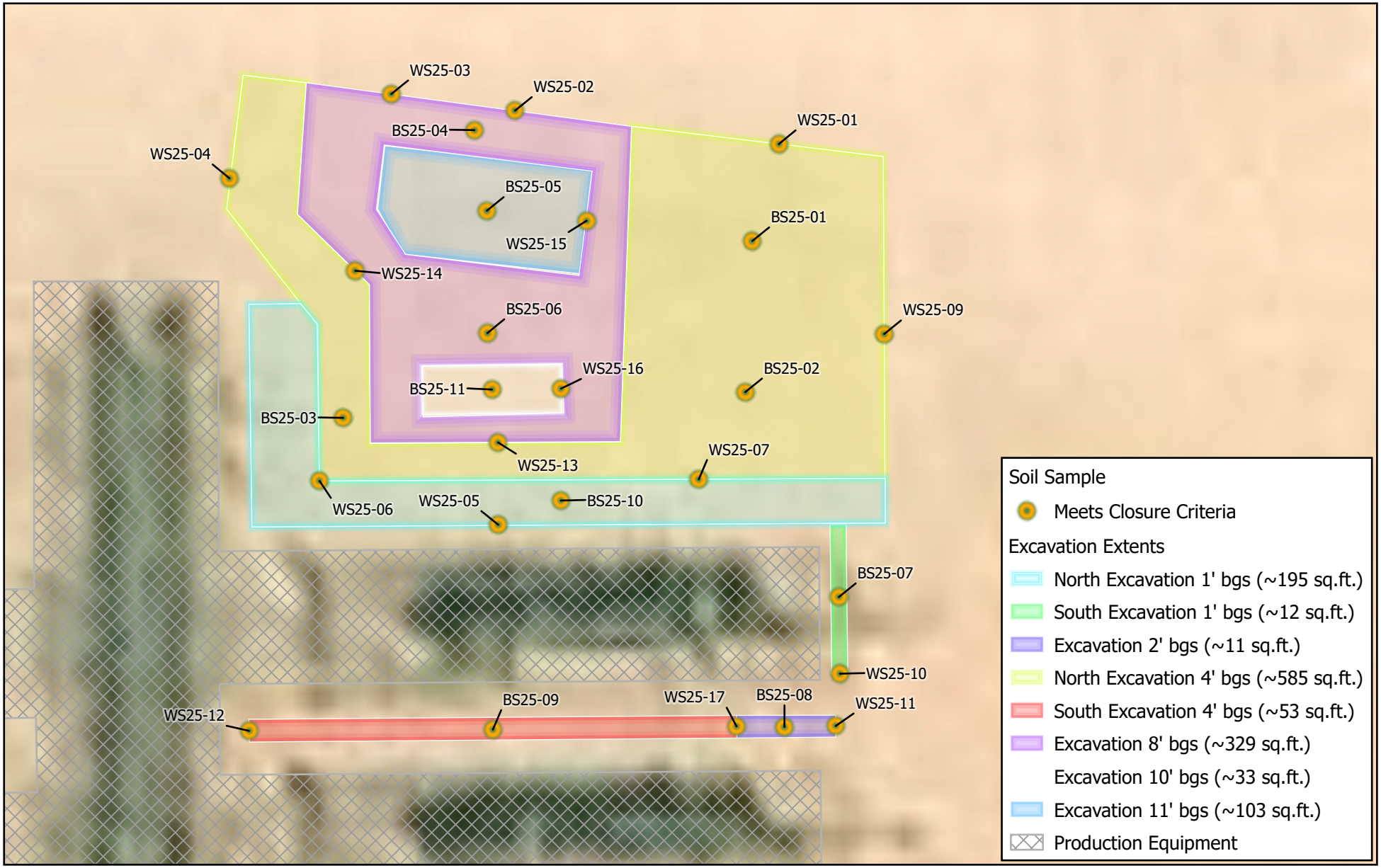
devon

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

Note: Georeferenced image from Esri, 2023. Approximate lease boundary from sketch by Vertex Professional Services Ltd. (Vertex), 2024. Site features from GPS, Vertex, 2024 and 2025.

VERSATILITY. EXPERTISE.

Document Path: S:\04 - Geomatics\1-Projects\ US PROJECTS\Devon Energy Corporation\2024\24E-03262 - White Dove 17 CTB 3\Project\24E-03262.aprx



VERTEX

0 5 10 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.309552°N, 103.494316°W

Date: Aug 06/25

N

Confirmation Sample Locations
White Dove 17 CTB 3

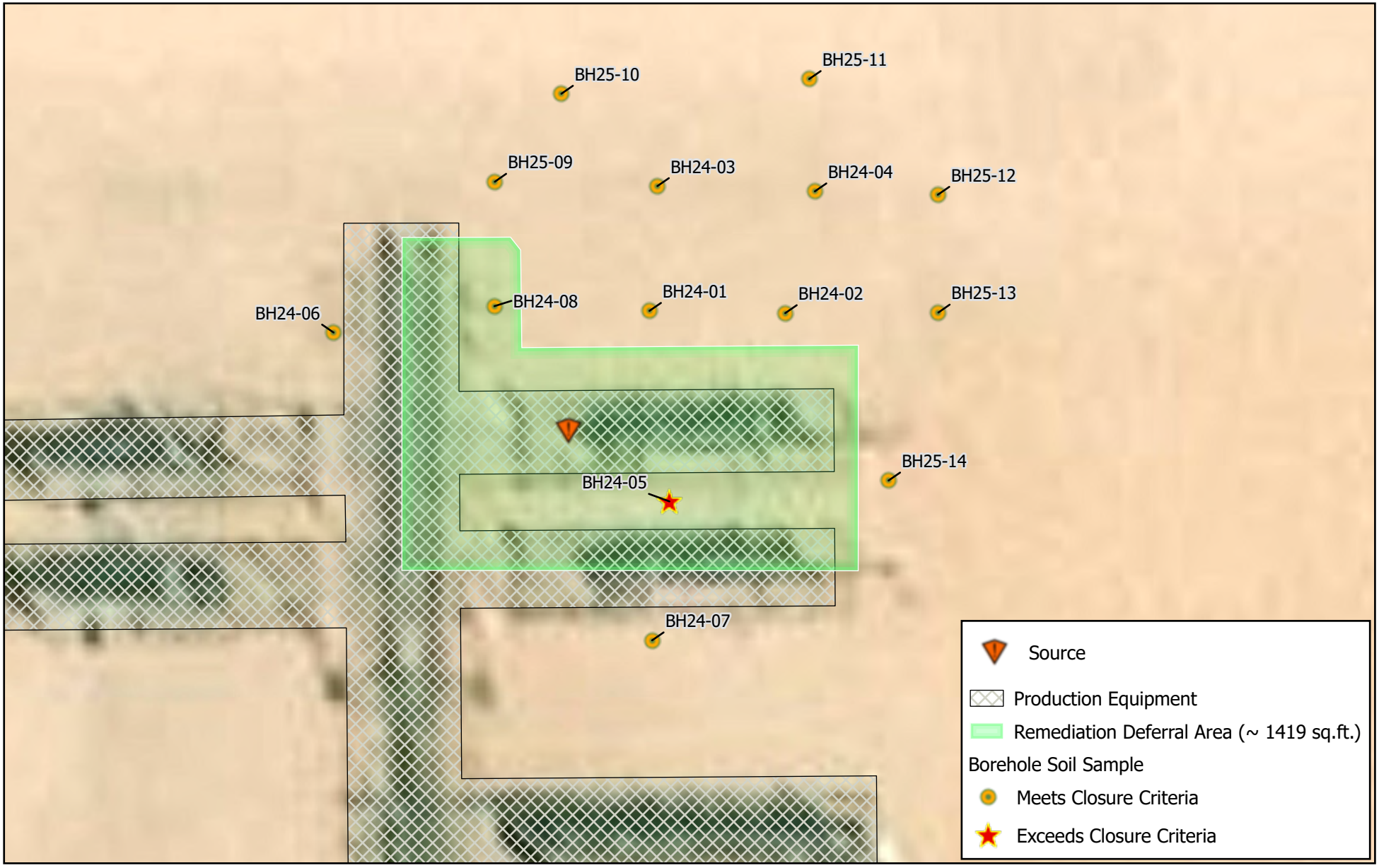
FIGURE: **2**

devon

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.



VERTEX

Map Center:
Lat/Long: 32.309517°N, 103.494339°W

0 10 20 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Aug 06/25

N

Deferral Area and Infrastructure
White Dove 17 CTB 3

FIGURE:
3

devon

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: White Dove 17 CTB 3
NMOCD Tracking #: nAPP2417440880
Project #: 24E-03262
Lab Reports: 885-10997, 885-19961, and 885-23531

Table 3. Characterization Sample Laboratory Results - Depth to Groundwater >100 feet bgs

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BH24-01	1	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	3,800
	2	August 26, 2024	ND	ND	ND	13	ND	13	13	4,300
	4	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
BH24-02	1	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	2,100
	2	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	3,700
	4	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	3,100
	5	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	2,700
BH24-03	1	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	3,700
	2	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	2,200
	4	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	2,300
	5	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	980
	12	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	210
BH24-04	1	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	2,200
	2	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	2,600
	4	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
BH24-05	1	August 26, 2024	ND	ND	ND	38	55	38	93	**21,000**
	2	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	6,800
	4	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
BH24-06	1	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	230
	4	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
BH24-07	1	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	420
	4	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
BH24-08	1	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	5,800
	2	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	8,700
	4	August 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
BH25-09	0	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	1,900
	2	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	4	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	200
BH25-10	0	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	4	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND

Client Name: Devon Energy Production Company, LP
Site Name: White Dove 17 CTB 3
NMOCD Tracking #: nAPP2417440880
Project #: 24E-03262
Lab Reports: 885-10997, 885-19961, and 885-23531

Table 3. Characterization Sample Laboratory Results - Depth to Groundwater >100 feet bgs

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BH25-11	0	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	4	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-12	0	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	4	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-13	0	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	77
	4	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-14	0	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	4	February 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria

Client Name: Devon Energy Production Company, LP
Site Name: White Dove 17 CTB 3
NMOCD Tracking #: nAPP2417440880
Project #: 24E-03262
Lab Reports: 885-23532 and 885-30630

Table 4. Confirmation Sample Laboratory Results - Depth to Groundwater >100 feet bgs

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BS25-01	4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-02	4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	360
BS25-03	4	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-04	8	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	1600
BS25-05	11	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	530
BS25-06	8	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	2100
BS25-07	1	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-08	2	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	98
BS25-09	4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	1800
BS25-10	1	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	1600
BS25-11	10	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	2000
WS25-01	0-4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-02	0-8	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	250
WS25-03	0-8	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	1500
	0-8	August 7, 2025	ND	ND	ND	ND	ND	ND	ND	**ND**
WS25-04	0-4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-05	0-1	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	1600
WS25-06	1-4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	1600
WS25-07	1-4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-08	4-8	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	280
WS25-09	0-4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-10	0-1	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	120
WS25-11	0-2	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	2400
WS25-12	0-4	April 16, 2025	ND	ND	ND	ND	ND	ND	ND	1800
WS25-13	4-8	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	1700
WS25-14	4-8	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	2000
WS25-15	8-11	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	1100
WS25-16	8-10	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	1600
WS25-17	2-4	April 17, 2025	ND	ND	ND	ND	ND	ND	ND	480
BACKFILL SAMPLES										
Backfill-01	0	April 18, 2025	ND	ND	ND	ND	ND	ND	ND	160
Backfill-02	0	April 18, 2025	ND	ND	ND	ND	ND	ND	ND	140

"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 Remediation Closure Criteria

VERTEX

APPENDIX A - Closure Criteria Research Documentation

OSE POD 0.5 miles

8/2/2025, 6:33:49 PM

GIS WATERS PODs

- Active
- Pending
- Inactive
- Plugged
- OSE District Boundary

1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

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

Online web user

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

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)			(quarters are smallest to largest)						(NAD83 UTM in meters)				(In feet)	(In feet)	(In feet)
POD Number	**Code**	**Sub basin**	**County**	**Q64**	**Q16**	**Q4**	**Sec**	**Tws**	**Range**	**X**	**Y**	**Map**	**Distance**	**Well Depth**	**Depth Water**	**Water Column**
CP 00556 POD1		CP	LE	SE	SE	SW	08	23S	34E	641762.5	3576206.3		464	497	255	242
CP 01886 POD1		CP	LE	SE	NW	SE	07	23S	34E	640645.6	3576545.2		1359			
CP 01730 POD1		CP	LE	NE	NE	NW	16	23S	34E	643549.2	3575824.7		1809	594	200	394
CP 00872 POD1		CP	LE	NW	NW	NW	08	23S	34E	641225.0	3577504.0 *		1836	494	305	189
CP 01075 POD1		CP	LE	NW	NW	NW	08	23S	34E	641295.1	3577544.6		1857	430	20	410
CP 01760 POD1		CP	LE	SW	NW	NE	16	23S	34E	643627.4	3575897.6		1891	767	290	477
CP 01502 POD1		CP	LE	SE	SW	SW	05	23S	34E	641316.1	3577635.4		1940	648	200	448
CP 01502 POD2		CP	LE	SE	SW	SW	05	23S	34E	642073.9	3577676.9		1963	680	300	380

Average Depth to Water: **224 fee**

Minimum Depth: **20 feet**

Maximum Depth: **305 feet**

Record Count: 8

UTM Filters (in meters):
Easting: 641742
Northing: 3575742
Radius: 002000

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

Water Right Summary

get image list

WR File Number:	CP 02065	**Subbasin:**	CP	**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 PRODUCTION LP	**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
	785566	EXPL	2025-05-15	PMT	APR	CP 02065 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
CP 02065 POD1	NA		NE	NW	NW	17	23S	34E	641365.1	3575889.3		WHITE DOVE 17 FEDERAL COM 021H

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

8/2/25 6:44 PM MST **Water Rights Summary**

Atkins ENGINEERING ASSOCIATES INC.
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 CP-2065 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, CP-2065 Pod-1.

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

Sincerely,

Lucas Middleton

Enclosures: as noted above

OSE DII ROSWELL NM
10 JUL '25 PM2:45

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1 (TW-1)	N/A	CP-2065

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy Production Company, LP	575-689-7597

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
5315 Buena Vista Dr.	Carlsbad	NM	88220

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	18	40.88	N
	LONGITUDE	103	29	53.13	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

White Dove 17 Fed Com 30-025-49431, Sec17 T23SR34E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
06/06/2025	06/06/2025	Temporary Well Material	±105	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 06/17/2025

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) 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	--	--	--	--

OSE DII ROSWELL NM
10 JUL '25 PM2:45

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) 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		

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) FROM	DEPTH (feet bgl) TO	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)
0	34	34	Caliche, semi-consolidated,with fine-grained sand, tan/white	Y ✓ N	
34	105	71	Sand, fine-grained, , unconsolidated, 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	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ 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.

OSE DII ROSWELL NM
10 JUL '25 PM2:45

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 Atkins (Jul 9, 2025 14:12 MDT) Jackie D. Atkins 07/09/2025

SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE

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: CP-2065 POD-1

Well owner: Devon Energy Production Company, LP Phone No.: 575-628-0451

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, 18 min, 40.88 sec
Longitude: 103 deg, 29 min, 53.13 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: 05/15/2025

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 PM2:45

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Boring	
	10' 105' Drill Cuttings	Approx. 151 gallons	151 gallons	Boring	

OSE DII ROSWELL NM
10 JUL '25 PM2:45

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

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.

Jack Atkins (Jul 9, 2025 14:12 MDT)

Signature of Well Driller

07/09/2025

Date

Version: September 8, 2009
Page 2 of 2

2025-07-09 CP-2065-Well Record-packet-forsign

Final Audit Report 2025-07-09

Created:	2025-07-09
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAWCWPFmmMdYyzqglXMM-5-jlYbKBgT1j3

"2025-07-09 CP-2065-Well Record-packet-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com)
2025-07-09 - 6:55:24 PM GMT

Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2025-07-09 - 6:55:30 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com)
2025-07-09 - 8:08:17 PM GMT

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2025-07-09 - 8:12:47 PM GMT - Time Source: server

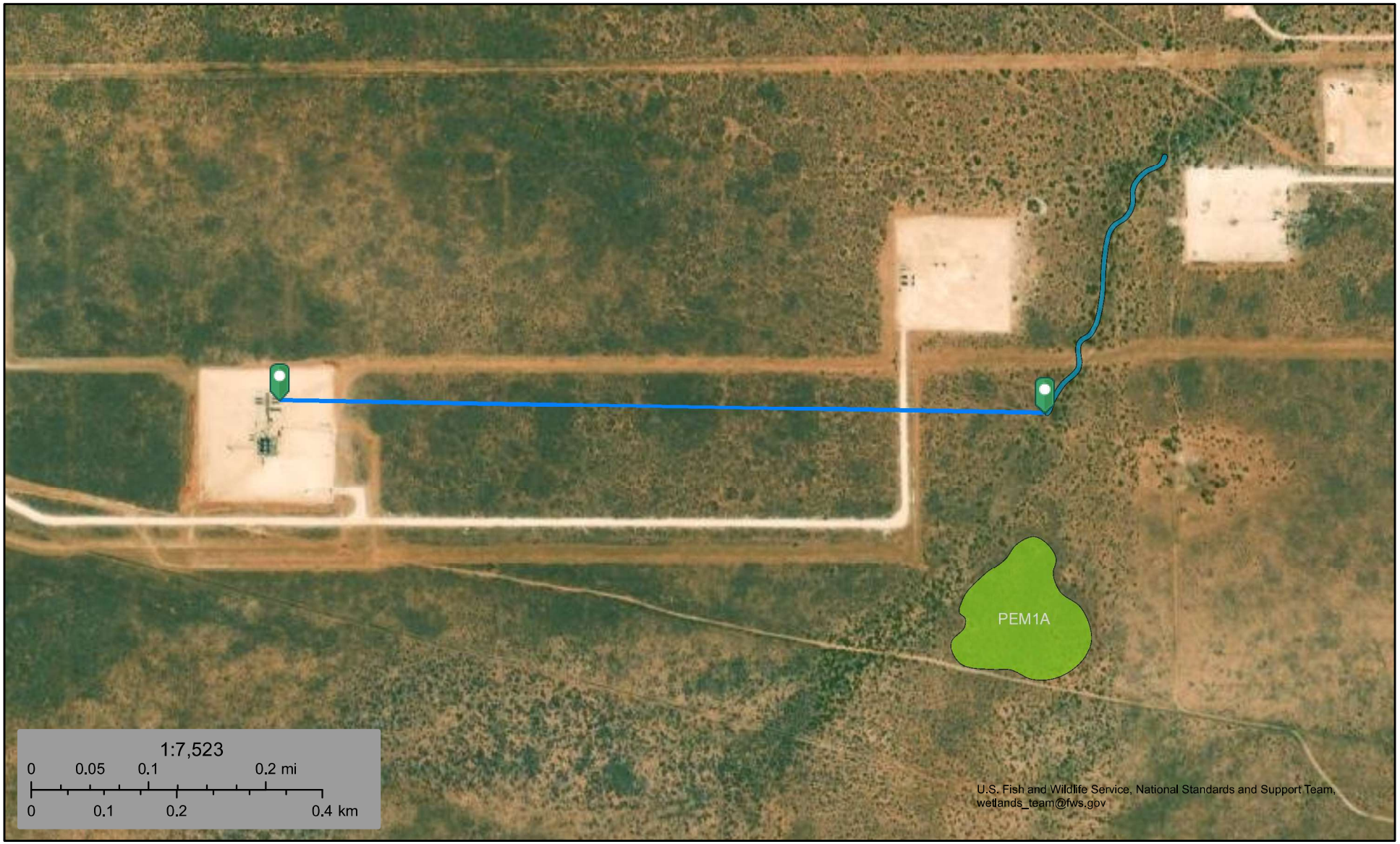
Agreement completed.
2025-07-09 - 8:12:47 PM GMT

OSE DII ROSWELL NM
10 JUL '25 PM2:45

Adobe Acrobat Sign

U.S. Fish and Wildlife Service
National Wetlands Inventory

Intermittent 2,918 feet



October 2, 2024

Wetlands

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

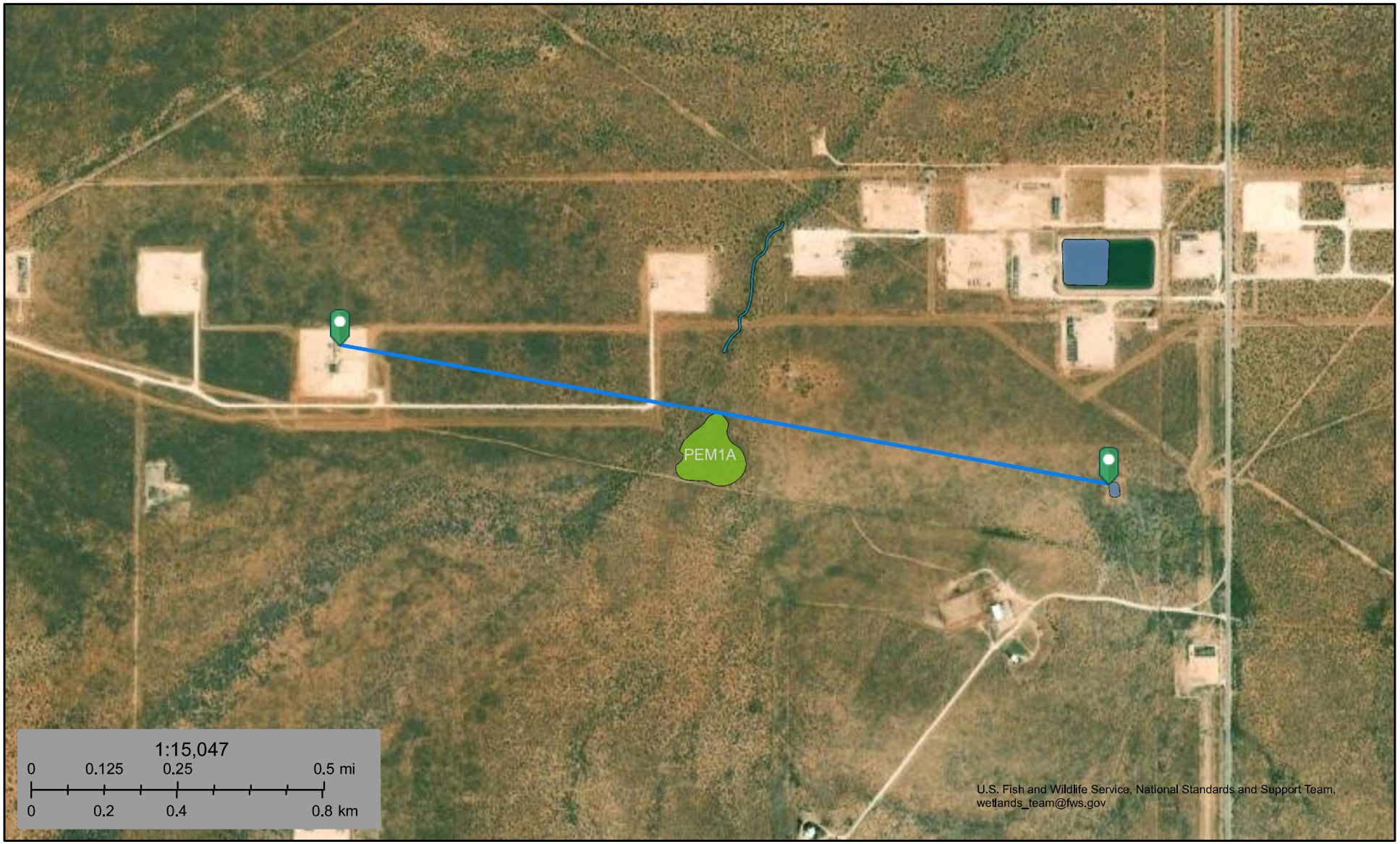
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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

U.S. Fish and Wildlife Service

National Wetlands Inventory

Pond 5,955 feet



October 2, 2024

Wetlands

- Estuarine and Marine Deepwater
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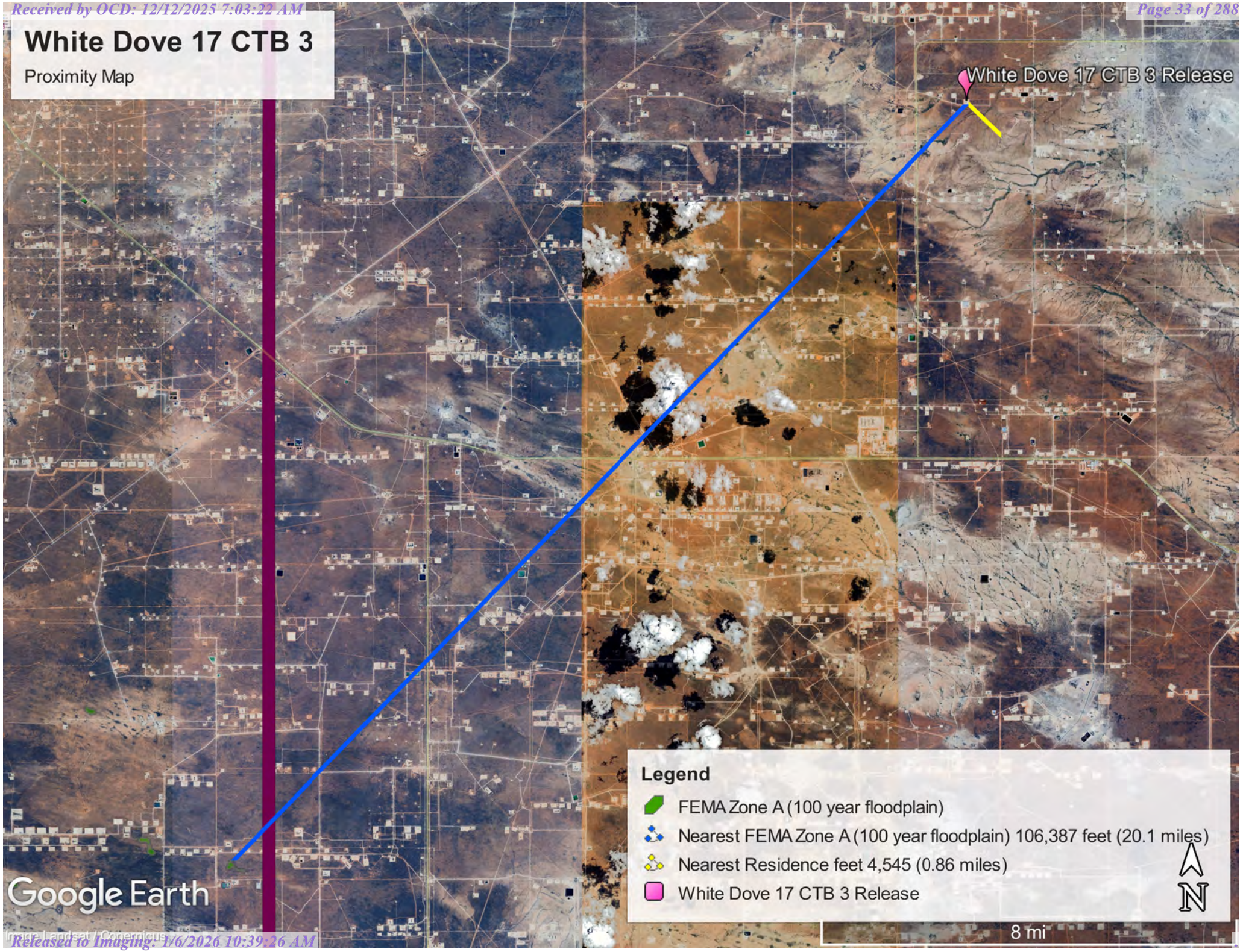
National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

White Dove 17 CTB 3

Proximity Map



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
CP 00629	CP	PRO	0.000	J.C. MILLS	LE	CP 00629					SE	SE	SW	08	23S	34E	641846.0	3576102.0 *		374.7
CP 02065	CP	MON	0.000	DEVON ENERGY PRODUCTION LP	LE	CP 02065 POD1	NA				NE	NW	NW	17	23S	34E	641365.1	3575889.3		404.7
CP 00556	CP	COM	0.000	JIMMY MILLS GST TRUST	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		464.8
CP 01070	CP	PRO	0.000	TONYA'S PERMIT SERVICE	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		464.8
CP 01071	CP	PRO	0.000	TD WATER SERVICES	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		464.8
CP 01072	CP	PRO	0.000	GLENN'S WATER WELL SRVC, INC.	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		464.8
CP 01179	CP	PRO	0.000	CONCHO OIL & GAS	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		464.8
CP 01180	CP	PRO	0.000	CONCHO OIL & GAS	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		464.8
CP 01181	CP	PRO	0.000	CONCHO OIL & GAS	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		464.8
CP 01886	CP	MON	0.000	KAISER-FRANCIS OIL COMPANY	LE	CP 01886 POD1	NA				SE	NW	SE	07	23S	34E	640645.6	3576545.2		1,359.1
CP 00613	CP	PRO	0.000	J.C. MILLS	LE	CP 00613					SW	NW	SE	07	23S	34E	640433.0	3576489.0 *		1,507.1
CP 01168	CP	EXP	0.000	LIMESTONE LIVESTOCK LLC	LE	CP 01168 POD1					NE	SE	NW	18	23S	34E	640246.6	3575420.9		1,529.5
CP 01730	CP	EXP	0.000	LIMESTONE BASIN PROPERTIES	LE	CP 01730 POD1	NA			Artesian	NE	NE	NW	16	23S	34E	643549.2	3575824.7		1,809.1
CP 00872	CP	EXP	0.000	KELLER RV, LLC.	LE	CP 00872 POD1				Shallow	NW	NW	NW	08	23S	34E	641225.0	3577504.0 *		1,836.3
CP 00876	CP	PLS	50.000	LIMESTONE BASIN PROPERTIES	LE	CP 00872 POD1				Shallow	NW	NW	NW	08	23S	34E	641225.0	3577504.0 *		1,836.3
CP 00878	CP	PRO	0.000	PENWELL ENERGY	LE	CP 00872 POD1				Shallow	NW	NW	NW	08	23S	34E	641225.0	3577504.0 *		1,836.3
CP 01075	CP	COM	80.000	LIMESTONE BASIN PROPERTIES	LE	CP 01075 POD1	NA			Shallow	NW	NW	NW	08	23S	34E	641295.1	3577544.6		1,857.2
CP 01974	CP	DOL	3.000	LIMESTONE LIVESTOCK LLC.	LE	CP 01075 POD1	NA			Shallow	NW	NW	NW	08	23S	34E	641295.1	3577544.6		1,857.2
CP 01760	CP	EXP	0.000	LIMESTONE BASIN PROPERTIES	LE	CP 01760 POD1	NA			Artesian	SW	NW	NE	16	23S	34E	643627.4	3575897.6		1,891.8
CP 01502	CP	COM	250.000	WATER SPUR LLC	LE	CP 01502 POD1	NA			Shallow	SE	SW	SW	05	23S	34E	641316.1	3577635.4		1,940.7
					LE	CP 01502 POD2	NA			Shallow	SE	SW	SW	05	23S	34E	642073.9	3577676.9		1,963.2

Record Count: 21

Filters Applied:

UTM Filters (in meters):
Easting: 641742
Northing: 3575742
Radius: 002000

Sorted By: Distance

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

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
	CP 00629	SE	SE	SW	08	23S	34E	641846.0	3576102.0 *	

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

Driller License:	**Driller Company:**	
Driller Name:		
Drill Start Date:	**Drill Finish Date:**	**Plug Date:**
Log File Date:	**PCW Rcv Date:**	**Source:**
Pump Type:	**Pipe Discharge Size:**	**Estimated Yield:**
Casing Size:	**Depth Well:**	**Depth Water:**

10/2/24 3:57 PM MST **Point of Diversion Summary**

Water Right Summary

get image list

WR File Number:	CP 00629	**Subbasin:**	CP	**Cross Reference:**
Primary Purpose:	PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE			
Primary Status:	PMT Permit			
Total Acres:		**Subfile:**		**Header:**
Total Diversion:	0.000	**Cause/Case:**		
Owner:	J.C. MILLS			

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	475207	72121	1981-04-24	EXP	EXP	CP 00629	T		3.000	
get images	475205	72121	1981-03-26	EXP	EXP	CP 00629	T		3.000	
get images	475198	72121	1980-12-01	EXP	EXP	CP 00629	T		3.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
CP 00629			SE	SE	SW	08	23S	34E	641846.0	3576102.0 *		

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

10/2/24 3:55 PM MST **Water Rights Summary**

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetland 2,709 feet

October 2, 2024

Wetlands

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

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

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

Potash Mine 113,595 feet

10/2/2024, 7:52:46 PM

1:288,895

0 2 4 8 mi

0 3.25 6.5 13 km

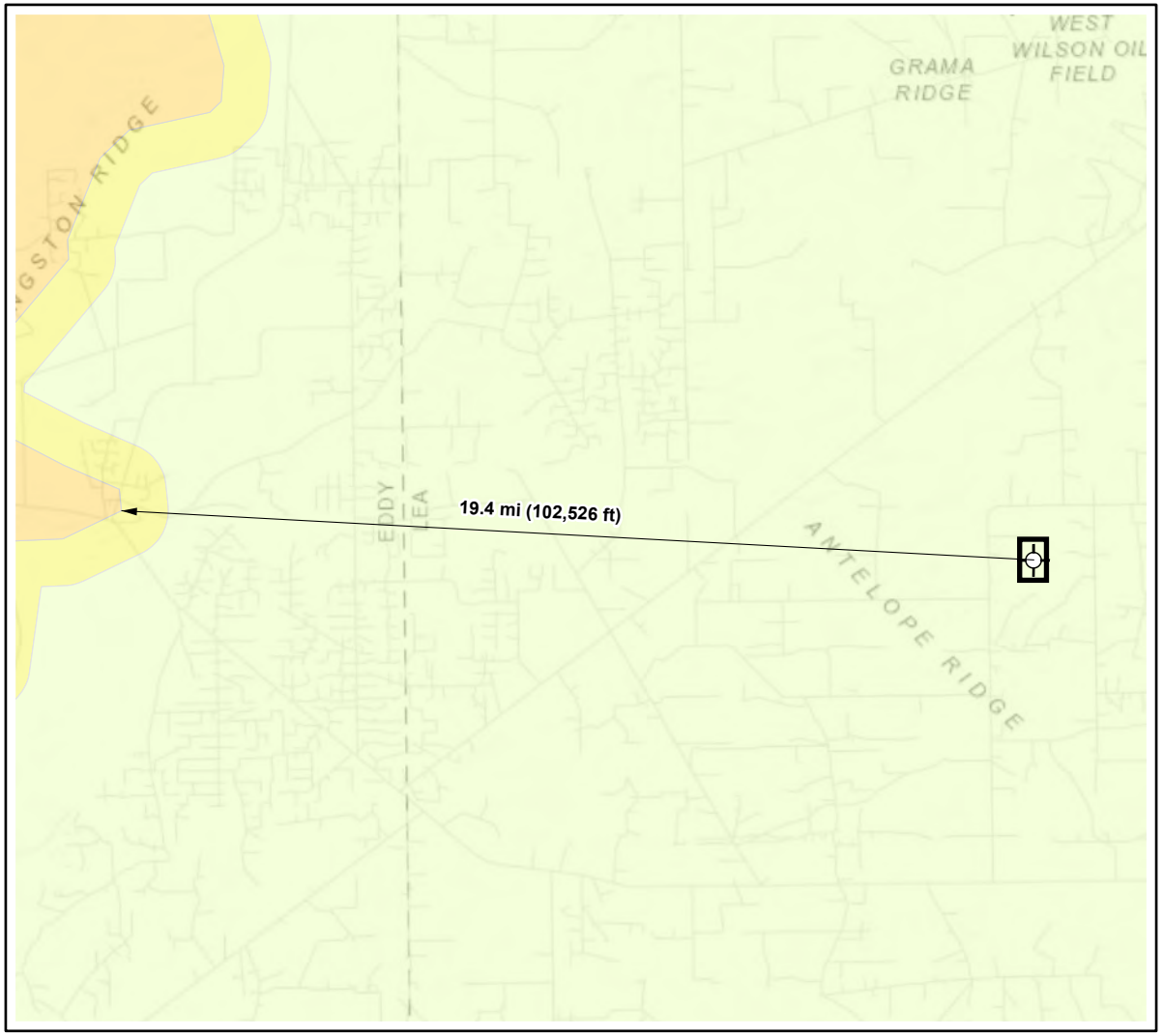
Registered Mines

- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Industrial Minerals (Other)
- Potash
- PLSS Townships

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

EMNRD MMD GIS Coordinator

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



Karst Potential

- Critical
- High
- Medium
- Low

Site Location

Site Buffer (1000 ft)

Overview Map

0 0.75 1.5 3 mi

Detail Map

0 150 300 600 ft

VERTEX

Map Center:
Lat/Long
32.309735°,-103.494509°

NAD 1983 UTM Zone 13N
Date: Oct 07/24

N

Karst Potential Map
White Dove 17 CTB 3

Figure:
X

devon

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 2022; 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.

Document Path: G:\1-Projects_US PROJECTS\Devon Energy Corporation\2024\24E-03262 - White Dove 17 CTB 3\Project\24E-03262.aprx

National Flood Hazard Layer FIRMette

FEMA

103°29'58"W 32°18'50"N

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

1:6,000

103°29'21"W 32°18'19"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*

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

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

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

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/5/2024 at 7:48 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.

United States Department of Agriculture

NRCS

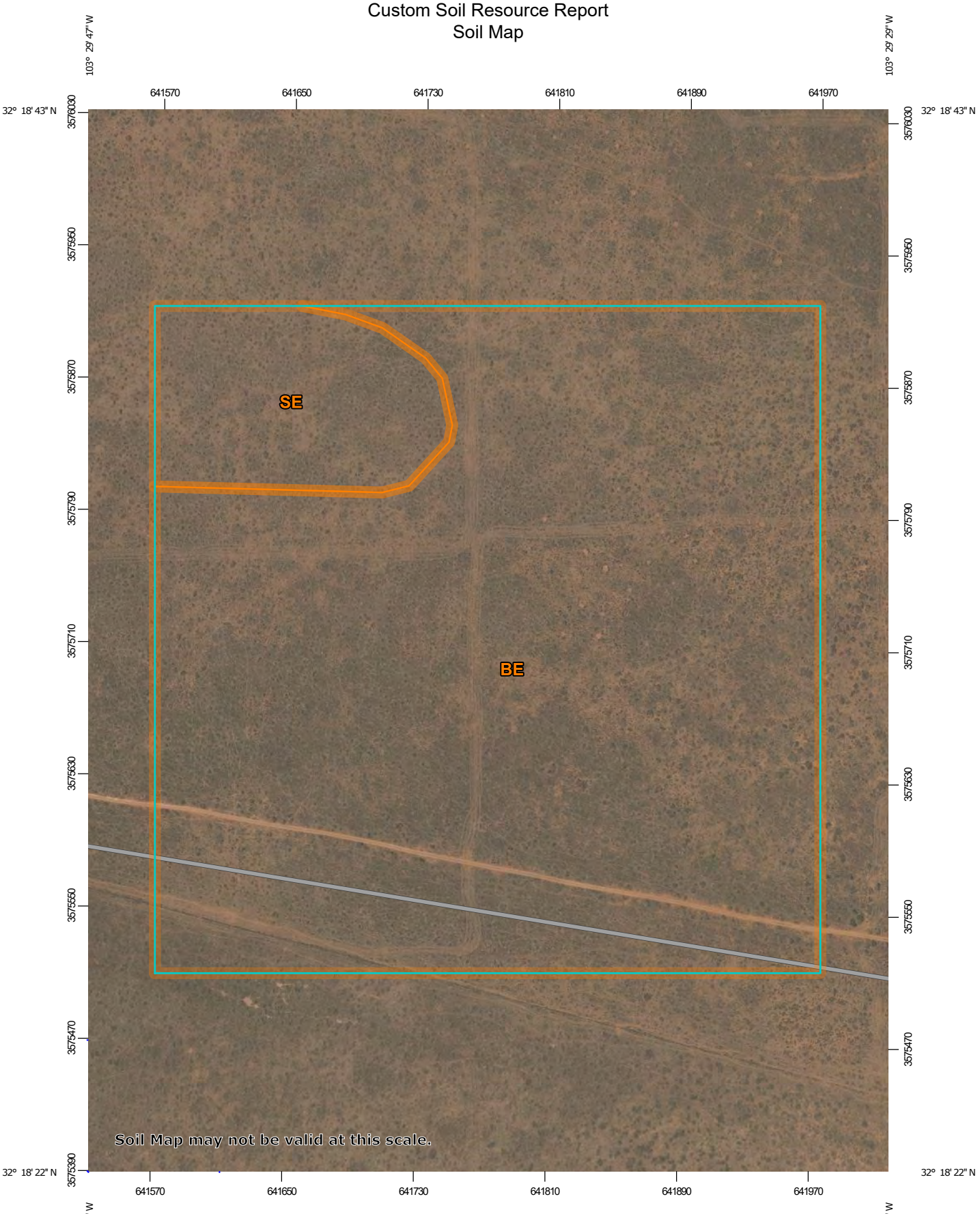
Natural Resources Conservation Service

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 Lea County, New Mexico

August 3, 2025

Custom Soil Resource Report
Soil Map



Map Scale: 1:3,130 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 45 90 180 270

Feet: 0 150 300 600 900

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

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: Lea County, New Mexico
Survey Area Data: Version 21, 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.

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

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

Map Unit Composition

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

Description of Berino

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

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

Description of Cacique

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand
Bt - 12 to 28 inches: sandy clay loam
Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: 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: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 6 percent
Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Palomas

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

SE—Simona fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmr2
Elevation: 3,000 to 4,200 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 58 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sandy loam
Bk - 8 to 16 inches: gravelly fine sandy loam
Bkm - 16 to 26 inches: cemented material

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: 35 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Very low (about 2.0 inches)

Interpretive groups

Land capability classification (irrigated): 6s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D

Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Minor Components

Kimbrough

Percent of map unit: 8 percent
Ecological site: R077CY037TX - Very Shallow 16-21" PZ
Hydric soil rating: No

Lea

Percent of map unit: 7 percent
Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

USDA Natural Resources Conservation Service

Ecological site R070BD003NM
Loamy Sand

Accessed: 10/06/2024

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
R070BD005NM	**Deep Sand** Deep Sand

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site is on uplands, plains, dunes, fan piedmonts and in inter dunal areas. The parent material consists of mixed alluvium and or eolian sands derived from sedimentary rock. Slope range on this site range from 0 to 9 percent with the average of 5 percent.

Low stabilized dunes may occur occasionally on this site. Elevations range from 2,800 to 5,000 feet.

Table 2. Representative physiographic features

Landforms	(1) Fan piedmont (2) Alluvial fan (3) Dune
Elevation	2,800–5,000 ft
Slope	0–9%
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 207 to 220 days. The last killing frost being late March or early April and the first killing frost being in later 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 this site. Strong winds blow from the southwest from January through June, which accelerates soil drying during a critical period for cool season plant growth.

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

Table 3. Representative climatic features

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

Influencing water features

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

Soil features

Soils are moderately deep or very deep. Surface textures are loamy fine sand, fine sandy loam, loamy very fine sand or gravelly sandy loam.

Subsurface is a loamy fine sand, coarse sandy loam, fine sandy loam or loam that averages less than 18 percent clay and less than 15 percent carbonates.

Substratum is a fine sandy loam or gravelly fine sandy loam with less than 15 percent gravel and with less than 40 percent calcium carbonate. Some layers high in lime or with caliche fragments may occur at depths of 20 to 30 inches.

These soils, if unprotected by plant cover and organic residue, become wind blown and low hummocks are formed.

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

Characteristic soils are:
Maljamar
Berino
Parjarito
Palomas
Wink
Pyote

Table 4. Representative soil features

Surface texture	(1) Fine sand (2) Fine sandy loam (3) Loamy fine sand
Family particle size	(1) Sandy
Drainage class	Well drained to somewhat excessively drained
Permeability class	Moderate to moderately rapid

Soil depth	40–72 in
Surface fragment cover <=3"	0–10%
Surface fragment cover >3"	0%
Available water capacity (0-40in)	5–7 in
Calcium carbonate equivalent (0-40in)	3–40%
Electrical conductivity (0-40in)	2–4 mmhos/cm
Sodium adsorption ratio (0-40in)	0–2
Soil reaction (1:1 water) (0-40in)	6.6–8.4
Subsurface fragment volume <=3" (Depth not specified)	4–12%
Subsurface fragment volume >3" (Depth not specified)	0%

Ecological dynamics

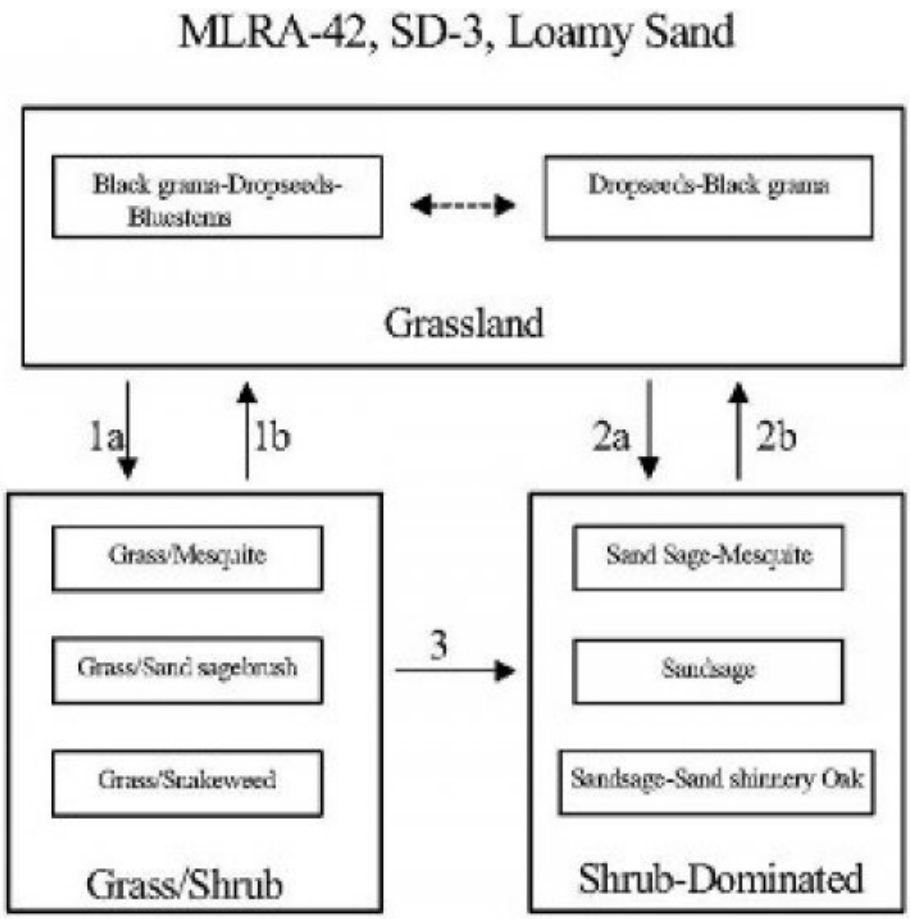
Overview

The Loamy Sand site intergrades with the Deep Sand and Sandy sites (SD-3). These sites can be differentiated by surface soil texture and depth to a textural change. Loamy Sand and Deep Sand sites have coarse textured (sands and loamy sand) surface soils while Sandy sites have moderately coarse textured (sandy loam and fine sandy loam) surfaces. Although Loamy Sand and Deep Sand sites have similar surface textures, the depth to a textural change is different—Loamy Sand sub-surface textures typically increase in clay at approximately 20 to 30 inches, and Deep Sand sites not until around 40 inches.

The historic plant community of Loamy Sand sites is dominated by black grama (*Bouteloua eriopoda*), dropseeds (*Sporobolus flexuosus*, *S. contractus*, *S. cryptandrus*), and bluestems (*Schizachyrium scoparium* and *Andropogon hallii*), with scattered shinnery oak (*Quercus havardii*) and sand sage (*Artemisia filifolia*). Perennial and annual forb abundance and distribution are dependent on precipitation. Litter and to a lesser extent, bare ground, are a significant proportion of ground cover while grasses compose the remainder. Decreases in black grama indicate a transition to either a grass/shrub or shrub-dominated state. The grass/shrub state is composed of grasses/honey mesquite (*Prosopis glandulosa*), grasses/broom snakeweed (*Gutierrezia sarothrae*), or grasses/sand sage. The shrub-dominated state occurs after a severe loss of grass cover and a prevalence of sand sage with secondary shinnery oak and mesquite. Heavy grazing intensity and/or drought are influential drivers in decreasing black grama and bluestems and subsequently increasing shrub cover, erosion, and bare patches. Historical fire suppression also encourages shrub pervasiveness and a competitive advantage over grass species (McPherson 1995). Brush and grazing management, however, may reverse grass/shrub and shrub-dominated states toward the grassland-dominated historic plant community.

State and transition model

Plant Communities and Transitional Pathways (diagram):



1a. Drought, over grazing, fire suppression.
1b. Brush control, prescribed grazing

2.a Severe loss of grass cover, fire suppression, erosion.
2b. Brush control, seeding, prescribed grazing.

3. Continued loss of grass cover, erosion.

State 1
Historic Climax Plant Community

Community 1.1
Historic Climax Plant Community

Grassland: The historic plant community is a uniformly distributed grassland dominated by black grama, dropseeds, and bluestems. Sand sage and shinnery oak are evenly dispersed throughout the grassland due to the coarse soil

surface texture. Perennial and annual forbs are common but their abundance and distribution are reflective of precipitation. Bluestems initially, followed by black grama, decrease with drought and heavy grazing intensity. Historical fire frequency is unknown but likely occurred enough to remove small shrubs to the competitive advantage of grass species. Fire suppression, drought conditions, and excessive grazing drive most grass species out of competition with shrub species. Diagnosis: Grassland dominated by black grama, dropseeds, and bluestems. Shrubs, such as sand sage, shinnery oak, and mesquite are dispersed throughout the grassland. Forbs are present and populations fluctuate with precipitation variability.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	442	833	1224
Forb	110	208	306
Shrub/Vine	98	184	270
Total	**650**	**1225**	**1800**

Table 6. Ground cover

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	28%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	50%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%
Bedrock	0%
Water	0%
Bare ground	22%

Figure 5. Plant community growth curve (percent production by month). NM2803, R042XC003NM-Loamy Sand-HCPC. SD-3 Loamy Sand - Warm season plant community .

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

State 2
Grass/Shrub

Community 2.1
Grass/Shrub

Grass/Shrub State: The grass/shrub state is dominated by communities of grasses/mesquite, grasses/snakeweed, or grasses/sand sage. Decreases in black grama and bluestem species lead to an increase in bare patches and mesquite which further competes with grass species. An increase of dropseeds and threeawns occurs. Grass distribution becomes more patchy with an absence or severe decrease in black grama and bluestems. Mesquite provides nitrogen and soil organic matter to co-dominant grasses (Ansley and Jacoby 1998, Ansley et al. 1998). Mesquite mortality when exposed to fire is low due to aggressive resprouting abilities. Herbicide application combined with subsequent prescribed fire may be more effective in mesquite reduction (Britton and Wright 1971). Diagnosis: This state is dominated by an increased abundance of communities including grass/mesquite, grass/snakeweed, or grass/sand sage. Dropseeds and threeawns have a patchy distribution. Transition to Grass/Shrub State (1a): The historic plant community begins to shift toward the grass/shrub state as drivers such as drought, fire suppression, interspecific competition, and excessive grazing contribute to alterations in soil properties and herbaceous cover. Cover loss and surface soil erosion are initial indicators of transition followed by a decrease in black grama with a subsequent increase of dropseeds, threeawns, mesquite, and snakeweed. Snakeweed has been documented to outcompete black grama especially under conditions of fire suppression and drought (McDaniel et al. 1984). Key indicators of approach to transition: • Loss of black grama cover • Surface soil erosion • Bare patch expansion • Increased dropseed/threeawn and mesquite, snakeweed, or sand sage abundances Transition to Historic Plant Community (1b): Brush and grazing management may restore the grassland component and reverse shrub or grass/shrub dominated states back toward the historic plant community.

State 3
Shrub Dominated

Community 3.1
Shrub Dominated

Shrub-Dominated State: The shrub-dominated state results from a severe loss of grass cover. This state's primary species is sand sage. Shinnery oak and mesquite also occur; however, grass cover is limited to intershrub distribution. Sand sage stabilizes light sandy soils from wind erosion, which enhances protected grass/forb cover (Davis and Bonham 1979). However, shinnery oak also responds to the sandy soils with dense stands due to an

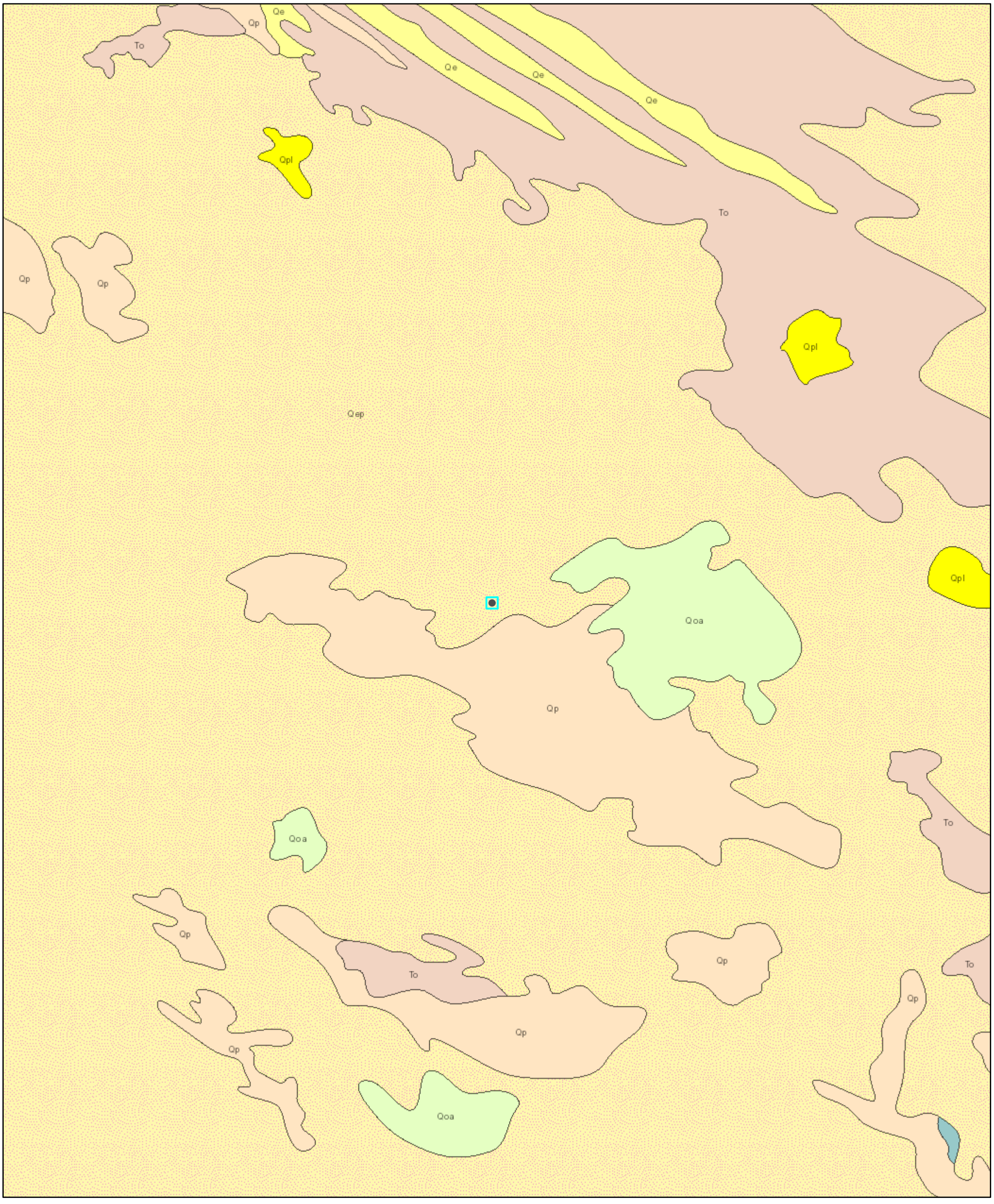
aggressive rhizome system. Shinnery oak's extensive root system promotes competitive exclusion of grasses and forbs. Sand sage, shinnery oak, and mesquite can be controlled with herbicide (Herbel et al. 1979, Pettit 1986). Transition to Shrub-Dominated (2a): Severe loss of grass species with increased erosion and fire suppression will result in a transition to a shrub-dominated state with sand sage, Shin oak, and honey mesquite directly from the grassland-dominated state. Key indicators of approach to transition: • Severe loss of grass species cover • Surface soil erosion • Bare patch expansion • Increased sand sage, shinnery oak, and mesquite abundance Transition to Historic Plant Community (2b): Brush and grazing management may restore the grassland component and reverse shrub or grass/shrub dominated states back toward the historic plant community. In addition, seeding with native grass species will augment the transition to a grassland-dominated state. Transition to Shrub-Dominated (3): If the grass/shrub site continues to lose grass cover with soil erosion, the site will transition to a shrub-dominated state with sand sage, shinnery oak, and honey mesquite. Key indicators of approach to transition: • Continual loss of dropseeds/threeawns cover • Surface soil erosion • Bare patch expansion • Increased sand sage, shinnery oak, and mesquite/dropseed/threeawn and mesquite/snakeweed abundance

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**			61–123	
	little bluestem	SCSC	*Schizachyrium scoparium*	61–123	–
2	**Warm Season**			37–61	
	sand bluestem	ANHA	*Andropogon hallii*	37–61	–
3	**Warm Season**			37–61	
	cane bluestem	BOBA3	*Bothriochloa barbinodis*	37–61	–
	silver bluestem	BOSA	*Bothriochloa saccharoides*	37–61	–
4	**Warm Season**			123–184	
	black grama	BOER4	*Bouteloua eriopoda*	123–184	–
	bush muhly	MUPO2	*Muhlenbergia porteri*	123–184	–
5	**Warm Season**			123–184	
	thin paspalum	PASE5	*Paspalum setaceum*	123–184	–
	plains bristlegrass	SEVU2	*Setaria vulpiseta*	123–184	–
	fringed signalgrass	URCI	*Urochloa ciliatissima*	123–184	–
6	**Warm Season**			123–184	
	spike dropseed	SPCO4	*Sporobolus contractus*	123–184	–
	sand dropseed	SPCR	*Sporobolus cryptandrus*	123–184	–
	mesa dropseed	SPFL2	*Sporobolus flexuosus*	123–184	–
7	**Warm Season**			61–123	
	hooded windmill grass	CHCU2	*Chloris cucullata*	61–123	–
	Arizona cottontop	DICA8	*Digitaria californica*	61–123	–
9	**Other Perennial Grasses**			37–61	
	Grass, perennial	2GP	*Grass, perennial*	37–61	–
Shrub/Vine					
8	**Warm Season**			37–61	
	New Mexico feathergrass	HENE5	*Hesperostipa neomexicana*	37–61	–
	giant dropseed	SPGI	*Sporobolus giganteus*	37–61	–
10	**Shrub**			61–123	

White Dove 17 CTB 3 Geology



1/10/2025, 2:30:27 PM

Lithologic Units

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

1:144,448

0 1.25 2.5 5 mi

0 2.25 4.5 9 km

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

ArcGIS Web AppBuilder

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

APPENDIX B – Daily Field Reports

Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	2/11/2025
Site Location Name:	White Dove 17 CTB 3	Report Run Date:	2/12/2025 2:07 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	2/11/2025 8:53 AM
Departed Site	2/11/2025 4:30 PM

Field Notes

18:39 Arrived on site, completed safety paperwork and conducted a site walkthrough using the magnetic line locator in areas of planned ground disturbance.

18:41 Collected BH25-09 through BH25-14 at 0, 2, and 4ft bgs,BH24-02 and BH24-03 at 5ft bgs. All samples were field screens for chlorides using silver nitrate titration and 6 samples were screened for TPH using a Dexsil Petroflag.

18:43 Samples BH24-02 and BH24-03 hit refusal at 5ft bgs due to a caliche layer. Mechanical excavation will be be needed to find samples that meet NMOCD strictest criteria at depth.

18:43 20 samples were collected in total. All samples were jarred to be sent to the laboratory for further analysis.

Next Steps & Recommendations

1

Daily Site Visit Report

Site Photos

Viewing Direction: South

BH25-09 at 4ft bgs. Samples collected at 0, 2, and 4ft bgs.

Viewing Direction: Southeast

BH25-10 at 4ft bgs. Samples collected at 0, 2, and 4ft bgs.

Viewing Direction: South

BH25-11 at 4ft bgs. Samples collected at 0, 2, and 4ft bgs.

Viewing Direction: West

BH25-12 at 4ft bgs. Samples collected at 0, 2, and 4ft bgs.

Daily Site Visit Report

Viewing Direction: Northwest

BH25-13 at 4ft bgs. Samples collected at 0, 3, and 4ft bgs.

Viewing Direction: West

BH25-15 at 4ft bgs. Samples collected at 0, 3, and 4ft bgs.

Viewing Direction: South

BH24-03 at 5ft bgs. Sample point was intended to go down to 6ft bgs but hit refusal.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: John Rewis

Signature:

Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	4/16/2025
Site Location Name:	White Dove 17 CTB 3	Report Run Date:	4/17/2025 1:23 AM
Client Contact Name:	Jim Raley	API #:	
Client Contact Phone #:	575-748-0176		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	4/16/2025 8:00 AM
Departed Site	

Field Notes

16:01 Arrived on site, completed safety paperwork upon arrival held a brief with the crew from McVay. Devon representative, Rodney Catlin, was onsite today supervising the activities.

16:09 Collected BS25-01, 02, 07, 08, 09 along with WS25-01, 07, 09 ,10, 11, and 12. The samples collected were screened for chlorides using silver nitrate titration and TPH with a Dexsil Petroflag.

16:39 Three 20 cubic yards (~60 cubic yards) truckloads of contaminated soil were hauled off site. Nine truckloads of backfill were brought to the the site.

Next Steps & Recommendations

1

Daily Site Visit Report

Site Photos

Viewing Direction: North	**Viewing Direction**: West
	
BS25-07 and WS25-10 at 1ft bgs.	BS25-08 and WS25-11 at 2ft bgs.
Viewing Direction: West	**Viewing Direction**: West
	
BS25-09 and WS25-12 at 4ft bgs.	Test trench at 10ft bgs.

Daily Site Visit Report

Viewing Direction: Northwest	**Viewing Direction**: Northeast
	
Overview of the current excavation.	Overview of the current excavation.
Viewing Direction: North	**Viewing Direction**: North
	
Backfill pile	Soil pile

Daily Site Visit Report

Daily Site Visit Signature

Inspector: John Rewis

Signature:

Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	4/17/2025
Site Location Name:	White Dove 17 Federal Com #001H	Report Run Date:	4/21/2025 2:28 PM
Client Contact Name:	Jim Raley	API #:	
Client Contact Phone #:	575-748-0176		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	4/17/2025 7:30 AM
Departed Site	4/17/2025 2:00 PM

Daily Site Visit Report

Site Sketch

Site Sketch

Daily Site Visit Report

Field Notes

17:56 Arrived on site, completed safety paperwork and held a brief with the crew on site from McVay. Devon representatives, Rodney Catlin and Bryce Blaylock, both visited the site today.

18:06 Continued collecting confirmation samples from the ongoing excavation. Obtained samples BS25-03, 04, 05, 06, 10, 11 along with WS25-06, 11, 12, 13, 14, 15, 16.

18:06 All samples were screened for chlorides using silver nitrate titration and select samples were screened for TPH using a Dexsil Petroflag.

18:07 All samples collected were jarred to be sent to the laboratory for further analysis.

Next Steps & Recommendations

1

Daily Site Visit Report

Site Photos

Viewing Direction: Southwest	**Viewing Direction**: West
	
Overview of the excavation from the northeast corner.	Overview of the excavation from the southeast corner.
Viewing Direction: South	**Viewing Direction**: West
	
Overview of the excavation from the north wall.	1ft excavation along the separators.

Daily Site Visit Report

Viewing Direction: Northwest	**Viewing Direction**: Northwest
	
10ft bgs excavations. Location for samples BS25-11 and WS25-16.	11ft bgs excavation. Location for samples BS25 -05 and WS25-15.
Viewing Direction: West	**Viewing Direction**: South
	
Bench at 4ft bgs along south wall.	Bench at 4ft bgs along west wall.

Daily Site Visit Report

Viewing Direction: West

1ft bgs excavation east of the horizontal separators.

Viewing Direction: East

4ft bgs excavation in between the separators.

Viewing Direction: West

2ft and 4ft bgs trench in between the separators.

Viewing Direction: South

Deferral area next adjacent to the southwest portion of the excavation.

Daily Site Visit Report

Viewing Direction: South

Deferral area adjacent to the west wall of the excavation area.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: John Rewis

Signature:

Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	4/18/2025
Site Location Name:	White Dove 17 CTB 3	Report Run Date:	4/21/2025 2:29 PM
Client Contact Name:	Jim Raley	API #:	
Client Contact Phone #:	575-748-0176		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	4/18/2025 8:01 AM
Departed Site	

Field Notes

7:57 Arrived on site, completed safety paperwork upon arrival.

7:58 Collected backfill samples 01 and 02 at 0ft bgs. Both samples were field screened for chlorides and silver nitrate titration and TPH using a Dexsil Petroflag. Both samples met NMOCD strictest criteria.

7:59 Backfill-01, and -02 were jarred in preparation to be sent to the laboratory for further analysis.

Next Steps & Recommendations

1

Daily Site Visit Report

Site Photos

Viewing Direction: Southwest	**Viewing Direction**: Northeast
	
Sample location for Backfill-01.	Sample location for Backfill-02

Daily Site Visit Report

Daily Site Visit Signature

Inspector: John Rewis

Signature: 

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	White Dove 17 CTB 3	API #:	
Inspection Date:	6/6/2025		

Summary of Times

Arrived at Site	6/6/2025 9:30 AM
Departed Site	6/6/2025 3:15 PM

Field Notes

12:25 Travel to site/ safety paper work was filled out

12:25 Drilling was off to a slow start due to equipment issues

12:26 Borehole was drilled to 105’

12:26 Casing was set

12:26 Borehole depth was recorded

14:42 Bore hole was secured

Next Steps & Recommendations

1 Record for water after 72 hr wait period

Daily Site Visit Report

Site Photos

Viewing Direction: South	**Viewing Direction**: East
	
DTGW bore in process	Well drilled and casing set
Viewing Direction: East	**Viewing Direction**: East
	
Well depth plus casing above surface 109.8	Casing height above surface 3.9’

Daily Site Visit Report

Viewing Direction: East

Total well depth 105.9

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Riley Arnold

Signature: 
Signature

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	White Dove 17 CTB 3	API #:	
Inspection Date:	6/10/2025		

Summary of Times

Arrived at Site	6/10/2025 9:00 AM
Departed Site	6/10/2025 10:00 AM

Field Notes

9:26 Travel to site/ safety paperwork

9:27 Depth of bore was measured with interface probe , no water was detected

9:28 Casing height above ground was subtracted from Depth of dry hole with casing height above ground = dry hole at 103’

Next Steps & Recommendations

1 Plug well

Daily Site Visit Report

Site Photos

Viewing Direction: North

Dry hole at 106.9’ with casing height above ground

Viewing Direction: South

Casing height above surface level 3.9’

Viewing Direction: Southeast

Dry hole below ground surface 103’

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Riley Arnold

Signature: 

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	White Dove 17 CTB 3	API #:	
Inspection Date:	8/4/2025		

Summary of Times

Arrived at Site	8/4/2025 8:47 AM
Departed Site	8/4/2025 10:08 AM

Field Notes

9:15 Completed JSA on arrival. On site to inspect backfill of excavation.

9:29 Confirmed that excavations between separators, adjacent to production equipment, and north of production equipment were backfilled with packed caliche to surrounding grade.

9:33 Observed and photographed background vegetation off north edge of pad.

10:08 Marked location and submitted locate request.

Next Steps & Recommendations

1 Collect an additional sample once One Call is cleared.

Daily Site Visit Report

Site Photos

Viewing Direction: Northwest

At site entrance facing northwest.

Viewing Direction: West

East of production equipment facing west over backfilled excavation.

Viewing Direction: Northwest

East of production equipment facing northwest over backfilled excavation.

Viewing Direction: North

East of production equipment facing north over backfilled excavation.

Daily Site Visit Report

Viewing Direction: Southwest	**Viewing Direction**: West
	
Northeast of production equipment facing southwest over backfilled excavation.	Northeast of production equipment facing west over backfilled excavation.
Viewing Direction: Northwest	**Viewing Direction**: Southeast
	
Northeast of production equipment facing northwest over backfilled excavation.	North of production equipment facing southeast over backfilled excavation.

Daily Site Visit Report

Viewing Direction: South	**Viewing Direction**: Southwest
	
North of production equipment facing south over backfilled excavation.	North of production equipment facing southwest over backfilled excavation.
Viewing Direction: East	**Viewing Direction**: Southeast
	
North of production equipment facing east over backfilled excavation.	North of production equipment facing southeast over backfilled excavation.

Daily Site Visit Report

Viewing Direction: Northwest

North edge of pad facing northwest over surrounding vegetation.

Viewing Direction: North

North edge of pad facing north over surrounding vegetation.

Viewing Direction: Northeast

North edge of pad facing northeast over surrounding vegetation.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

Signature

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	White Dove 17 CTB 3	API #:	
Inspection Date:	8/7/2025		

Summary of Times

Arrived at Site	8/7/2025 6:48 AM
Departed Site	8/7/2025 9:39 AM

Field Notes

7:07 Completed JSA on arrival. On site to re-collect confirmation sample WS25-03.

7:21 Swept excavation wall and borehole area with magnetic locator prior to ground disturbance.

8:53 Excavation had been backfilled. Excavation wall confirmation sample WS25-03 re-collected by advancing 5 boreholes along excavation wall WS25-03. Boreholes were advanced and samples collected from 0.5 to 8 feet bgs. Each borehole provided one discrete sample. Borehole samples were combined as 5-point composite confirmation sample.

9:27 Field screening results for wall excavation confirmation sample WS25-03 were below NMOCD strictest criteria for chloride and TPH. Packed sample for laboratory.

Next Steps & Recommendations

1 Submit confirmation sample to laboratory for analyses.

Daily Site Visit Report

Site Photos

Viewing Direction: Northwest	**Viewing Direction**: East
	
At pad entrance facing northwest.	North of production equipment facing east. Advanced 5 boreholes along excavation wall WS25-03.

Daily Site Visit Report

Viewing Direction: South	**Viewing Direction**: West
	
North of production equipment facing south. Advanced 5 boreholes along excavation wall WS25-03.	North of production equipment facing west. Advanced 5 boreholes along excavation wall WS25-03.
Viewing Direction: Northwest	**Viewing Direction**: North
	
North of production equipment facing northwest. Advanced 5 boreholes along excavation wall WS25-03.	North of production equipment facing north. Advanced 5 boreholes along excavation wall WS25-03.

Daily Site Visit Report

Viewing Direction: South

North of production equipment facing south. Filled in boreholes.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

APPENDIX C – Laboratory Data Reports and Chain of Custody Forms

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/15/2024 6:28:38 PM

JOB DESCRIPTION

White Dove 17 CTB 3

JOB NUMBER

885-10997-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
9/15/2024 6:28:38 PM

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

Client: Vertex
Project/Site: White Dove 17 CTB 3

Laboratory Job ID: 885-10997-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-10997-1
Project/Site: White Dove 17 CTB 3

Glossary

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

Case Narrative

Client: Vertex Job ID: 885-10997-1
Project: White Dove 17 CTB 3

Job ID: 885-10997-1 Eurofins Albuquerque

Job Narrative
885-10997-1

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

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

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

Receipt
The samples were received on 8/31/2024 9:30 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 5.4°C.

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

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

Diesel Range Organics
Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-11572 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BH24-08@4 (885-10997-24), (885-11003-A-19-B) and (885-11056-B-6-A).

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

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

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-01@1

Date Collected: 08/26/24 10:32
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/03/24 10:32	09/04/24 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*09/03/24 10:32*	*09/04/24 16:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 16:46	1
Ethylbenzene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 16:46	1
Toluene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 16:46	1
Xylenes, Total	ND		0.096		mg/Kg		09/03/24 10:32	09/04/24 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*09/03/24 10:32*	*09/04/24 16:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/03/24 14:05	09/03/24 23:35	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/03/24 14:05	09/03/24 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*09/03/24 14:05*	*09/03/24 23:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3800**		150		mg/Kg		09/04/24 09:50	09/05/24 16:57	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-01@2

Date Collected: 08/26/24 10:37
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-2

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		09/03/24 10:32	09/04/24 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*09/03/24 10:32*	*09/04/24 17:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 17:08	1
Ethylbenzene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 17:08	1
Toluene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 17:08	1
Xylenes, Total	ND		0.097		mg/Kg		09/03/24 10:32	09/04/24 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*48 - 145*	*09/03/24 10:32*	*09/04/24 17:08*	*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]	**13**		9.4		mg/Kg		09/03/24 14:05	09/03/24 23:49	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/03/24 14:05	09/03/24 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*09/03/24 14:05*	*09/03/24 23:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4300**		150		mg/Kg		09/04/24 09:50	09/05/24 17:12	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-01@4

Date Collected: 08/26/24 10:40
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-3

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		4.7		mg/Kg		09/03/24 10:32	09/04/24 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*09/03/24 10:32*	*09/04/24 17:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 17:52	1
Ethylbenzene	ND		0.047		mg/Kg		09/03/24 10:32	09/04/24 17:52	1
Toluene	ND		0.047		mg/Kg		09/03/24 10:32	09/04/24 17:52	1
Xylenes, Total	ND		0.094		mg/Kg		09/03/24 10:32	09/04/24 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*09/03/24 10:32*	*09/04/24 17:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/03/24 14:05	09/04/24 00:03	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/03/24 14:05	09/04/24 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*09/03/24 14:05*	*09/04/24 00:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		09/04/24 09:50	09/04/24 17:15	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-02@1

Date Collected: 08/26/24 10:43
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-4

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		4.9		mg/Kg		09/03/24 10:32	09/04/24 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*09/03/24 10:32*	*09/04/24 18:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 10:32	09/04/24 18:13	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 10:32	09/04/24 18:13	1
Toluene	ND		0.049		mg/Kg		09/03/24 10:32	09/04/24 18:13	1
Xylenes, Total	ND		0.099		mg/Kg		09/03/24 10:32	09/04/24 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*09/03/24 10:32*	*09/04/24 18:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/03/24 14:05	09/04/24 00:17	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/03/24 14:05	09/04/24 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*09/03/24 14:05*	*09/04/24 00:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2100**		60		mg/Kg		09/04/24 09:50	09/04/24 17:28	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-02@2

Date Collected: 08/26/24 10:45
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-5

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		09/03/24 10:32	09/04/24 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*09/03/24 10:32*	*09/04/24 18:35*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 18:35	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 10:32	09/04/24 18:35	1
Toluene	ND		0.049		mg/Kg		09/03/24 10:32	09/04/24 18:35	1
Xylenes, Total	ND		0.098		mg/Kg		09/03/24 10:32	09/04/24 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*09/03/24 10:32*	*09/04/24 18:35*	*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		9.2		mg/Kg		09/03/24 14:05	09/04/24 00:30	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/03/24 14:05	09/04/24 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*09/03/24 14:05*	*09/04/24 00:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3700**		150		mg/Kg		09/04/24 09:50	09/05/24 17:28	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-02@4

Date Collected: 08/26/24 10:48
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-6

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		4.9		mg/Kg		09/03/24 10:32	09/04/24 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*09/03/24 10:32*	*09/04/24 18:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 10:32	09/04/24 18:57	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 10:32	09/04/24 18:57	1
Toluene	ND		0.049		mg/Kg		09/03/24 10:32	09/04/24 18:57	1
Xylenes, Total	ND		0.099		mg/Kg		09/03/24 10:32	09/04/24 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*09/03/24 10:32*	*09/04/24 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		10		mg/Kg		09/03/24 14:05	09/04/24 00:44	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/03/24 14:05	09/04/24 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*119*		*62 - 134*	*09/03/24 14:05*	*09/04/24 00:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3100**		150		mg/Kg		09/04/24 09:50	09/05/24 17:43	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-03@1

Date Collected: 08/26/24 10:54
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-7

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		09/03/24 10:32	09/04/24 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*09/03/24 10:32*	*09/04/24 19:19*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/03/24 10:32	09/04/24 19:19	1
Ethylbenzene	ND		0.046		mg/Kg		09/03/24 10:32	09/04/24 19:19	1
Toluene	ND		0.046		mg/Kg		09/03/24 10:32	09/04/24 19:19	1
Xylenes, Total	ND		0.092		mg/Kg		09/03/24 10:32	09/04/24 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*09/03/24 10:32*	*09/04/24 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]	ND		9.3		mg/Kg		09/03/24 14:05	09/04/24 01:11	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/03/24 14:05	09/04/24 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*09/03/24 14:05*	*09/04/24 01:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3700**		150		mg/Kg		09/04/24 11:40	09/05/24 17:58	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-03@2

Date Collected: 08/26/24 11:02
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/03/24 10:32	09/04/24 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*09/03/24 10:32*	*09/04/24 19:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 19:41	1
Ethylbenzene	ND		0.047		mg/Kg		09/03/24 10:32	09/04/24 19:41	1
Toluene	ND		0.047		mg/Kg		09/03/24 10:32	09/04/24 19:41	1
Xylenes, Total	ND		0.095		mg/Kg		09/03/24 10:32	09/04/24 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*09/03/24 10:32*	*09/04/24 19:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/03/24 14:05	09/04/24 01:25	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/03/24 14:05	09/04/24 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*09/03/24 14:05*	*09/04/24 01:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2200**		150		mg/Kg		09/04/24 11:40	09/05/24 18:13	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-03@4

Date Collected: 08/26/24 11:07
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/03/24 10:32	09/04/24 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*09/03/24 10:32*	*09/04/24 20:02*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 20:02	1
Ethylbenzene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 20:02	1
Toluene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 20:02	1
Xylenes, Total	ND		0.095		mg/Kg		09/03/24 10:32	09/04/24 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*09/03/24 10:32*	*09/04/24 20:02*	*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		9.8		mg/Kg		09/03/24 14:05	09/04/24 01:39	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/03/24 14:05	09/04/24 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*09/03/24 14:05*	*09/04/24 01:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2300**		150		mg/Kg		09/04/24 11:40	09/05/24 18:58	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-04@1

Date Collected: 08/26/24 11:18
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-10

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		4.8		mg/Kg		09/03/24 10:32	09/04/24 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*09/03/24 10:32*	*09/04/24 20:24*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 20:24	1
Ethylbenzene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 20:24	1
Toluene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 20:24	1
Xylenes, Total	ND		0.096		mg/Kg		09/03/24 10:32	09/04/24 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*09/03/24 10:32*	*09/04/24 20:24*	*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		10		mg/Kg		09/03/24 14:05	09/04/24 01:52	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/03/24 14:05	09/04/24 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*09/03/24 14:05*	*09/04/24 01:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2200**		60		mg/Kg		09/04/24 11:40	09/04/24 20:03	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-04@2

Date Collected: 08/26/24 11:21
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-11

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		09/03/24 10:32	09/04/24 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*09/03/24 10:32*	*09/04/24 20:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 20:46	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 10:32	09/04/24 20:46	1
Toluene	ND		0.049		mg/Kg		09/03/24 10:32	09/04/24 20:46	1
Xylenes, Total	ND		0.097		mg/Kg		09/03/24 10:32	09/04/24 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*09/03/24 10:32*	*09/04/24 20:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/03/24 14:05	09/04/24 02:06	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/03/24 14:05	09/04/24 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*09/03/24 14:05*	*09/04/24 02:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2600**		150		mg/Kg		09/04/24 11:40	09/05/24 19:14	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-04@4

Date Collected: 08/26/24 11:24
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-12

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		09/03/24 10:32	09/04/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*09/03/24 10:32*	*09/04/24 21:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 10:32	09/04/24 21:08	1
Ethylbenzene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 21:08	1
Toluene	ND		0.048		mg/Kg		09/03/24 10:32	09/04/24 21:08	1
Xylenes, Total	ND		0.095		mg/Kg		09/03/24 10:32	09/04/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*09/03/24 10:32*	*09/04/24 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		9.6		mg/Kg		09/03/24 15:02	09/04/24 13:08	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/03/24 15:02	09/04/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*09/03/24 15:02*	*09/04/24 13:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		09/04/24 11:40	09/04/24 20:28	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-05@1

Date Collected: 08/26/24 11:35
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-13

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		09/03/24 11:24	09/04/24 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*09/03/24 11:24*	*09/04/24 23:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 11:24	09/04/24 23:18	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 11:24	09/04/24 23:18	1
Toluene	ND		0.049		mg/Kg		09/03/24 11:24	09/04/24 23:18	1
Xylenes, Total	ND		0.098		mg/Kg		09/03/24 11:24	09/04/24 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*09/03/24 11:24*	*09/04/24 23:18*	*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]	**38**		9.6		mg/Kg		09/03/24 15:02	09/04/24 13:19	1
Motor Oil Range Organics [C28-C40]	**55**		48		mg/Kg		09/03/24 15:02	09/04/24 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*09/03/24 15:02*	*09/04/24 13:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21000**		1500		mg/Kg		09/04/24 11:40	09/05/24 19:29	500

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-05@2

Date Collected: 08/26/24 11:40
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-14

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		4.7		mg/Kg		09/03/24 11:24	09/05/24 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*35 - 166*	*09/03/24 11:24*	*09/05/24 00:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 11:24	09/05/24 00:23	1
Ethylbenzene	ND		0.047		mg/Kg		09/03/24 11:24	09/05/24 00:23	1
Toluene	ND		0.047		mg/Kg		09/03/24 11:24	09/05/24 00:23	1
Xylenes, Total	ND		0.094		mg/Kg		09/03/24 11:24	09/05/24 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*48 - 145*	*09/03/24 11:24*	*09/05/24 00:23*	*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		9.7		mg/Kg		09/03/24 15:02	09/04/24 13:29	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/03/24 15:02	09/04/24 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*09/03/24 15:02*	*09/04/24 13:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6800**		300		mg/Kg		09/04/24 11:40	09/05/24 19:44	100

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-05@4

Date Collected: 08/26/24 11:44
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-15

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		4.7		mg/Kg		09/03/24 11:24	09/05/24 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*09/03/24 11:24*	*09/05/24 01:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 11:24	09/05/24 01:28	1
Ethylbenzene	ND		0.047		mg/Kg		09/03/24 11:24	09/05/24 01:28	1
Toluene	ND		0.047		mg/Kg		09/03/24 11:24	09/05/24 01:28	1
Xylenes, Total	ND		0.095		mg/Kg		09/03/24 11:24	09/05/24 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*09/03/24 11:24*	*09/05/24 01:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/03/24 15:02	09/04/24 13:40	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/03/24 15:02	09/04/24 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*09/03/24 15:02*	*09/04/24 13:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		09/04/24 11:40	09/04/24 21:07	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-06@1

Date Collected: 08/26/24 11:47
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-16

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		5.0		mg/Kg		09/03/24 11:24	09/05/24 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*09/03/24 11:24*	*09/05/24 01:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 11:24	09/05/24 01:50	1
Ethylbenzene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 01:50	1
Toluene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 01:50	1
Xylenes, Total	ND		0.099		mg/Kg		09/03/24 11:24	09/05/24 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*48 - 145*	*09/03/24 11:24*	*09/05/24 01:50*	*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		9.7		mg/Kg		09/03/24 15:02	09/04/24 13:51	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/03/24 15:02	09/04/24 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*09/03/24 15:02*	*09/04/24 13:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		09/04/24 11:40	09/04/24 21:20	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-06@2

Date Collected: 08/26/24 11:53
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-17

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		09/03/24 11:24	09/05/24 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*35 - 166*	*09/03/24 11:24*	*09/05/24 02:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 11:24	09/05/24 02:12	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 11:24	09/05/24 02:12	1
Toluene	ND		0.049		mg/Kg		09/03/24 11:24	09/05/24 02:12	1
Xylenes, Total	ND		0.097		mg/Kg		09/03/24 11:24	09/05/24 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*48 - 145*	*09/03/24 11:24*	*09/05/24 02:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/03/24 15:02	09/04/24 14:02	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/03/24 15:02	09/04/24 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*09/03/24 15:02*	*09/04/24 14:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		60		mg/Kg		09/04/24 11:40	09/04/24 21:58	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-06@4

Date Collected: 08/26/24 11:57
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-18

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/03/24 11:24	09/05/24 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*35 - 166*	*09/03/24 11:24*	*09/05/24 02:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 11:24	09/05/24 02:33	1
Ethylbenzene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 02:33	1
Toluene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 02:33	1
Xylenes, Total	ND		0.099		mg/Kg		09/03/24 11:24	09/05/24 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*09/03/24 11:24*	*09/05/24 02:33*	*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		9.7		mg/Kg		09/03/24 15:02	09/04/24 14:12	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/03/24 15:02	09/04/24 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*09/03/24 15:02*	*09/04/24 14:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		09/04/24 11:40	09/04/24 22:37	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-07@1

Date Collected: 08/26/24 12:05
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-19

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		09/03/24 11:24	09/05/24 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*09/03/24 11:24*	*09/05/24 02:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 11:24	09/05/24 02:55	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 11:24	09/05/24 02:55	1
Toluene	ND		0.049		mg/Kg		09/03/24 11:24	09/05/24 02:55	1
Xylenes, Total	ND		0.097		mg/Kg		09/03/24 11:24	09/05/24 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*09/03/24 11:24*	*09/05/24 02:55*	*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		9.0		mg/Kg		09/03/24 15:02	09/04/24 14:23	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		09/03/24 15:02	09/04/24 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*09/03/24 15:02*	*09/04/24 14:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		09/04/24 11:40	09/04/24 22:50	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-07@2

Date Collected: 08/26/24 12:10
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-20

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		5.0		mg/Kg		09/03/24 11:24	09/05/24 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*09/03/24 11:24*	*09/05/24 03:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 11:24	09/05/24 03:17	1
Ethylbenzene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 03:17	1
Toluene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 03:17	1
Xylenes, Total	ND		0.099		mg/Kg		09/03/24 11:24	09/05/24 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*09/03/24 11:24*	*09/05/24 03:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.9		mg/Kg		09/03/24 15:02	09/04/24 14:34	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		09/03/24 15:02	09/04/24 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*09/03/24 15:02*	*09/04/24 14:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		60		mg/Kg		09/04/24 11:40	09/04/24 23:03	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-07@4

Date Collected: 08/26/24 12:15
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-21

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		5.0		mg/Kg		09/03/24 11:24	09/05/24 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*09/03/24 11:24*	*09/05/24 03:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 11:24	09/05/24 03:39	1
Ethylbenzene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 03:39	1
Toluene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 03:39	1
Xylenes, Total	ND		0.10		mg/Kg		09/03/24 11:24	09/05/24 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*48 - 145*	*09/03/24 11:24*	*09/05/24 03:39*	*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		9.7		mg/Kg		09/03/24 15:02	09/04/24 14:45	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/03/24 15:02	09/04/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*09/03/24 15:02*	*09/04/24 14:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		09/04/24 11:40	09/04/24 23:16	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-08@1

Date Collected: 08/26/24 12:24
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-22

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		09/03/24 11:24	09/05/24 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*09/03/24 11:24*	*09/05/24 04:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 11:24	09/05/24 04:00	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 11:24	09/05/24 04:00	1
Toluene	ND		0.049		mg/Kg		09/03/24 11:24	09/05/24 04:00	1
Xylenes, Total	ND		0.097		mg/Kg		09/03/24 11:24	09/05/24 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*48 - 145*	*09/03/24 11:24*	*09/05/24 04:00*	*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		9.3		mg/Kg		09/03/24 15:02	09/04/24 14:56	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/03/24 15:02	09/04/24 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*09/03/24 15:02*	*09/04/24 14:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5800**		300		mg/Kg		09/04/24 11:40	09/05/24 19:59	100

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-08@2

Date Collected: 08/26/24 12:29
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-23

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		5.0		mg/Kg		09/03/24 11:24	09/05/24 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*09/03/24 11:24*	*09/05/24 04:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 11:24	09/05/24 04:44	1
Ethylbenzene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 04:44	1
Toluene	ND		0.050		mg/Kg		09/03/24 11:24	09/05/24 04:44	1
Xylenes, Total	ND		0.099		mg/Kg		09/03/24 11:24	09/05/24 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*09/03/24 11:24*	*09/05/24 04:44*	*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		9.7		mg/Kg		09/03/24 15:02	09/04/24 15:07	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/03/24 15:02	09/04/24 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*09/03/24 15:02*	*09/04/24 15:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8700**		600		mg/Kg		09/04/24 11:40	09/05/24 20:14	200

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-08@4

Date Collected: 08/26/24 12:34
Date Received: 08/31/24 09:30

Lab Sample ID: 885-10997-24

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		4.9		mg/Kg		09/03/24 11:24	09/05/24 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*09/03/24 11:24*	*09/05/24 05:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/03/24 11:24	09/05/24 05:06	1
Ethylbenzene	ND		0.049		mg/Kg		09/03/24 11:24	09/05/24 05:06	1
Toluene	ND		0.049		mg/Kg		09/03/24 11:24	09/05/24 05:06	1
Xylenes, Total	ND		0.097		mg/Kg		09/03/24 11:24	09/05/24 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*48 - 145*	*09/03/24 11:24*	*09/05/24 05:06*	*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		9.2		mg/Kg		09/04/24 09:27	09/04/24 20:05	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/04/24 09:27	09/04/24 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*09/04/24 09:27*	*09/04/24 20:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		09/04/24 11:40	09/04/24 23:54	20

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

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

Lab Sample ID: MB 885-11505/1-A
Matrix: Solid
Analysis Batch: 11649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11505

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/03/24 10:32	09/04/24 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*09/03/24 10:32*	*09/04/24 12:03*	*1*

Lab Sample ID: LCS 885-11505/2-A
Matrix: Solid
Analysis Batch: 11649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11505

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	25.3		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*210*		*35 - 166*

Lab Sample ID: MB 885-11514/1-A
Matrix: Solid
Analysis Batch: 11650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11514

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/03/24 11:24	09/04/24 22:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*09/03/24 11:24*	*09/04/24 22:56*	*1*

Lab Sample ID: LCS 885-11514/2-A
Matrix: Solid
Analysis Batch: 11650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11514

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	25.6		mg/Kg		102	70 - 130		

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

Lab Sample ID: 885-10997-13 MS
Matrix: Solid
Analysis Batch: 11650

Client Sample ID: BH24-05@1
Prep Type: Total/NA
Prep Batch: 11514

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	27.6		mg/Kg		114	70 - 130		

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

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

Lab Sample ID: 885-10997-13 MS
Matrix: Solid
Analysis Batch: 11650

Client Sample ID: BH24-05@1
Prep Type: Total/NA
Prep Batch: 11514

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*224*		*35 - 166*

Lab Sample ID: 885-10997-13 MSD
Matrix: Solid
Analysis Batch: 11650

Client Sample ID: BH24-05@1
Prep Type: Total/NA
Prep Batch: 11514

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		24.6	25.4		mg/Kg		104	70 - 130	8	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*214*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-11505/1-A
Matrix: Solid
Analysis Batch: 11651

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11505

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 10:32	09/04/24 12:03	1
Ethylbenzene	ND		0.050		mg/Kg		09/03/24 10:32	09/04/24 12:03	1
Toluene	ND		0.050		mg/Kg		09/03/24 10:32	09/04/24 12:03	1
Xylenes, Total	ND		0.10		mg/Kg		09/03/24 10:32	09/04/24 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*09/03/24 10:32*	*09/04/24 12:03*	*1*

Lab Sample ID: LCS 885-11505/3-A
Matrix: Solid
Analysis Batch: 11651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11505

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	1.05		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene			2.00	2.09		mg/Kg		104	70 - 130		
o-Xylene			1.00	1.04		mg/Kg		104	70 - 130		
Toluene			1.00	1.04		mg/Kg		104	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*

Lab Sample ID: MB 885-11514/1-A
Matrix: Solid
Analysis Batch: 11652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11514

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/03/24 11:24	09/04/24 22:56	1

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

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

Lab Sample ID: MB 885-11514/1-A
Matrix: Solid
Analysis Batch: 11652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11514

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.050		mg/Kg		09/03/24 11:24	09/04/24 22:56	1
Toluene	ND		0.050		mg/Kg		09/03/24 11:24	09/04/24 22:56	1
Xylenes, Total	ND		0.10		mg/Kg		09/03/24 11:24	09/04/24 22:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*09/03/24 11:24*	*09/04/24 22:56*	*1*

Lab Sample ID: LCS 885-11514/3-A
Matrix: Solid
Analysis Batch: 11652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11514

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.05		mg/Kg		105	70 - 130		
Ethylbenzene			1.00	1.07		mg/Kg		107	70 - 130		
m-Xylene & p-Xylene			2.00	2.11		mg/Kg		106	70 - 130		
o-Xylene			1.00	1.06		mg/Kg		106	70 - 130		
Toluene			1.00	1.07		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*

Lab Sample ID: 885-10997-14 MS
Matrix: Solid
Analysis Batch: 11652

Client Sample ID: BH24-05@2
Prep Type: Total/NA
Prep Batch: 11514

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.950	0.997		mg/Kg		105	70 - 130		
Ethylbenzene	ND		0.950	1.03		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	ND		1.90	2.03		mg/Kg		107	70 - 130		
o-Xylene	ND		0.950	1.02		mg/Kg		108	70 - 130		
Toluene	ND		0.950	1.02		mg/Kg		107	70 - 130		

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

Lab Sample ID: 885-10997-14 MSD
Matrix: Solid
Analysis Batch: 11652

Client Sample ID: BH24-05@2
Prep Type: Total/NA
Prep Batch: 11514

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.939	0.969		mg/Kg		103	70 - 130	3	20
Ethylbenzene	ND		0.939	1.01		mg/Kg		107	70 - 130	2	20
m-Xylene & p-Xylene	ND		1.88	1.99		mg/Kg		106	70 - 130	2	20
o-Xylene	ND		0.939	0.994		mg/Kg		106	70 - 130	3	20
Toluene	ND		0.939	1.00		mg/Kg		107	70 - 130	2	20

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

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

Lab Sample ID: 885-10997-14 MSD
Matrix: Solid
Analysis Batch: 11652

Client Sample ID: BH24-05@2
Prep Type: Total/NA
Prep Batch: 11514

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

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

Lab Sample ID: MB 885-11530/1-A
Matrix: Solid
Analysis Batch: 11503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11530

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/03/24 14:05	09/03/24 20:37	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/03/24 14:05	09/03/24 20:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*09/03/24 14:05*	*09/03/24 20:37*	*1*

Lab Sample ID: LCS 885-11530/2-A
Matrix: Solid
Analysis Batch: 11503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11530

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	45.9		mg/Kg		92	60 - 135		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*

Lab Sample ID: 885-10997-11 MS
Matrix: Solid
Analysis Batch: 11503

Client Sample ID: BH24-04@2
Prep Type: Total/NA
Prep Batch: 11530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.1	48.2		mg/Kg		100	44 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*

Lab Sample ID: 885-10997-11 MSD
Matrix: Solid
Analysis Batch: 11503

Client Sample ID: BH24-04@2
Prep Type: Total/NA
Prep Batch: 11530

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		49.5	57.7		mg/Kg		117	44 - 136	18	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	*121*		*62 - 134*

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

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

Lab Sample ID: MB 885-11535/1-A
Matrix: Solid
Analysis Batch: 11566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11535

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/03/24 15:02	09/04/24 11:10	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/03/24 15:02	09/04/24 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*09/03/24 15:02*	*09/04/24 11:10*	*1*

Lab Sample ID: LCS 885-11535/2-A
Matrix: Solid
Analysis Batch: 11566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11535

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	36.7		mg/Kg		73	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*

Lab Sample ID: 885-10997-23 MS
Matrix: Solid
Analysis Batch: 11566

Client Sample ID: BH24-08@2
Prep Type: Total/NA
Prep Batch: 11535

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		46.6	47.9		mg/Kg		103	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*

Lab Sample ID: 885-10997-23 MSD
Matrix: Solid
Analysis Batch: 11566

Client Sample ID: BH24-08@2
Prep Type: Total/NA
Prep Batch: 11535

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		49.2	49.4		mg/Kg		100	44 - 136	3	32

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

Lab Sample ID: MB 885-11567/1-A
Matrix: Solid
Analysis Batch: 11572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11567

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/04/24 09:27	09/04/24 19:17	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/04/24 09:27	09/04/24 19:17	1

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

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

Lab Sample ID: MB 885-11567/1-A
Matrix: Solid
Analysis Batch: 11572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11567

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*09/04/24 09:27*	*09/04/24 19:17*	*1*

Lab Sample ID: LCS 885-11567/2-A
Matrix: Solid
Analysis Batch: 11659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11567

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	60.0		mg/Kg		120	60 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-11573/1-A
Matrix: Solid
Analysis Batch: 11665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11573

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/04/24 09:50	09/04/24 11:40	1

Lab Sample ID: LCS 885-11573/2-A
Matrix: Solid
Analysis Batch: 11665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11573

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

Lab Sample ID: MB 885-11588/1-A
Matrix: Solid
Analysis Batch: 11665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11588

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/04/24 11:40	09/04/24 18:07	1

Lab Sample ID: LCS 885-11588/2-A
Matrix: Solid
Analysis Batch: 11665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11588

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	31.2		mg/Kg		104	90 - 110

Lab Sample ID: MB 885-11770/35
Matrix: Solid
Analysis Batch: 11770

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/Kg			09/05/24 21:00	1

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-11770/34
Matrix: Solid
Analysis Batch: 11770

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	0.526		mg/L		105	50 - 150		

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

GC VOA

Prep Batch: 11505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-1	BH24-01@1	Total/NA	Solid	5030C	
885-10997-2	BH24-01@2	Total/NA	Solid	5030C	
885-10997-3	BH24-01@4	Total/NA	Solid	5030C	
885-10997-4	BH24-02@1	Total/NA	Solid	5030C	
885-10997-5	BH24-02@2	Total/NA	Solid	5030C	
885-10997-6	BH24-02@4	Total/NA	Solid	5030C	
885-10997-7	BH24-03@1	Total/NA	Solid	5030C	
885-10997-8	BH24-03@2	Total/NA	Solid	5030C	
885-10997-9	BH24-03@4	Total/NA	Solid	5030C	
885-10997-10	BH24-04@1	Total/NA	Solid	5030C	
885-10997-11	BH24-04@2	Total/NA	Solid	5030C	
885-10997-12	BH24-04@4	Total/NA	Solid	5030C	
MB 885-11505/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-11505/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-11505/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 11514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-13	BH24-05@1	Total/NA	Solid	5030C	
885-10997-14	BH24-05@2	Total/NA	Solid	5030C	
885-10997-15	BH24-05@4	Total/NA	Solid	5030C	
885-10997-16	BH24-06@1	Total/NA	Solid	5030C	
885-10997-17	BH24-06@2	Total/NA	Solid	5030C	
885-10997-18	BH24-06@4	Total/NA	Solid	5030C	
885-10997-19	BH24-07@1	Total/NA	Solid	5030C	
885-10997-20	BH24-07@2	Total/NA	Solid	5030C	
885-10997-21	BH24-07@4	Total/NA	Solid	5030C	
885-10997-22	BH24-08@1	Total/NA	Solid	5030C	
885-10997-23	BH24-08@2	Total/NA	Solid	5030C	
885-10997-24	BH24-08@4	Total/NA	Solid	5030C	
MB 885-11514/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-11514/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-11514/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-10997-13 MS	BH24-05@1	Total/NA	Solid	5030C	
885-10997-13 MSD	BH24-05@1	Total/NA	Solid	5030C	
885-10997-14 MS	BH24-05@2	Total/NA	Solid	5030C	
885-10997-14 MSD	BH24-05@2	Total/NA	Solid	5030C	

Analysis Batch: 11649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-1	BH24-01@1	Total/NA	Solid	8015M/D	11505
885-10997-2	BH24-01@2	Total/NA	Solid	8015M/D	11505
885-10997-3	BH24-01@4	Total/NA	Solid	8015M/D	11505
885-10997-4	BH24-02@1	Total/NA	Solid	8015M/D	11505
885-10997-5	BH24-02@2	Total/NA	Solid	8015M/D	11505
885-10997-6	BH24-02@4	Total/NA	Solid	8015M/D	11505
885-10997-7	BH24-03@1	Total/NA	Solid	8015M/D	11505
885-10997-8	BH24-03@2	Total/NA	Solid	8015M/D	11505
885-10997-9	BH24-03@4	Total/NA	Solid	8015M/D	11505
885-10997-10	BH24-04@1	Total/NA	Solid	8015M/D	11505
885-10997-11	BH24-04@2	Total/NA	Solid	8015M/D	11505

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

GC VOA (Continued)

Analysis Batch: 11649 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-12	BH24-04@4	Total/NA	Solid	8015M/D	11505
MB 885-11505/1-A	Method Blank	Total/NA	Solid	8015M/D	11505
LCS 885-11505/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11505

Analysis Batch: 11650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-13	BH24-05@1	Total/NA	Solid	8015M/D	11514
885-10997-14	BH24-05@2	Total/NA	Solid	8015M/D	11514
885-10997-15	BH24-05@4	Total/NA	Solid	8015M/D	11514
885-10997-16	BH24-06@1	Total/NA	Solid	8015M/D	11514
885-10997-17	BH24-06@2	Total/NA	Solid	8015M/D	11514
885-10997-18	BH24-06@4	Total/NA	Solid	8015M/D	11514
885-10997-19	BH24-07@1	Total/NA	Solid	8015M/D	11514
885-10997-20	BH24-07@2	Total/NA	Solid	8015M/D	11514
885-10997-21	BH24-07@4	Total/NA	Solid	8015M/D	11514
885-10997-22	BH24-08@1	Total/NA	Solid	8015M/D	11514
885-10997-23	BH24-08@2	Total/NA	Solid	8015M/D	11514
885-10997-24	BH24-08@4	Total/NA	Solid	8015M/D	11514
MB 885-11514/1-A	Method Blank	Total/NA	Solid	8015M/D	11514
LCS 885-11514/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11514
885-10997-13 MS	BH24-05@1	Total/NA	Solid	8015M/D	11514
885-10997-13 MSD	BH24-05@1	Total/NA	Solid	8015M/D	11514

Analysis Batch: 11651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-1	BH24-01@1	Total/NA	Solid	8021B	11505
885-10997-2	BH24-01@2	Total/NA	Solid	8021B	11505
885-10997-3	BH24-01@4	Total/NA	Solid	8021B	11505
885-10997-4	BH24-02@1	Total/NA	Solid	8021B	11505
885-10997-5	BH24-02@2	Total/NA	Solid	8021B	11505
885-10997-6	BH24-02@4	Total/NA	Solid	8021B	11505
885-10997-7	BH24-03@1	Total/NA	Solid	8021B	11505
885-10997-8	BH24-03@2	Total/NA	Solid	8021B	11505
885-10997-9	BH24-03@4	Total/NA	Solid	8021B	11505
885-10997-10	BH24-04@1	Total/NA	Solid	8021B	11505
885-10997-11	BH24-04@2	Total/NA	Solid	8021B	11505
885-10997-12	BH24-04@4	Total/NA	Solid	8021B	11505
MB 885-11505/1-A	Method Blank	Total/NA	Solid	8021B	11505
LCS 885-11505/3-A	Lab Control Sample	Total/NA	Solid	8021B	11505

Analysis Batch: 11652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-13	BH24-05@1	Total/NA	Solid	8021B	11514
885-10997-14	BH24-05@2	Total/NA	Solid	8021B	11514
885-10997-15	BH24-05@4	Total/NA	Solid	8021B	11514
885-10997-16	BH24-06@1	Total/NA	Solid	8021B	11514
885-10997-17	BH24-06@2	Total/NA	Solid	8021B	11514
885-10997-18	BH24-06@4	Total/NA	Solid	8021B	11514
885-10997-19	BH24-07@1	Total/NA	Solid	8021B	11514
885-10997-20	BH24-07@2	Total/NA	Solid	8021B	11514
885-10997-21	BH24-07@4	Total/NA	Solid	8021B	11514

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

GC VOA (Continued)

Analysis Batch: 11652 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-22	BH24-08@1	Total/NA	Solid	8021B	11514
885-10997-23	BH24-08@2	Total/NA	Solid	8021B	11514
885-10997-24	BH24-08@4	Total/NA	Solid	8021B	11514
MB 885-11514/1-A	Method Blank	Total/NA	Solid	8021B	11514
LCS 885-11514/3-A	Lab Control Sample	Total/NA	Solid	8021B	11514
885-10997-14 MS	BH24-05@2	Total/NA	Solid	8021B	11514
885-10997-14 MSD	BH24-05@2	Total/NA	Solid	8021B	11514

GC Semi VOA

Analysis Batch: 11503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-1	BH24-01@1	Total/NA	Solid	8015M/D	11530
885-10997-2	BH24-01@2	Total/NA	Solid	8015M/D	11530
885-10997-3	BH24-01@4	Total/NA	Solid	8015M/D	11530
885-10997-4	BH24-02@1	Total/NA	Solid	8015M/D	11530
885-10997-5	BH24-02@2	Total/NA	Solid	8015M/D	11530
885-10997-6	BH24-02@4	Total/NA	Solid	8015M/D	11530
885-10997-7	BH24-03@1	Total/NA	Solid	8015M/D	11530
885-10997-8	BH24-03@2	Total/NA	Solid	8015M/D	11530
885-10997-9	BH24-03@4	Total/NA	Solid	8015M/D	11530
885-10997-10	BH24-04@1	Total/NA	Solid	8015M/D	11530
885-10997-11	BH24-04@2	Total/NA	Solid	8015M/D	11530
MB 885-11530/1-A	Method Blank	Total/NA	Solid	8015M/D	11530
LCS 885-11530/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11530
885-10997-11 MS	BH24-04@2	Total/NA	Solid	8015M/D	11530
885-10997-11 MSD	BH24-04@2	Total/NA	Solid	8015M/D	11530

Prep Batch: 11530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-1	BH24-01@1	Total/NA	Solid	SHAKE	
885-10997-2	BH24-01@2	Total/NA	Solid	SHAKE	
885-10997-3	BH24-01@4	Total/NA	Solid	SHAKE	
885-10997-4	BH24-02@1	Total/NA	Solid	SHAKE	
885-10997-5	BH24-02@2	Total/NA	Solid	SHAKE	
885-10997-6	BH24-02@4	Total/NA	Solid	SHAKE	
885-10997-7	BH24-03@1	Total/NA	Solid	SHAKE	
885-10997-8	BH24-03@2	Total/NA	Solid	SHAKE	
885-10997-9	BH24-03@4	Total/NA	Solid	SHAKE	
885-10997-10	BH24-04@1	Total/NA	Solid	SHAKE	
885-10997-11	BH24-04@2	Total/NA	Solid	SHAKE	
MB 885-11530/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11530/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10997-11 MS	BH24-04@2	Total/NA	Solid	SHAKE	
885-10997-11 MSD	BH24-04@2	Total/NA	Solid	SHAKE	

Prep Batch: 11535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-12	BH24-04@4	Total/NA	Solid	SHAKE	
885-10997-13	BH24-05@1	Total/NA	Solid	SHAKE	
885-10997-14	BH24-05@2	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

GC Semi VOA (Continued)

Prep Batch: 11535 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-15	BH24-05@4	Total/NA	Solid	SHAKE	
885-10997-16	BH24-06@1	Total/NA	Solid	SHAKE	
885-10997-17	BH24-06@2	Total/NA	Solid	SHAKE	
885-10997-18	BH24-06@4	Total/NA	Solid	SHAKE	
885-10997-19	BH24-07@1	Total/NA	Solid	SHAKE	
885-10997-20	BH24-07@2	Total/NA	Solid	SHAKE	
885-10997-21	BH24-07@4	Total/NA	Solid	SHAKE	
885-10997-22	BH24-08@1	Total/NA	Solid	SHAKE	
885-10997-23	BH24-08@2	Total/NA	Solid	SHAKE	
MB 885-11535/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11535/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10997-23 MS	BH24-08@2	Total/NA	Solid	SHAKE	
885-10997-23 MSD	BH24-08@2	Total/NA	Solid	SHAKE	

Analysis Batch: 11566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-12	BH24-04@4	Total/NA	Solid	8015M/D	11535
885-10997-13	BH24-05@1	Total/NA	Solid	8015M/D	11535
885-10997-14	BH24-05@2	Total/NA	Solid	8015M/D	11535
885-10997-15	BH24-05@4	Total/NA	Solid	8015M/D	11535
885-10997-16	BH24-06@1	Total/NA	Solid	8015M/D	11535
885-10997-17	BH24-06@2	Total/NA	Solid	8015M/D	11535
885-10997-18	BH24-06@4	Total/NA	Solid	8015M/D	11535
885-10997-19	BH24-07@1	Total/NA	Solid	8015M/D	11535
885-10997-20	BH24-07@2	Total/NA	Solid	8015M/D	11535
885-10997-21	BH24-07@4	Total/NA	Solid	8015M/D	11535
885-10997-22	BH24-08@1	Total/NA	Solid	8015M/D	11535
885-10997-23	BH24-08@2	Total/NA	Solid	8015M/D	11535
MB 885-11535/1-A	Method Blank	Total/NA	Solid	8015M/D	11535
LCS 885-11535/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11535
885-10997-23 MS	BH24-08@2	Total/NA	Solid	8015M/D	11535
885-10997-23 MSD	BH24-08@2	Total/NA	Solid	8015M/D	11535

Prep Batch: 11567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-24	BH24-08@4	Total/NA	Solid	SHAKE	
MB 885-11567/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11567/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 11572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-24	BH24-08@4	Total/NA	Solid	8015M/D	11567
MB 885-11567/1-A	Method Blank	Total/NA	Solid	8015M/D	11567

Analysis Batch: 11659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-11567/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11567

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

HPLC/IC

Prep Batch: 11573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-1	BH24-01@1	Total/NA	Solid	300_Prep	
885-10997-2	BH24-01@2	Total/NA	Solid	300_Prep	
885-10997-3	BH24-01@4	Total/NA	Solid	300_Prep	
885-10997-4	BH24-02@1	Total/NA	Solid	300_Prep	
885-10997-5	BH24-02@2	Total/NA	Solid	300_Prep	
885-10997-6	BH24-02@4	Total/NA	Solid	300_Prep	
MB 885-11573/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11573/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 11588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-7	BH24-03@1	Total/NA	Solid	300_Prep	
885-10997-8	BH24-03@2	Total/NA	Solid	300_Prep	
885-10997-9	BH24-03@4	Total/NA	Solid	300_Prep	
885-10997-10	BH24-04@1	Total/NA	Solid	300_Prep	
885-10997-11	BH24-04@2	Total/NA	Solid	300_Prep	
885-10997-12	BH24-04@4	Total/NA	Solid	300_Prep	
885-10997-13	BH24-05@1	Total/NA	Solid	300_Prep	
885-10997-14	BH24-05@2	Total/NA	Solid	300_Prep	
885-10997-15	BH24-05@4	Total/NA	Solid	300_Prep	
885-10997-16	BH24-06@1	Total/NA	Solid	300_Prep	
885-10997-17	BH24-06@2	Total/NA	Solid	300_Prep	
885-10997-18	BH24-06@4	Total/NA	Solid	300_Prep	
885-10997-19	BH24-07@1	Total/NA	Solid	300_Prep	
885-10997-20	BH24-07@2	Total/NA	Solid	300_Prep	
885-10997-21	BH24-07@4	Total/NA	Solid	300_Prep	
885-10997-22	BH24-08@1	Total/NA	Solid	300_Prep	
885-10997-23	BH24-08@2	Total/NA	Solid	300_Prep	
885-10997-24	BH24-08@4	Total/NA	Solid	300_Prep	
MB 885-11588/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11588/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 11665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-3	BH24-01@4	Total/NA	Solid	300.0	11573
885-10997-4	BH24-02@1	Total/NA	Solid	300.0	11573
885-10997-10	BH24-04@1	Total/NA	Solid	300.0	11588
885-10997-12	BH24-04@4	Total/NA	Solid	300.0	11588
885-10997-15	BH24-05@4	Total/NA	Solid	300.0	11588
885-10997-16	BH24-06@1	Total/NA	Solid	300.0	11588
885-10997-17	BH24-06@2	Total/NA	Solid	300.0	11588
885-10997-18	BH24-06@4	Total/NA	Solid	300.0	11588
885-10997-19	BH24-07@1	Total/NA	Solid	300.0	11588
885-10997-20	BH24-07@2	Total/NA	Solid	300.0	11588
885-10997-21	BH24-07@4	Total/NA	Solid	300.0	11588
885-10997-24	BH24-08@4	Total/NA	Solid	300.0	11588
MB 885-11573/1-A	Method Blank	Total/NA	Solid	300.0	11573
MB 885-11588/1-A	Method Blank	Total/NA	Solid	300.0	11588
LCS 885-11573/2-A	Lab Control Sample	Total/NA	Solid	300.0	11573
LCS 885-11588/2-A	Lab Control Sample	Total/NA	Solid	300.0	11588

QC Association Summary

Client: Vertex
Job ID: 885-10997-1
Project/Site: White Dove 17 CTB 3

HPLC/IC

Analysis Batch: 11770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10997-1	BH24-01@1	Total/NA	Solid	300.0	11573
885-10997-2	BH24-01@2	Total/NA	Solid	300.0	11573
885-10997-5	BH24-02@2	Total/NA	Solid	300.0	11573
885-10997-6	BH24-02@4	Total/NA	Solid	300.0	11573
885-10997-7	BH24-03@1	Total/NA	Solid	300.0	11588
885-10997-8	BH24-03@2	Total/NA	Solid	300.0	11588
885-10997-9	BH24-03@4	Total/NA	Solid	300.0	11588
885-10997-11	BH24-04@2	Total/NA	Solid	300.0	11588
885-10997-13	BH24-05@1	Total/NA	Solid	300.0	11588
885-10997-14	BH24-05@2	Total/NA	Solid	300.0	11588
885-10997-22	BH24-08@1	Total/NA	Solid	300.0	11588
885-10997-23	BH24-08@2	Total/NA	Solid	300.0	11588
MB 885-11770/35	Method Blank	Total/NA	Solid	300.0	
MRL 885-11770/34	Lab Control Sample	Total/NA	Solid	300.0	

Lab Chronicle

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-01@1

Lab Sample ID: 885-10997-1

Date Collected: 08/26/24 10:32
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 16:46
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 16:46
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/03/24 23:35
Total/NA	Prep	300_Prep			11573	EH	EET ALB	09/04/24 09:50
Total/NA	Analysis	300.0		50	11770	JT	EET ALB	09/05/24 16:57

Client Sample ID: BH24-01@2

Lab Sample ID: 885-10997-2

Date Collected: 08/26/24 10:37
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 17:08
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 17:08
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/03/24 23:49
Total/NA	Prep	300_Prep			11573	EH	EET ALB	09/04/24 09:50
Total/NA	Analysis	300.0		50	11770	JT	EET ALB	09/05/24 17:12

Client Sample ID: BH24-01@4

Lab Sample ID: 885-10997-3

Date Collected: 08/26/24 10:40
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 17:52
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 17:52
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 00:03
Total/NA	Prep	300_Prep			11573	EH	EET ALB	09/04/24 09:50
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 17:15

Client Sample ID: BH24-02@1

Lab Sample ID: 885-10997-4

Date Collected: 08/26/24 10:43
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 18:13

Lab Chronicle

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-02@1

Lab Sample ID: 885-10997-4
Matrix: Solid
Date Collected: 08/26/24 10:43
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 18:13
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 00:17
Total/NA	Prep	300_Prep			11573	EH	EET ALB	09/04/24 09:50
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 17:28

Client Sample ID: BH24-02@2

Lab Sample ID: 885-10997-5
Matrix: Solid
Date Collected: 08/26/24 10:45
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 18:35
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 18:35
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 00:30
Total/NA	Prep	300_Prep			11573	EH	EET ALB	09/04/24 09:50
Total/NA	Analysis	300.0		50	11770	JT	EET ALB	09/05/24 17:28

Client Sample ID: BH24-02@4

Lab Sample ID: 885-10997-6
Matrix: Solid
Date Collected: 08/26/24 10:48
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 18:57
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 18:57
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 00:44
Total/NA	Prep	300_Prep			11573	EH	EET ALB	09/04/24 09:50
Total/NA	Analysis	300.0		50	11770	JT	EET ALB	09/05/24 17:43

Client Sample ID: BH24-03@1

Lab Sample ID: 885-10997-7
Matrix: Solid
Date Collected: 08/26/24 10:54
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 19:19
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 19:19

Lab Chronicle

Client: Vertex
Job ID: 885-10997-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH24-03@1
Lab Sample ID: 885-10997-7
Date Collected: 08/26/24 10:54
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 01:11
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		50	11770	JT	EET ALB	09/05/24 17:58

Client Sample ID: BH24-03@2
Lab Sample ID: 885-10997-8
Date Collected: 08/26/24 11:02
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 19:41
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 19:41
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 01:25
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		50	11770	JT	EET ALB	09/05/24 18:13

Client Sample ID: BH24-03@4
Lab Sample ID: 885-10997-9
Date Collected: 08/26/24 11:07
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 20:02
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 20:02
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 01:39
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		50	11770	JT	EET ALB	09/05/24 18:58

Client Sample ID: BH24-04@1
Lab Sample ID: 885-10997-10
Date Collected: 08/26/24 11:18
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 20:24
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 20:24
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 01:52

Lab Chronicle

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-04@1

Lab Sample ID: 885-10997-10

Date Collected: 08/26/24 11:18
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 20:03

Client Sample ID: BH24-04@2

Lab Sample ID: 885-10997-11

Date Collected: 08/26/24 11:21
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 20:46
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 20:46
Total/NA	Prep	SHAKE			11530	KR	EET ALB	09/03/24 14:05
Total/NA	Analysis	8015M/D		1	11503	KR	EET ALB	09/04/24 02:06
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		50	11770	JT	EET ALB	09/05/24 19:14

Client Sample ID: BH24-04@4

Lab Sample ID: 885-10997-12

Date Collected: 08/26/24 11:24
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8015M/D		1	11649	AT	EET ALB	09/04/24 21:08
Total/NA	Prep	5030C			11505	JP	EET ALB	09/03/24 10:32
Total/NA	Analysis	8021B		1	11651	AT	EET ALB	09/04/24 21:08
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 13:08
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 20:28

Client Sample ID: BH24-05@1

Lab Sample ID: 885-10997-13

Date Collected: 08/26/24 11:35
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/04/24 23:18
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/04/24 23:18
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 13:19
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		500	11770	JT	EET ALB	09/05/24 19:29

Lab Chronicle

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-05@2

Lab Sample ID: 885-10997-14

Date Collected: 08/26/24 11:40
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 00:23
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 00:23
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 13:29
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		100	11770	JT	EET ALB	09/05/24 19:44

Client Sample ID: BH24-05@4

Lab Sample ID: 885-10997-15

Date Collected: 08/26/24 11:44
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 01:28
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 01:28
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 13:40
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 21:07

Client Sample ID: BH24-06@1

Lab Sample ID: 885-10997-16

Date Collected: 08/26/24 11:47
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 01:50
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 01:50
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 13:51
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 21:20

Client Sample ID: BH24-06@2

Lab Sample ID: 885-10997-17

Date Collected: 08/26/24 11:53
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 02:12

Lab Chronicle

Client: Vertex
Job ID: 885-10997-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH24-06@2
Lab Sample ID: 885-10997-17
Date Collected: 08/26/24 11:53
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 02:12
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 14:02
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 21:58

Client Sample ID: BH24-06@4
Lab Sample ID: 885-10997-18
Date Collected: 08/26/24 11:57
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 02:33
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 02:33
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 14:12
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 22:37

Client Sample ID: BH24-07@1
Lab Sample ID: 885-10997-19
Date Collected: 08/26/24 12:05
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 02:55
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 02:55
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 14:23
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 22:50

Client Sample ID: BH24-07@2
Lab Sample ID: 885-10997-20
Date Collected: 08/26/24 12:10
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 03:17
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 03:17

Lab Chronicle

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-10997-1

Client Sample ID: BH24-07@2

Lab Sample ID: 885-10997-20
Matrix: Solid
Date Collected: 08/26/24 12:10
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 14:34
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 23:03

Client Sample ID: BH24-07@4

Lab Sample ID: 885-10997-21
Matrix: Solid
Date Collected: 08/26/24 12:15
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 03:39
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 03:39
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 14:45
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 23:16

Client Sample ID: BH24-08@1

Lab Sample ID: 885-10997-22
Matrix: Solid
Date Collected: 08/26/24 12:24
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 04:00
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 04:00
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 14:56
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		100	11770	JT	EET ALB	09/05/24 19:59

Client Sample ID: BH24-08@2

Lab Sample ID: 885-10997-23
Matrix: Solid
Date Collected: 08/26/24 12:29
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 04:44
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 04:44
Total/NA	Prep	SHAKE			11535	EM	EET ALB	09/03/24 15:02
Total/NA	Analysis	8015M/D		1	11566	EM	EET ALB	09/04/24 15:07

Lab Chronicle

Client: Vertex
Job ID: 885-10997-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH24-08@2
Lab Sample ID: 885-10997-23
Date Collected: 08/26/24 12:29
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		200	11770	JT	EET ALB	09/05/24 20:14

Client Sample ID: BH24-08@4
Lab Sample ID: 885-10997-24
Date Collected: 08/26/24 12:34
Matrix: Solid
Date Received: 08/31/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8015M/D		1	11650	AT	EET ALB	09/05/24 05:06
Total/NA	Prep	5030C			11514	JP	EET ALB	09/03/24 11:24
Total/NA	Analysis	8021B		1	11652	AT	EET ALB	09/05/24 05:06
Total/NA	Prep	SHAKE			11567	KR	EET ALB	09/04/24 09:27
Total/NA	Analysis	8015M/D		1	11572	KR	EET ALB	09/04/24 20:05
Total/NA	Prep	300_Prep			11588	EH	EET ALB	09/04/24 11:40
Total/NA	Analysis	300.0		20	11665	JT	EET ALB	09/04/24 23:54

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-10997-1
Project/Site: White Dove 17 CTB 3

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

Chain-of-Custody Record

Client: Vertex (Bill to Devon)

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 5 Days

Project Name: White dove 17 CTB 3

Project #: 24E-03262

Project Manager: Chad Hensley
cHensley@vertexresource.com
R. Prosser@vertexresource.com

Sampler: R. Prosser

On Ice: ☑ Yes ☐ No yogi

# of Coolers: 1

Cooler Temp(including CF): 5.4 ±0 = 5.4 (°C)

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

885-10997 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.26.24	10:32		BH24-01 @ 1	4oz Jar	Ice	1	X	X					X			
	10:37		01 @ 2			2										
	10:40		01 @ 4			3										
	10:43		02 @ 1			4										
	10:45		02 @ 2			5										
	10:48		02 @ 4			6										
	10:54		03 @ 1			7										
	11:02		03 @ 2			8										
	11:07		03 @ 4			9										
	11:18		04 @ 1			10										
	11:21		04 @ 2			11										
	11:24		04 @ 4			12										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/27/24	915	R. Prosser			8/30/24	915
8/30/24	1900			courier	8/31/24	9:30

Remarks:
WO# 213637778

Dale Woodall
Incident # nAPP2417440880

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

Chain-of-Custody Record

Client: Vertex (Bill to Devon)

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 5 Days

Project Name: White Dove 17 CTB 3

Project #: 24E-03262

Project Manager: Chad Hensley
CHensley@vertexresource.com
RPlogger@vertexresource.com

Sampler: RPlogger

On Ice: ☑ Yes ☐ No 4.0g

# of Coolers: 1

Cooler Temp(including CF): 5.4 +0 = 5.4 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8.26.24	11:35	soil	BH24-05 @ 1	4oz jar	Ice	13	X	X					X			
	11:40		05 @ 2			14										
	11:44		05 @ 4			15										
	11:47		06 @ 1			16										
	11:53		06 @ 2			17										
	11:57		06 @ 4			18										
	12:05		07 @ 1			19										
	12:10		07 @ 2			20										
	12:15		07 @ 4			21										
	12:24		08 @ 1			22										
	12:29		08 @ 2			23										
	12:34		08 @ 4			24										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/30/24	915	R. Plosser			8/30/24	915
8/30/24	1900			courier	8/31/24	9:30

Remarks:

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: 885-10997-1

Login Number: 10997 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/21/2025 10:18:40 AM

JOB DESCRIPTION

White Dove 17 CTB 3

JOB NUMBER

885-19961-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
2/21/2025 10:18:40 AM

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

Client: Vertex
Project/Site: White Dove 17 CTB 3

Laboratory Job ID: 885-19961-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-19961-1
Project/Site: White Dove 17 CTB 3

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: White Dove 17 CTB 3

Job ID: 885-19961-1

Job ID: 885-19961-1 Eurofins Albuquerque

Job Narrative
885-19961-1

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 2/14/2025 7:42 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 3.4°C.

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

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

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

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

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-09 0'

Date Collected: 02/11/25 09:30
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		02/14/25 14:56	02/17/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*02/14/25 14:56*	*02/17/25 23:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/14/25 14:56	02/17/25 23:39	1
Ethylbenzene	ND		0.050		mg/Kg		02/14/25 14:56	02/17/25 23:39	1
Toluene	ND		0.050		mg/Kg		02/14/25 14:56	02/17/25 23:39	1
Xylenes, Total	ND		0.099		mg/Kg		02/14/25 14:56	02/17/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*02/14/25 14:56*	*02/17/25 23:39*	*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		9.7		mg/Kg		02/17/25 11:59	02/18/25 01:37	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/17/25 11:59	02/18/25 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*02/17/25 11:59*	*02/18/25 01:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1900**		60		mg/Kg		02/17/25 09:09	02/17/25 12:10	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-09 2'

Date Collected: 02/11/25 09:40
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-2

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		02/14/25 14:56	02/18/25 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*02/14/25 14:56*	*02/18/25 00:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/14/25 14:56	02/18/25 00:45	1
Ethylbenzene	ND		0.050		mg/Kg		02/14/25 14:56	02/18/25 00:45	1
Toluene	ND		0.050		mg/Kg		02/14/25 14:56	02/18/25 00:45	1
Xylenes, Total	ND		0.10		mg/Kg		02/14/25 14:56	02/18/25 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/14/25 14:56*	*02/18/25 00:45*	*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		9.6		mg/Kg		02/17/25 11:59	02/18/25 02:00	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/17/25 11:59	02/18/25 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*02/17/25 11:59*	*02/18/25 02:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 12:51	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-09 4'

Date Collected: 02/11/25 09:50
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-3

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		4.6		mg/Kg		02/14/25 14:56	02/18/25 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*02/14/25 14:56*	*02/18/25 01:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		02/14/25 14:56	02/18/25 01:50	1
Ethylbenzene	ND		0.046		mg/Kg		02/14/25 14:56	02/18/25 01:50	1
Toluene	ND		0.046		mg/Kg		02/14/25 14:56	02/18/25 01:50	1
Xylenes, Total	ND		0.092		mg/Kg		02/14/25 14:56	02/18/25 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*02/14/25 14:56*	*02/18/25 01:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		02/17/25 11:59	02/18/25 02:24	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/17/25 11:59	02/18/25 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*02/17/25 11:59*	*02/18/25 02:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		60		mg/Kg		02/17/25 09:09	02/17/25 13:32	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-10 0'

Date Collected: 02/11/25 10:00
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-4

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		4.8		mg/Kg		02/14/25 14:56	02/18/25 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*02/14/25 14:56*	*02/18/25 02:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 02:12	1
Ethylbenzene	ND		0.048		mg/Kg		02/14/25 14:56	02/18/25 02:12	1
Toluene	ND		0.048		mg/Kg		02/14/25 14:56	02/18/25 02:12	1
Xylenes, Total	ND		0.097		mg/Kg		02/14/25 14:56	02/18/25 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*02/14/25 14:56*	*02/18/25 02:12*	*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		9.2		mg/Kg		02/17/25 11:59	02/18/25 02:47	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		02/17/25 11:59	02/18/25 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*02/17/25 11:59*	*02/18/25 02:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 13:46	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-10 2'

Date Collected: 02/11/25 10:10
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-5
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		02/14/25 14:56	02/18/25 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*35 - 166*	*02/14/25 14:56*	*02/18/25 02:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 02:34	1
Ethylbenzene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 02:34	1
Toluene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 02:34	1
Xylenes, Total	ND		0.095		mg/Kg		02/14/25 14:56	02/18/25 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/14/25 14:56*	*02/18/25 02:34*	*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		9.7		mg/Kg		02/17/25 11:59	02/18/25 03:11	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/17/25 11:59	02/18/25 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*02/17/25 11:59*	*02/18/25 03:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		59		mg/Kg		02/17/25 09:09	02/17/25 14:33	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-10 4'

Date Collected: 02/11/25 10:20
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-6

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		4.7		mg/Kg		02/14/25 14:56	02/18/25 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*02/14/25 14:56*	*02/18/25 02:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 02:55	1
Ethylbenzene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 02:55	1
Toluene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 02:55	1
Xylenes, Total	ND		0.095		mg/Kg		02/14/25 14:56	02/18/25 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*02/14/25 14:56*	*02/18/25 02:55*	*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		10		mg/Kg		02/17/25 11:59	02/18/25 03:34	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		02/17/25 11:59	02/18/25 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*02/17/25 11:59*	*02/18/25 03:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 14:46	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-11 0'

Date Collected: 02/11/25 10:30
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-7

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		02/14/25 14:56	02/18/25 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*02/14/25 14:56*	*02/18/25 03:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		02/14/25 14:56	02/18/25 03:17	1
Ethylbenzene	ND		0.046		mg/Kg		02/14/25 14:56	02/18/25 03:17	1
Toluene	ND		0.046		mg/Kg		02/14/25 14:56	02/18/25 03:17	1
Xylenes, Total	ND		0.093		mg/Kg		02/14/25 14:56	02/18/25 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*02/14/25 14:56*	*02/18/25 03:17*	*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		02/17/25 11:59	02/18/25 03:57	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/17/25 11:59	02/18/25 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*02/17/25 11:59*	*02/18/25 03:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 15:00	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-11 2'

Date Collected: 02/11/25 10:40
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		02/14/25 14:56	02/18/25 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*02/14/25 14:56*	*02/18/25 03:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 03:39	1
Ethylbenzene	ND		0.048		mg/Kg		02/14/25 14:56	02/18/25 03:39	1
Toluene	ND		0.048		mg/Kg		02/14/25 14:56	02/18/25 03:39	1
Xylenes, Total	ND		0.095		mg/Kg		02/14/25 14:56	02/18/25 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/14/25 14:56*	*02/18/25 03:39*	*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		9.1		mg/Kg		02/17/25 11:59	02/18/25 04:21	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		02/17/25 11:59	02/18/25 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*02/17/25 11:59*	*02/18/25 04:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 15:13	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-11 4'

Date Collected: 02/11/25 10:50
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		02/14/25 14:56	02/18/25 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*02/14/25 14:56*	*02/18/25 04:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 04:01	1
Ethylbenzene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 04:01	1
Toluene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 04:01	1
Xylenes, Total	ND		0.094		mg/Kg		02/14/25 14:56	02/18/25 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*02/14/25 14:56*	*02/18/25 04:01*	*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		9.5		mg/Kg		02/17/25 11:59	02/18/25 04:44	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		02/17/25 11:59	02/18/25 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*02/17/25 11:59*	*02/18/25 04:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 15:27	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-12 0'

Date Collected: 02/11/25 11:00
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-10

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		02/14/25 14:56	02/18/25 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*02/14/25 14:56*	*02/18/25 04:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 04:23	1
Ethylbenzene	ND		0.049		mg/Kg		02/14/25 14:56	02/18/25 04:23	1
Toluene	ND		0.049		mg/Kg		02/14/25 14:56	02/18/25 04:23	1
Xylenes, Total	ND		0.098		mg/Kg		02/14/25 14:56	02/18/25 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*02/14/25 14:56*	*02/18/25 04:23*	*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		02/17/25 11:59	02/18/25 05:08	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/17/25 11:59	02/18/25 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*02/17/25 11:59*	*02/18/25 05:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 15:41	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-12 2'

Date Collected: 02/11/25 11:10
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-11

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		02/14/25 14:56	02/18/25 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*35 - 166*	*02/14/25 14:56*	*02/18/25 05:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 05:06	1
Ethylbenzene	ND		0.049		mg/Kg		02/14/25 14:56	02/18/25 05:06	1
Toluene	ND		0.049		mg/Kg		02/14/25 14:56	02/18/25 05:06	1
Xylenes, Total	ND		0.097		mg/Kg		02/14/25 14:56	02/18/25 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/14/25 14:56*	*02/18/25 05:06*	*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		9.7		mg/Kg		02/17/25 11:59	02/18/25 05:54	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/17/25 11:59	02/18/25 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*02/17/25 11:59*	*02/18/25 05:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 15:54	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-12 4'

Date Collected: 02/11/25 11:20
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-12

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		02/14/25 14:56	02/18/25 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*02/14/25 14:56*	*02/18/25 05:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 05:28	1
Ethylbenzene	ND		0.049		mg/Kg		02/14/25 14:56	02/18/25 05:28	1
Toluene	ND		0.049		mg/Kg		02/14/25 14:56	02/18/25 05:28	1
Xylenes, Total	ND		0.098		mg/Kg		02/14/25 14:56	02/18/25 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*02/14/25 14:56*	*02/18/25 05:28*	*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]	**11**		9.4		mg/Kg		02/17/25 11:59	02/18/25 06:18	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		02/17/25 11:59	02/18/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*02/17/25 11:59*	*02/18/25 06:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 16:08	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-13 0'

Date Collected: 02/11/25 11:30
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-13

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		02/14/25 14:56	02/18/25 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*02/14/25 14:56*	*02/18/25 05:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		02/14/25 14:56	02/18/25 05:50	1
Ethylbenzene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 05:50	1
Toluene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 05:50	1
Xylenes, Total	ND		0.094		mg/Kg		02/14/25 14:56	02/18/25 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*02/14/25 14:56*	*02/18/25 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]	ND		10		mg/Kg		02/17/25 11:59	02/18/25 06:41	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		02/17/25 11:59	02/18/25 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*02/17/25 11:59*	*02/18/25 06:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 16:22	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-13 2'

Date Collected: 02/11/25 11:40
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-14

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		4.9		mg/Kg		02/14/25 14:56	02/18/25 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*35 - 166*	*02/14/25 14:56*	*02/18/25 06:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/14/25 14:56	02/18/25 06:12	1
Ethylbenzene	ND		0.049		mg/Kg		02/14/25 14:56	02/18/25 06:12	1
Toluene	ND		0.049		mg/Kg		02/14/25 14:56	02/18/25 06:12	1
Xylenes, Total	ND		0.099		mg/Kg		02/14/25 14:56	02/18/25 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/14/25 14:56*	*02/18/25 06:12*	*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		9.4		mg/Kg		02/17/25 11:59	02/18/25 07:04	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		02/17/25 11:59	02/18/25 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*02/17/25 11:59*	*02/18/25 07:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77**		60		mg/Kg		02/17/25 09:09	02/17/25 16:35	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-13 4'

Date Collected: 02/11/25 11:50
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-15

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		5.0		mg/Kg		02/14/25 14:56	02/18/25 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*02/14/25 14:56*	*02/18/25 06:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/14/25 14:56	02/18/25 06:34	1
Ethylbenzene	ND		0.050		mg/Kg		02/14/25 14:56	02/18/25 06:34	1
Toluene	ND		0.050		mg/Kg		02/14/25 14:56	02/18/25 06:34	1
Xylenes, Total	ND		0.099		mg/Kg		02/14/25 14:56	02/18/25 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*02/14/25 14:56*	*02/18/25 06:34*	*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		9.6		mg/Kg		02/17/25 11:59	02/18/25 07:28	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/17/25 11:59	02/18/25 07:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*02/17/25 11:59*	*02/18/25 07:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 17:16	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-14 0'

Date Collected: 02/11/25 12:00
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-16

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		4.7		mg/Kg		02/14/25 14:56	02/18/25 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*02/14/25 14:56*	*02/18/25 06:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 06:55	1
Ethylbenzene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 06:55	1
Toluene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 06:55	1
Xylenes, Total	ND		0.095		mg/Kg		02/14/25 14:56	02/18/25 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*02/14/25 14:56*	*02/18/25 06:55*	*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		9.8		mg/Kg		02/17/25 11:59	02/18/25 07:51	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/17/25 11:59	02/18/25 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*02/17/25 11:59*	*02/18/25 07:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 17:30	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-14 2'

Date Collected: 02/11/25 12:10
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-17

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		02/14/25 14:56	02/18/25 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*02/14/25 14:56*	*02/18/25 07:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 07:17	1
Ethylbenzene	ND		0.048		mg/Kg		02/14/25 14:56	02/18/25 07:17	1
Toluene	ND		0.048		mg/Kg		02/14/25 14:56	02/18/25 07:17	1
Xylenes, Total	ND		0.096		mg/Kg		02/14/25 14:56	02/18/25 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*48 - 145*	*02/14/25 14:56*	*02/18/25 07:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		02/17/25 11:59	02/18/25 08:14	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/17/25 11:59	02/18/25 08:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*02/17/25 11:59*	*02/18/25 08:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 17:43	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-14 4'

Date Collected: 02/11/25 12:20
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-18

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		02/14/25 14:56	02/18/25 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*35 - 166*	*02/14/25 14:56*	*02/18/25 07:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		02/14/25 14:56	02/18/25 07:39	1
Ethylbenzene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 07:39	1
Toluene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 07:39	1
Xylenes, Total	ND		0.094		mg/Kg		02/14/25 14:56	02/18/25 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*02/14/25 14:56*	*02/18/25 07:39*	*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		9.6		mg/Kg		02/17/25 11:59	02/18/25 08:38	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/17/25 11:59	02/18/25 08:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*02/17/25 11:59*	*02/18/25 08:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/17/25 09:09	02/17/25 17:57	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH24-02 5'

Date Collected: 02/11/25 12:30
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-19

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		02/14/25 14:56	02/18/25 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*35 - 166*	*02/14/25 14:56*	*02/18/25 08:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		02/14/25 14:56	02/18/25 08:01	1
Ethylbenzene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 08:01	1
Toluene	ND		0.047		mg/Kg		02/14/25 14:56	02/18/25 08:01	1
Xylenes, Total	ND		0.093		mg/Kg		02/14/25 14:56	02/18/25 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*02/14/25 14:56*	*02/18/25 08:01*	*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		9.5		mg/Kg		02/17/25 11:59	02/18/25 09:01	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		02/17/25 11:59	02/18/25 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*02/17/25 11:59*	*02/18/25 09:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2700**		150		mg/Kg		02/17/25 09:09	02/19/25 16:15	50

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH24-03 5'

Date Collected: 02/11/25 12:40
Date Received: 02/14/25 07:42

Lab Sample ID: 885-19961-20

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		4.8		mg/Kg		02/14/25 14:56	02/18/25 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*02/14/25 14:56*	*02/18/25 08:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/14/25 14:56	02/18/25 08:23	1
Ethylbenzene	ND		0.048		mg/Kg		02/14/25 14:56	02/18/25 08:23	1
Toluene	ND		0.048		mg/Kg		02/14/25 14:56	02/18/25 08:23	1
Xylenes, Total	ND		0.096		mg/Kg		02/14/25 14:56	02/18/25 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*02/14/25 14:56*	*02/18/25 08:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		02/17/25 11:59	02/18/25 09:25	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		02/17/25 11:59	02/18/25 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*02/17/25 11:59*	*02/18/25 09:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**980**		60		mg/Kg		02/17/25 09:09	02/17/25 18:24	20

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

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

Lab Sample ID: MB 885-20871/1-A
Matrix: Solid
Analysis Batch: 21003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20871

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		02/14/25 14:56	02/17/25 23:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*02/14/25 14:56*	*02/17/25 23:17*	*1*

Lab Sample ID: LCS 885-20871/2-A
Matrix: Solid
Analysis Batch: 21003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20871

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	23.4		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*		*35 - 166*

Lab Sample ID: 885-19961-1 MS
Matrix: Solid
Analysis Batch: 21003

Client Sample ID: BH25-09 0'
Prep Type: Total/NA
Prep Batch: 20871

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	20.7		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*199*		*35 - 166*

Lab Sample ID: 885-19961-1 MSD
Matrix: Solid
Analysis Batch: 21003

Client Sample ID: BH25-09 0'
Prep Type: Total/NA
Prep Batch: 20871

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		24.8	21.3		mg/Kg		86	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*194*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-20871/1-A
Matrix: Solid
Analysis Batch: 21002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20871

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/14/25 14:56	02/17/25 23:17	1
Ethylbenzene	ND		0.050		mg/Kg		02/14/25 14:56	02/17/25 23:17	1
Toluene	ND		0.050		mg/Kg		02/14/25 14:56	02/17/25 23:17	1

QC Sample Results

Client: Vertex

Job ID: 885-19961-1

Project/Site: White Dove 17 CTB 3

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

Lab Sample ID: MB 885-20871/1-A
Matrix: Solid
Analysis Batch: 21002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20871

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		02/14/25 14:56	02/17/25 23:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*02/14/25 14:56*	*02/17/25 23:17*	*1*

Lab Sample ID: LCS 885-20871/3-A
Matrix: Solid
Analysis Batch: 21002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20871

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	0.970		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene			2.00	1.92		mg/Kg		96	70 - 130		
o-Xylene			1.00	0.956		mg/Kg		96	70 - 130		
Toluene			1.00	0.967		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*

Lab Sample ID: 885-19961-2 MS
Matrix: Solid
Analysis Batch: 21002

Client Sample ID: BH25-09 2'
Prep Type: Total/NA
Prep Batch: 20871

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.995	0.958		mg/Kg		96	70 - 130		
Ethylbenzene	ND		0.995	0.951		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene	ND		1.99	1.93		mg/Kg		97	70 - 130		
o-Xylene	ND		0.995	0.942		mg/Kg		95	70 - 130		
Toluene	ND		0.995	0.956		mg/Kg		96	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*

Lab Sample ID: 885-19961-2 MSD
Matrix: Solid
Analysis Batch: 21002

Client Sample ID: BH25-09 2'
Prep Type: Total/NA
Prep Batch: 20871

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.990	0.946		mg/Kg		96	70 - 130	1	20
Ethylbenzene	ND		0.990	0.952		mg/Kg		96	70 - 130	0	20
m-Xylene & p-Xylene	ND		1.98	1.86		mg/Kg		94	70 - 130	4	20
o-Xylene	ND		0.990	0.911		mg/Kg		92	70 - 130	3	20
Toluene	ND		0.990	0.945		mg/Kg		95	70 - 130	1	20

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

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

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

Lab Sample ID: MB 885-20932/1-A
Matrix: Solid
Analysis Batch: 20908

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20932

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		02/17/25 11:59	02/18/25 00:50	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		02/17/25 11:59	02/18/25 00:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*02/17/25 11:59*	*02/18/25 00:50*	*1*

Lab Sample ID: LCS 885-20932/2-A
Matrix: Solid
Analysis Batch: 20908

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20932

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	48.3		mg/Kg		97	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*

Lab Sample ID: 885-19961-20 MS
Matrix: Solid
Analysis Batch: 20908

Client Sample ID: BH24-03 5'
Prep Type: Total/NA
Prep Batch: 20932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.6	43.7		mg/Kg		90	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*

Lab Sample ID: 885-19961-20 MSD
Matrix: Solid
Analysis Batch: 20908

Client Sample ID: BH24-03 5'
Prep Type: Total/NA
Prep Batch: 20932

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		49.0	45.8		mg/Kg		94	44 - 136	5	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-20907/1-A
Matrix: Solid
Analysis Batch: 20922

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20907

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		02/17/25 09:09	02/17/25 11:28	1

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-20907/2-A
Matrix: Solid
Analysis Batch: 20922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20907

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	28.6		mg/Kg		95	90 - 110

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

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

GC VOA

Prep Batch: 20871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-1	BH25-09 0'	Total/NA	Solid	5030C	
885-19961-2	BH25-09 2'	Total/NA	Solid	5030C	
885-19961-3	BH25-09 4'	Total/NA	Solid	5030C	
885-19961-4	BH25-10 0'	Total/NA	Solid	5030C	
885-19961-5	BH25-10 2'	Total/NA	Solid	5030C	
885-19961-6	BH25-10 4'	Total/NA	Solid	5030C	
885-19961-7	BH25-11 0'	Total/NA	Solid	5030C	
885-19961-8	BH25-11 2'	Total/NA	Solid	5030C	
885-19961-9	BH25-11 4'	Total/NA	Solid	5030C	
885-19961-10	BH25-12 0'	Total/NA	Solid	5030C	
885-19961-11	BH25-12 2'	Total/NA	Solid	5030C	
885-19961-12	BH25-12 4'	Total/NA	Solid	5030C	
885-19961-13	BH25-13 0'	Total/NA	Solid	5030C	
885-19961-14	BH25-13 2'	Total/NA	Solid	5030C	
885-19961-15	BH25-13 4'	Total/NA	Solid	5030C	
885-19961-16	BH25-14 0'	Total/NA	Solid	5030C	
885-19961-17	BH25-14 2'	Total/NA	Solid	5030C	
885-19961-18	BH25-14 4'	Total/NA	Solid	5030C	
885-19961-19	BH24-02 5'	Total/NA	Solid	5030C	
885-19961-20	BH24-03 5'	Total/NA	Solid	5030C	
MB 885-20871/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-20871/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-20871/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-19961-1 MS	BH25-09 0'	Total/NA	Solid	5030C	
885-19961-1 MSD	BH25-09 0'	Total/NA	Solid	5030C	
885-19961-2 MS	BH25-09 2'	Total/NA	Solid	5030C	
885-19961-2 MSD	BH25-09 2'	Total/NA	Solid	5030C	

Analysis Batch: 21002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-1	BH25-09 0'	Total/NA	Solid	8021B	20871
885-19961-2	BH25-09 2'	Total/NA	Solid	8021B	20871
885-19961-3	BH25-09 4'	Total/NA	Solid	8021B	20871
885-19961-4	BH25-10 0'	Total/NA	Solid	8021B	20871
885-19961-5	BH25-10 2'	Total/NA	Solid	8021B	20871
885-19961-6	BH25-10 4'	Total/NA	Solid	8021B	20871
885-19961-7	BH25-11 0'	Total/NA	Solid	8021B	20871
885-19961-8	BH25-11 2'	Total/NA	Solid	8021B	20871
885-19961-9	BH25-11 4'	Total/NA	Solid	8021B	20871
885-19961-10	BH25-12 0'	Total/NA	Solid	8021B	20871
885-19961-11	BH25-12 2'	Total/NA	Solid	8021B	20871
885-19961-12	BH25-12 4'	Total/NA	Solid	8021B	20871
885-19961-13	BH25-13 0'	Total/NA	Solid	8021B	20871
885-19961-14	BH25-13 2'	Total/NA	Solid	8021B	20871
885-19961-15	BH25-13 4'	Total/NA	Solid	8021B	20871
885-19961-16	BH25-14 0'	Total/NA	Solid	8021B	20871
885-19961-17	BH25-14 2'	Total/NA	Solid	8021B	20871
885-19961-18	BH25-14 4'	Total/NA	Solid	8021B	20871
885-19961-19	BH24-02 5'	Total/NA	Solid	8021B	20871
885-19961-20	BH24-03 5'	Total/NA	Solid	8021B	20871
MB 885-20871/1-A	Method Blank	Total/NA	Solid	8021B	20871

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

GC VOA (Continued)

Analysis Batch: 21002 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-20871/3-A	Lab Control Sample	Total/NA	Solid	8021B	20871
885-19961-2 MS	BH25-09 2'	Total/NA	Solid	8021B	20871
885-19961-2 MSD	BH25-09 2'	Total/NA	Solid	8021B	20871

Analysis Batch: 21003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-1	BH25-09 0'	Total/NA	Solid	8015M/D	20871
885-19961-2	BH25-09 2'	Total/NA	Solid	8015M/D	20871
885-19961-3	BH25-09 4'	Total/NA	Solid	8015M/D	20871
885-19961-4	BH25-10 0'	Total/NA	Solid	8015M/D	20871
885-19961-5	BH25-10 2'	Total/NA	Solid	8015M/D	20871
885-19961-6	BH25-10 4'	Total/NA	Solid	8015M/D	20871
885-19961-7	BH25-11 0'	Total/NA	Solid	8015M/D	20871
885-19961-8	BH25-11 2'	Total/NA	Solid	8015M/D	20871
885-19961-9	BH25-11 4'	Total/NA	Solid	8015M/D	20871
885-19961-10	BH25-12 0'	Total/NA	Solid	8015M/D	20871
885-19961-11	BH25-12 2'	Total/NA	Solid	8015M/D	20871
885-19961-12	BH25-12 4'	Total/NA	Solid	8015M/D	20871
885-19961-13	BH25-13 0'	Total/NA	Solid	8015M/D	20871
885-19961-14	BH25-13 2'	Total/NA	Solid	8015M/D	20871
885-19961-15	BH25-13 4'	Total/NA	Solid	8015M/D	20871
885-19961-16	BH25-14 0'	Total/NA	Solid	8015M/D	20871
885-19961-17	BH25-14 2'	Total/NA	Solid	8015M/D	20871
885-19961-18	BH25-14 4'	Total/NA	Solid	8015M/D	20871
885-19961-19	BH24-02 5'	Total/NA	Solid	8015M/D	20871
885-19961-20	BH24-03 5'	Total/NA	Solid	8015M/D	20871
MB 885-20871/1-A	Method Blank	Total/NA	Solid	8015M/D	20871
LCS 885-20871/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	20871
885-19961-1 MS	BH25-09 0'	Total/NA	Solid	8015M/D	20871
885-19961-1 MSD	BH25-09 0'	Total/NA	Solid	8015M/D	20871

GC Semi VOA

Analysis Batch: 20908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-1	BH25-09 0'	Total/NA	Solid	8015M/D	20932
885-19961-2	BH25-09 2'	Total/NA	Solid	8015M/D	20932
885-19961-3	BH25-09 4'	Total/NA	Solid	8015M/D	20932
885-19961-4	BH25-10 0'	Total/NA	Solid	8015M/D	20932
885-19961-5	BH25-10 2'	Total/NA	Solid	8015M/D	20932
885-19961-6	BH25-10 4'	Total/NA	Solid	8015M/D	20932
885-19961-7	BH25-11 0'	Total/NA	Solid	8015M/D	20932
885-19961-8	BH25-11 2'	Total/NA	Solid	8015M/D	20932
885-19961-9	BH25-11 4'	Total/NA	Solid	8015M/D	20932
885-19961-10	BH25-12 0'	Total/NA	Solid	8015M/D	20932
885-19961-11	BH25-12 2'	Total/NA	Solid	8015M/D	20932
885-19961-12	BH25-12 4'	Total/NA	Solid	8015M/D	20932
885-19961-13	BH25-13 0'	Total/NA	Solid	8015M/D	20932
885-19961-14	BH25-13 2'	Total/NA	Solid	8015M/D	20932
885-19961-15	BH25-13 4'	Total/NA	Solid	8015M/D	20932
885-19961-16	BH25-14 0'	Total/NA	Solid	8015M/D	20932

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

GC Semi VOA (Continued)

Analysis Batch: 20908 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-17	BH25-14 2'	Total/NA	Solid	8015M/D	20932
885-19961-18	BH25-14 4'	Total/NA	Solid	8015M/D	20932
885-19961-19	BH24-02 5'	Total/NA	Solid	8015M/D	20932
885-19961-20	BH24-03 5'	Total/NA	Solid	8015M/D	20932
MB 885-20932/1-A	Method Blank	Total/NA	Solid	8015M/D	20932
LCS 885-20932/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	20932
885-19961-20 MS	BH24-03 5'	Total/NA	Solid	8015M/D	20932
885-19961-20 MSD	BH24-03 5'	Total/NA	Solid	8015M/D	20932

Prep Batch: 20932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-1	BH25-09 0'	Total/NA	Solid	SHAKE	
885-19961-2	BH25-09 2'	Total/NA	Solid	SHAKE	
885-19961-3	BH25-09 4'	Total/NA	Solid	SHAKE	
885-19961-4	BH25-10 0'	Total/NA	Solid	SHAKE	
885-19961-5	BH25-10 2'	Total/NA	Solid	SHAKE	
885-19961-6	BH25-10 4'	Total/NA	Solid	SHAKE	
885-19961-7	BH25-11 0'	Total/NA	Solid	SHAKE	
885-19961-8	BH25-11 2'	Total/NA	Solid	SHAKE	
885-19961-9	BH25-11 4'	Total/NA	Solid	SHAKE	
885-19961-10	BH25-12 0'	Total/NA	Solid	SHAKE	
885-19961-11	BH25-12 2'	Total/NA	Solid	SHAKE	
885-19961-12	BH25-12 4'	Total/NA	Solid	SHAKE	
885-19961-13	BH25-13 0'	Total/NA	Solid	SHAKE	
885-19961-14	BH25-13 2'	Total/NA	Solid	SHAKE	
885-19961-15	BH25-13 4'	Total/NA	Solid	SHAKE	
885-19961-16	BH25-14 0'	Total/NA	Solid	SHAKE	
885-19961-17	BH25-14 2'	Total/NA	Solid	SHAKE	
885-19961-18	BH25-14 4'	Total/NA	Solid	SHAKE	
885-19961-19	BH24-02 5'	Total/NA	Solid	SHAKE	
885-19961-20	BH24-03 5'	Total/NA	Solid	SHAKE	
MB 885-20932/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-20932/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-19961-20 MS	BH24-03 5'	Total/NA	Solid	SHAKE	
885-19961-20 MSD	BH24-03 5'	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 20907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-1	BH25-09 0'	Total/NA	Solid	300_Prep	
885-19961-2	BH25-09 2'	Total/NA	Solid	300_Prep	
885-19961-3	BH25-09 4'	Total/NA	Solid	300_Prep	
885-19961-4	BH25-10 0'	Total/NA	Solid	300_Prep	
885-19961-5	BH25-10 2'	Total/NA	Solid	300_Prep	
885-19961-6	BH25-10 4'	Total/NA	Solid	300_Prep	
885-19961-7	BH25-11 0'	Total/NA	Solid	300_Prep	
885-19961-8	BH25-11 2'	Total/NA	Solid	300_Prep	
885-19961-9	BH25-11 4'	Total/NA	Solid	300_Prep	
885-19961-10	BH25-12 0'	Total/NA	Solid	300_Prep	
885-19961-11	BH25-12 2'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

HPLC/IC (Continued)

Prep Batch: 20907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-12	BH25-12 4'	Total/NA	Solid	300_Prep	
885-19961-13	BH25-13 0'	Total/NA	Solid	300_Prep	
885-19961-14	BH25-13 2'	Total/NA	Solid	300_Prep	
885-19961-15	BH25-13 4'	Total/NA	Solid	300_Prep	
885-19961-16	BH25-14 0'	Total/NA	Solid	300_Prep	
885-19961-17	BH25-14 2'	Total/NA	Solid	300_Prep	
885-19961-18	BH25-14 4'	Total/NA	Solid	300_Prep	
885-19961-19	BH24-02 5'	Total/NA	Solid	300_Prep	
885-19961-20	BH24-03 5'	Total/NA	Solid	300_Prep	
MB 885-20907/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-20907/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 20922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-1	BH25-09 0'	Total/NA	Solid	300.0	20907
885-19961-2	BH25-09 2'	Total/NA	Solid	300.0	20907
885-19961-3	BH25-09 4'	Total/NA	Solid	300.0	20907
885-19961-4	BH25-10 0'	Total/NA	Solid	300.0	20907
885-19961-5	BH25-10 2'	Total/NA	Solid	300.0	20907
885-19961-6	BH25-10 4'	Total/NA	Solid	300.0	20907
885-19961-7	BH25-11 0'	Total/NA	Solid	300.0	20907
885-19961-8	BH25-11 2'	Total/NA	Solid	300.0	20907
885-19961-9	BH25-11 4'	Total/NA	Solid	300.0	20907
885-19961-10	BH25-12 0'	Total/NA	Solid	300.0	20907
885-19961-11	BH25-12 2'	Total/NA	Solid	300.0	20907
885-19961-12	BH25-12 4'	Total/NA	Solid	300.0	20907
885-19961-13	BH25-13 0'	Total/NA	Solid	300.0	20907
885-19961-14	BH25-13 2'	Total/NA	Solid	300.0	20907
885-19961-15	BH25-13 4'	Total/NA	Solid	300.0	20907
885-19961-16	BH25-14 0'	Total/NA	Solid	300.0	20907
885-19961-17	BH25-14 2'	Total/NA	Solid	300.0	20907
885-19961-18	BH25-14 4'	Total/NA	Solid	300.0	20907
885-19961-20	BH24-03 5'	Total/NA	Solid	300.0	20907
MB 885-20907/1-A	Method Blank	Total/NA	Solid	300.0	20907
LCS 885-20907/2-A	Lab Control Sample	Total/NA	Solid	300.0	20907

Analysis Batch: 21074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19961-19	BH24-02 5'	Total/NA	Solid	300.0	20907
MRL 885-21074/3	Lab Control Sample	Total/NA	Solid	300.0	

Lab Chronicle

Client: Vertex
Job ID: 885-19961-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-09 0'
Lab Sample ID: 885-19961-1
Date Collected: 02/11/25 09:30
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/17/25 23:39
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/17/25 23:39
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 01:37
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 12:10

Client Sample ID: BH25-09 2'
Lab Sample ID: 885-19961-2
Date Collected: 02/11/25 09:40
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 00:45
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 00:45
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 02:00
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 12:51

Client Sample ID: BH25-09 4'
Lab Sample ID: 885-19961-3
Date Collected: 02/11/25 09:50
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 01:50
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 01:50
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 02:24
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 13:32

Client Sample ID: BH25-10 0'
Lab Sample ID: 885-19961-4
Date Collected: 02/11/25 10:00
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 02:12

Lab Chronicle

Client: Vertex
Job ID: 885-19961-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-10 0'
Lab Sample ID: 885-19961-4
Date Collected: 02/11/25 10:00
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 02:12
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 02:47
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 13:46

Client Sample ID: BH25-10 2'
Lab Sample ID: 885-19961-5
Date Collected: 02/11/25 10:10
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 02:34
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 02:34
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 03:11
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 14:33

Client Sample ID: BH25-10 4'
Lab Sample ID: 885-19961-6
Date Collected: 02/11/25 10:20
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 02:55
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 02:55
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 03:34
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 14:46

Client Sample ID: BH25-11 0'
Lab Sample ID: 885-19961-7
Date Collected: 02/11/25 10:30
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 03:17
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 03:17

Lab Chronicle

Client: Vertex
Job ID: 885-19961-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-11 0'
Lab Sample ID: 885-19961-7
Date Collected: 02/11/25 10:30
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 03:57
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 15:00

Client Sample ID: BH25-11 2'
Lab Sample ID: 885-19961-8
Date Collected: 02/11/25 10:40
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 03:39
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 03:39
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 04:21
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 15:13

Client Sample ID: BH25-11 4'
Lab Sample ID: 885-19961-9
Date Collected: 02/11/25 10:50
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 04:01
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 04:01
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 04:44
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 15:27

Client Sample ID: BH25-12 0'
Lab Sample ID: 885-19961-10
Date Collected: 02/11/25 11:00
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 04:23
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 04:23
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 05:08

Lab Chronicle

Client: Vertex
Job ID: 885-19961-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-12 0'
Lab Sample ID: 885-19961-10
Date Collected: 02/11/25 11:00
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 15:41

Client Sample ID: BH25-12 2'
Lab Sample ID: 885-19961-11
Date Collected: 02/11/25 11:10
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 05:06
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 05:06
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 05:54
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 15:54

Client Sample ID: BH25-12 4'
Lab Sample ID: 885-19961-12
Date Collected: 02/11/25 11:20
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 05:28
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 05:28
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 06:18
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 16:08

Client Sample ID: BH25-13 0'
Lab Sample ID: 885-19961-13
Date Collected: 02/11/25 11:30
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 05:50
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 05:50
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 06:41
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 16:22

Lab Chronicle

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-19961-1

Client Sample ID: BH25-13 2'

Lab Sample ID: 885-19961-14
Matrix: Solid
Date Collected: 02/11/25 11:40
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 06:12
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 06:12
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 07:04
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 16:35

Client Sample ID: BH25-13 4'

Lab Sample ID: 885-19961-15
Matrix: Solid
Date Collected: 02/11/25 11:50
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 06:34
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 06:34
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 07:28
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 17:16

Client Sample ID: BH25-14 0'

Lab Sample ID: 885-19961-16
Matrix: Solid
Date Collected: 02/11/25 12:00
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 06:55
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 06:55
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 07:51
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 17:30

Client Sample ID: BH25-14 2'

Lab Sample ID: 885-19961-17
Matrix: Solid
Date Collected: 02/11/25 12:10
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 07:17

Lab Chronicle

Client: Vertex
Job ID: 885-19961-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-14 2'
Lab Sample ID: 885-19961-17
Date Collected: 02/11/25 12:10
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 07:17
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 08:14
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 17:43

Client Sample ID: BH25-14 4'
Lab Sample ID: 885-19961-18
Date Collected: 02/11/25 12:20
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 07:39
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 07:39
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 08:38
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 17:57

Client Sample ID: BH24-02 5'
Lab Sample ID: 885-19961-19
Date Collected: 02/11/25 12:30
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 08:01
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 08:01
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 09:01
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		50	21074	ES	EET ALB	02/19/25 16:15

Client Sample ID: BH24-03 5'
Lab Sample ID: 885-19961-20
Date Collected: 02/11/25 12:40
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8015M/D		1	21003	AT	EET ALB	02/18/25 08:23
Total/NA	Prep	5030C			20871	AT	EET ALB	02/14/25 14:56
Total/NA	Analysis	8021B		1	21002	AT	EET ALB	02/18/25 08:23

Lab Chronicle

Client: Vertex
Job ID: 885-19961-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: BH24-03 5'
Lab Sample ID: 885-19961-20

Date Collected: 02/11/25 12:40
Matrix: Solid
Date Received: 02/14/25 07:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			20932	EM	EET ALB	02/17/25 11:59
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/18/25 09:25
Total/NA	Prep	300_Prep			20907	DL	EET ALB	02/17/25 09:09
Total/NA	Analysis	300.0		20	20922	ES	EET ALB	02/17/25 18:24

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-19961-1
Project/Site: White Dove 17 CTB 3

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)**

Mailing Address: 3101 Boyd Dr
Carlsbad, NM 88220

Phone: 575-725-5001

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☑ Rush 5 Days

Project Name:
White Dove 17 CTB 3

Project #:
24E-03262

Project Manager:
Sally Carttar

scarttar@vertexresource.com

Sampler: J. Rewis

On Ice: ☑ Yes ☐ No

# of Coolers: 1 4 of

Cooler Temp(including CF): 3.5-0.1=3.4

HALL ENVIRONMENTAL ANALYSIS LABORAT

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-19961 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2.11.25	9:30	Soil	BH25-09 0'	4oz jar	ICE	-1	x	x					x			
2.11.25	9:40	Soil	BH25-09 2'	4oz jar	ICE	-2	x	x					x			
2.11.25	9:50	Soil	BH25-09 4'	4oz jar	ICE	-3	x	x					x			
2.11.25	10:00	Soil	BH25-10 0'	4oz jar	ICE	-4	x	x					x			
2.11.25	10:10	Soil	BH25-10 2'	4oz jar	ICE	-5	x	x					x			
2.11.25	10:20	Soil	BH25-10 4'	4oz jar	ICE	-6	x	x					x			
2.11.25	10:30	Soil	BH25-11 0'	4oz jar	ICE	-7	x	x					x			
2.11.25	10:40	Soil	BH25-11 2'	4oz jar	ICE	-8	x	x					x			
2.11.25	10:50	Soil	BH25-11 4'	4oz jar	ICE	-9	x	x					x			
2.11.25	11:00	Soil	BH25-12 0'	4oz jar	ICE	-10	x	x					x			
2.11.25	11:10	Soil	BH25-12 2'	4oz jar	ICE	-11	x	x					x			
2.11.25	11:20	Soil	BH25-12 4'	4oz jar	ICE	-12	x	x					x			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
2.13.25	1205				2/13/25	1205
2/13/25	1910			courier	2/14/25	7:42

Remarks: ATTN: Jim Raley
Direct Bill to Devon Enevry Production Company
Work Order# 213637778
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.

Chain-of-Custody Record

Client: **Vertex (bill to Devon)**

Mailing Address 3101 Boyd Dr
Carlsbad, NM 88220

Phone : 575-725-5001

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☑ Rush 5 Day

Project Name:
White Dove 17 CTB 3

Project #:
24E-03262

Project Manager:
Sally Carttar
scarttar@vertexresource.com

Sampler: J. Rewis
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 3.5-0.1=3.4 4.09

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

19961

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2.11.25	11:30	Soil	BH25-13 0'	4oz jar	ICE	-13	x	x					x			
2.11.25	11:40	Soil	BH25-13 2'	4oz jar	ICE	-14	x	x					x			
2.11.25	11:50	Soil	BH25-13 4'	4oz jar	ICE	-15	x	x					x			
2.11.25	12:00	Soil	BH25-14 0'	4oz jar	ICE	-16	x	x					x			
2.11.25	12:10	Soil	BH25-14 2'	4oz jar	ICE	-17	x	x					x			
2.11.25	12:20	Soil	BH25-14 4'	4oz jar	ICE	-18	x	x					x			
2.11.25	12:30	Soil	BH24-02 5'	4oz jar	ICE	-19	x	x					x			
2.11.25	12:40	Soil	BH24-03 5'	4oz jar	ICE	-20	x	x					x			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
2.13.25	1205				2/13/25	1205
2/13/25	1900			courier	2/14/25	742

Remarks: ATTN: Jim Raley
Direct Bill to Devon Enevry Production Company
Work Order# 213637778
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: 885-19961-1

Login Number: 19961 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Proctor, Nancy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/4/2025 8:24:11 AM Revision 1

JOB DESCRIPTION

White Dove 17 CTB 3

JOB NUMBER

885-23531-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

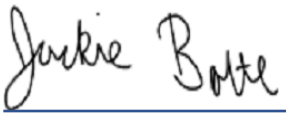
See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization



Generated
8/4/2025 8:24:11 AM
Revision 1

Authorized for release by
Jackie Bolte, Project Manager
jackie.bolte@et.eurofinsus.com
Designee for
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: White Dove 17 CTB 3

Laboratory Job ID: 885-23531-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-23531-1
Project/Site: White Dove 17 CTB 3

Qualifiers

HPLC/IC

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

Glossary

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

Case Narrative

Client: Vertex
Project: White Dove 17 CTB 3

Job ID: 885-23531-1

Job ID: 885-23531-1 Eurofins Albuquerque

Job Narrative
885-23531-1

REVISION

The report being provided is a revision of the original report sent on 4/26/2025. The report (revision 1) is being revised due to Per client, update sample ID to BH24-03 12'..

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 4/22/2025 7:00 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 6.0°C.

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

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

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

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

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-23531-1

Client Sample ID: BH24-03 12'
Date Collected: 04/17/25 09:25
Date Received: 04/22/25 07:00

Lab Sample ID: 885-23531-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		04/22/25 17:05	04/24/25 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/22/25 17:05*	*04/24/25 05:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/22/25 17:05	04/24/25 05:04	1
Ethylbenzene	ND		0.047		mg/Kg		04/22/25 17:05	04/24/25 05:04	1
Toluene	ND		0.047		mg/Kg		04/22/25 17:05	04/24/25 05:04	1
Xylenes, Total	ND		0.094		mg/Kg		04/22/25 17:05	04/24/25 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 17:05*	*04/24/25 05:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		04/23/25 12:55	04/25/25 12:36	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/23/25 12:55	04/25/25 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*04/23/25 12:55*	*04/25/25 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		61		mg/Kg		04/23/25 08:58	04/23/25 18:02	20

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-23531-1

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

Lab Sample ID: MB 885-24771/1-A
Matrix: Solid
Analysis Batch: 24844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24771

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		04/22/25 17:05	04/23/25 22:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/22/25 17:05*	*04/23/25 22:10*	*1*

Lab Sample ID: LCS 885-24771/2-A
Matrix: Solid
Analysis Batch: 24844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24771

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	26.5		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*205*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-24771/1-A
Matrix: Solid
Analysis Batch: 24845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24771

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 17:05	04/23/25 22:10	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 17:05	04/23/25 22:10	1
Toluene	ND		0.050		mg/Kg		04/22/25 17:05	04/23/25 22:10	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/25 17:05	04/23/25 22:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 17:05*	*04/23/25 22:10*	*1*

Lab Sample ID: LCS 885-24771/3-A
Matrix: Solid
Analysis Batch: 24845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24771

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.02		mg/Kg		102	70 - 130		
Ethylbenzene			1.00	1.00		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			2.00	2.05		mg/Kg		102	70 - 130		
o-Xylene			1.00	1.02		mg/Kg		102	70 - 130		
Toluene			1.00	0.992		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-23531-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-24784/1-A
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24784

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		04/23/25 08:58	04/23/25 11:58	1

Lab Sample ID: LCS 885-24784/2-A
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24784

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.3		mg/Kg		95	90 - 110		

Lab Sample ID: 885-23531-1 MS
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: BH24-03 12'
Prep Type: Total/NA
Prep Batch: 24784

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	210		29.9	235	4	mg/Kg		66	50 - 150		

Lab Sample ID: 885-23531-1 MSD
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: BH24-03 12'
Prep Type: Total/NA
Prep Batch: 24784

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210		30.1	240	4	mg/Kg		85	50 - 150	2	20

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-23531-1

GC VOA

Prep Batch: 24771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23531-1	BH24-03 12'	Total/NA	Solid	5030C	
MB 885-24771/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-24771/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-24771/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 24844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23531-1	BH24-03 12'	Total/NA	Solid	8015M/D	24771
MB 885-24771/1-A	Method Blank	Total/NA	Solid	8015M/D	24771
LCS 885-24771/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	24771

Analysis Batch: 24845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23531-1	BH24-03 12'	Total/NA	Solid	8021B	24771
MB 885-24771/1-A	Method Blank	Total/NA	Solid	8021B	24771
LCS 885-24771/3-A	Lab Control Sample	Total/NA	Solid	8021B	24771

GC Semi VOA

Prep Batch: 24823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23531-1	BH24-03 12'	Total/NA	Solid	SHAKE	

Analysis Batch: 24973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23531-1	BH24-03 12'	Total/NA	Solid	8015M/D	24823

HPLC/IC

Prep Batch: 24784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23531-1	BH24-03 12'	Total/NA	Solid	300_Prep	
MB 885-24784/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-24784/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-23531-1 MS	BH24-03 12'	Total/NA	Solid	300_Prep	
885-23531-1 MSD	BH24-03 12'	Total/NA	Solid	300_Prep	

Analysis Batch: 24801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23531-1	BH24-03 12'	Total/NA	Solid	300.0	24784
MB 885-24784/1-A	Method Blank	Total/NA	Solid	300.0	24784
LCS 885-24784/2-A	Lab Control Sample	Total/NA	Solid	300.0	24784
885-23531-1 MS	BH24-03 12'	Total/NA	Solid	300.0	24784
885-23531-1 MSD	BH24-03 12'	Total/NA	Solid	300.0	24784

Lab Chronicle

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-23531-1

Client Sample ID: BH24-03 12'

Date Collected: 04/17/25 09:25
Date Received: 04/22/25 07:00

Lab Sample ID: 885-23531-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 05:04
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 05:04
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24973	MI	EET ALB	04/25/25 12:36
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 18:02

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Job ID: 885-23531-1
Project/Site: White Dove 17 CTB 3

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 (bill to Devon)**

Mailing Address 3101 Boyd Dr
Carlsbad, NM 88220

Phone : 575-725-5001

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 48 hr

Project Name:
White Dove 17 CTB 3

Project #:
24E-03262

Project Manager:
Sally Carttar

scarttar@vertexresource.com

Sampler: J. Rewis

On Ice: ☒ Yes ☐ No mgp

# of Coolers: 1

Cooler Temp(including CF): 5.8+0.2 = 6.0 °C

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

885-23531 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
4.17..25	9:25	Soil	BH24-02 12'	4oz jar	ICE		x	x					x									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4-21-25	07:00				4/21/25	0700
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/21/25	1900			courier	4/22/25	7:50

Remarks: ATTN: Jim Raley
Direct Bill to Devon Energy Production Company
Work Order# 213637778
CC.Scarttar@vertexresource.com for Final Report.
permian@vertexresource.com

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

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-23531-1

Login Number: 23531 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/25/2025 4:39:35 PM

JOB DESCRIPTION

White Dove 17 CTB3

JOB NUMBER

885-23532-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
4/25/2025 4:39:35 PM

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

Client: Vertex
Project/Site: White Dove 17 CTB3

Laboratory Job ID: 885-23532-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Qualifiers

GC VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD 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: White Dove 17 CTB3

Job ID: 885-23532-1

Job ID: 885-23532-1 Eurofins Albuquerque

Job Narrative
885-23532-1

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 4/22/2025 7:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°C.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): WS25-17 2'-4' (885-23532-28). The container labels list WS25-17 2'-4', while the COC lists WS25-17 0'-1'. The client was contacted, and the lab was instructed to go with WS25-17 2'-4'.

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.

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

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-01 4'

Date Collected: 04/16/25 08:00
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	F2	5.0		mg/Kg		04/22/25 14:54	04/23/25 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*04/22/25 14:54*	*04/23/25 11:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 14:54	04/23/25 11:39	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 11:39	1
Toluene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 11:39	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/25 14:54	04/23/25 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 14:54*	*04/23/25 11:39*	*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		9.4		mg/Kg		04/23/25 11:56	04/25/25 11:36	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 11:56	04/25/25 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*04/23/25 11:56*	*04/25/25 11:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/23/25 08:56	04/23/25 12:18	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-02 4'

Date Collected: 04/16/25 08:05
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-2

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		04/22/25 14:54	04/23/25 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/22/25 14:54*	*04/23/25 12:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 14:54	04/23/25 12:45	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 12:45	1
Toluene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 12:45	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/25 14:54	04/23/25 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 14:54*	*04/23/25 12:45*	*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		04/23/25 11:56	04/25/25 11:48	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/23/25 11:56	04/25/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*120*		*62 - 134*	*04/23/25 11:56*	*04/25/25 11:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**360**		60		mg/Kg		04/23/25 08:56	04/23/25 12:47	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-03 4'

Date Collected: 04/17/25 08:00
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-3

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		04/22/25 14:54	04/23/25 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*04/22/25 14:54*	*04/23/25 13:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 13:50	1
Ethylbenzene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 13:50	1
Toluene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 13:50	1
Xylenes, Total	ND		0.097		mg/Kg		04/22/25 14:54	04/23/25 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*04/22/25 14:54*	*04/23/25 13:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		04/23/25 11:56	04/25/25 12:00	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/23/25 11:56	04/25/25 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*04/23/25 11:56*	*04/25/25 12:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64**		60		mg/Kg		04/23/25 08:56	04/23/25 13:37	20

Client Sample Results

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: BS25-04 8'
Lab Sample ID: 885-23532-4
Date Collected: 04/17/25 08:05
Matrix: Solid
Date Received: 04/22/25 07:50

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		04/22/25 14:54	04/23/25 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*04/22/25 14:54*	*04/23/25 14:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 14:12	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 14:54	04/23/25 14:12	1
Toluene	ND		0.049		mg/Kg		04/22/25 14:54	04/23/25 14:12	1
Xylenes, Total	ND		0.097		mg/Kg		04/22/25 14:54	04/23/25 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*04/22/25 14:54*	*04/23/25 14:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		04/23/25 11:56	04/25/25 12:12	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 11:56	04/25/25 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*121*		*62 - 134*	*04/23/25 11:56*	*04/25/25 12:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		60		mg/Kg		04/23/25 08:56	04/23/25 13:46	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-05 11'

Date Collected: 04/17/25 08:10
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-5

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		04/22/25 14:54	04/23/25 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*04/22/25 14:54*	*04/23/25 14:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 14:33	1
Ethylbenzene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 14:33	1
Toluene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 14:33	1
Xylenes, Total	ND		0.096		mg/Kg		04/22/25 14:54	04/23/25 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 14:54*	*04/23/25 14:33*	*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		9.9		mg/Kg		04/23/25 11:56	04/25/25 12:24	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/23/25 11:56	04/25/25 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*124*		*62 - 134*	*04/23/25 11:56*	*04/25/25 12:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**530**		60		mg/Kg		04/23/25 08:56	04/23/25 13:56	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-06 8'

Date Collected: 04/17/25 08:15
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-6

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		04/22/25 14:54	04/23/25 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/22/25 14:54*	*04/23/25 14:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 14:55	1
Ethylbenzene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 14:55	1
Toluene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 14:55	1
Xylenes, Total	ND		0.096		mg/Kg		04/22/25 14:54	04/23/25 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 14:54*	*04/23/25 14:55*	*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		9.8		mg/Kg		04/23/25 11:56	04/25/25 12:36	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/23/25 11:56	04/25/25 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*133*		*62 - 134*	*04/23/25 11:56*	*04/25/25 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2100**		60		mg/Kg		04/23/25 08:56	04/23/25 14:06	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-07 1'

Date Collected: 04/16/25 08:10
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-7

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		04/22/25 14:54	04/23/25 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*04/22/25 14:54*	*04/23/25 15:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 15:17	1
Ethylbenzene	ND		0.047		mg/Kg		04/22/25 14:54	04/23/25 15:17	1
Toluene	ND		0.047		mg/Kg		04/22/25 14:54	04/23/25 15:17	1
Xylenes, Total	ND		0.095		mg/Kg		04/22/25 14:54	04/23/25 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 14:54*	*04/23/25 15:17*	*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		9.3		mg/Kg		04/23/25 11:56	04/25/25 12:48	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 11:56	04/25/25 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*04/23/25 11:56*	*04/25/25 12:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/23/25 08:56	04/23/25 14:16	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-08 2'

Date Collected: 04/16/25 14:30
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		04/22/25 14:54	04/23/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*04/22/25 14:54*	*04/23/25 15:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/22/25 14:54	04/23/25 15:39	1
Ethylbenzene	ND		0.047		mg/Kg		04/22/25 14:54	04/23/25 15:39	1
Toluene	ND		0.047		mg/Kg		04/22/25 14:54	04/23/25 15:39	1
Xylenes, Total	ND		0.094		mg/Kg		04/22/25 14:54	04/23/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*04/22/25 14:54*	*04/23/25 15:39*	*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		9.6		mg/Kg		04/23/25 11:56	04/25/25 13:00	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/23/25 11:56	04/25/25 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*04/23/25 11:56*	*04/25/25 13:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98**		60		mg/Kg		04/23/25 08:56	04/23/25 14:26	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-09 4'

Date Collected: 04/17/25 08:30
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		04/22/25 14:54	04/23/25 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 14:54*	*04/23/25 16:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 14:54	04/23/25 16:01	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 16:01	1
Toluene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 16:01	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/25 14:54	04/23/25 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 14:54*	*04/23/25 16:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		04/23/25 11:56	04/25/25 13:12	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/23/25 11:56	04/25/25 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*04/23/25 11:56*	*04/25/25 13:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1800**		60		mg/Kg		04/23/25 08:56	04/23/25 14:36	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-10 1'

Date Collected: 04/17/25 08:35
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-10

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		04/22/25 14:54	04/23/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/22/25 14:54*	*04/23/25 16:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 16:22	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 14:54	04/23/25 16:22	1
Toluene	ND		0.049		mg/Kg		04/22/25 14:54	04/23/25 16:22	1
Xylenes, Total	ND		0.098		mg/Kg		04/22/25 14:54	04/23/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*04/22/25 14:54*	*04/23/25 16:22*	*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		9.9		mg/Kg		04/23/25 11:56	04/24/25 12:54	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/23/25 11:56	04/24/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*119*		*62 - 134*	*04/23/25 11:56*	*04/24/25 12:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		59		mg/Kg		04/23/25 08:56	04/23/25 14:45	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: BS25-11 10'

Date Collected: 04/17/25 08:40
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-11

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		04/22/25 14:54	04/23/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*04/22/25 14:54*	*04/23/25 17:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 14:54	04/23/25 17:06	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 17:06	1
Toluene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 17:06	1
Xylenes, Total	ND		0.099		mg/Kg		04/22/25 14:54	04/23/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 14:54*	*04/23/25 17:06*	*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		10		mg/Kg		04/23/25 11:56	04/25/25 11:49	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/23/25 11:56	04/25/25 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*04/23/25 11:56*	*04/25/25 11:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2000**		60		mg/Kg		04/23/25 08:56	04/23/25 14:55	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-01 0'-4'

Date Collected: 04/16/25 08:15
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-12

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		04/22/25 14:54	04/23/25 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*04/22/25 14:54*	*04/23/25 17:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 17:28	1
Ethylbenzene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 17:28	1
Toluene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 17:28	1
Xylenes, Total	ND		0.097		mg/Kg		04/22/25 14:54	04/23/25 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*04/22/25 14:54*	*04/23/25 17:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		04/23/25 11:56	04/24/25 13:18	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/23/25 11:56	04/24/25 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*04/23/25 11:56*	*04/24/25 13:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		59		mg/Kg		04/23/25 08:56	04/23/25 15:05	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-02 0-8'

Date Collected: 04/16/25 08:20
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-13

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		04/22/25 14:54	04/23/25 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 14:54*	*04/23/25 17:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 14:54	04/23/25 17:49	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 17:49	1
Toluene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 17:49	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/25 14:54	04/23/25 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*04/22/25 14:54*	*04/23/25 17:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		04/23/25 11:56	04/24/25 13:42	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/23/25 11:56	04/24/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*121*		*62 - 134*	*04/23/25 11:56*	*04/24/25 13:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		60		mg/Kg		04/23/25 08:56	04/23/25 15:35	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-03 0'-8'

Date Collected: 04/16/25 08:25
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-14

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		04/22/25 14:54	04/23/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*04/22/25 14:54*	*04/23/25 18:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 18:11	1
Ethylbenzene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 18:11	1
Toluene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 18:11	1
Xylenes, Total	ND		0.096		mg/Kg		04/22/25 14:54	04/23/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*04/22/25 14:54*	*04/23/25 18:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		04/23/25 11:56	04/25/25 12:12	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/23/25 11:56	04/25/25 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*04/23/25 11:56*	*04/25/25 12:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**		59		mg/Kg		04/23/25 08:56	04/23/25 15:45	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-04 0'-4'

Date Collected: 04/17/25 09:00
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-15

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		4.9		mg/Kg		04/22/25 14:54	04/23/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 14:54*	*04/23/25 18:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 18:33	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 14:54	04/23/25 18:33	1
Toluene	ND		0.049		mg/Kg		04/22/25 14:54	04/23/25 18:33	1
Xylenes, Total	ND		0.097		mg/Kg		04/22/25 14:54	04/23/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 14:54*	*04/23/25 18:33*	*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		9.6		mg/Kg		04/23/25 11:56	04/24/25 14:06	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/23/25 11:56	04/24/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*04/23/25 11:56*	*04/24/25 14:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/23/25 08:56	04/23/25 15:54	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-05 0'-1'

Date Collected: 04/17/25 09:05
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-16

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		04/22/25 14:54	04/23/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*04/22/25 14:54*	*04/23/25 18:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 14:54	04/23/25 18:55	1
Ethylbenzene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 18:55	1
Toluene	ND		0.048		mg/Kg		04/22/25 14:54	04/23/25 18:55	1
Xylenes, Total	ND		0.095		mg/Kg		04/22/25 14:54	04/23/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 14:54*	*04/23/25 18:55*	*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		9.9		mg/Kg		04/23/25 11:56	04/24/25 14:19	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/23/25 11:56	04/24/25 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*04/23/25 11:56*	*04/24/25 14:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		60		mg/Kg		04/23/25 08:56	04/23/25 16:04	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-06 1'-4'

Date Collected: 04/17/25 09:10
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-17

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		04/22/25 14:54	04/23/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 14:54*	*04/23/25 19:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/22/25 14:54	04/23/25 19:16	1
Ethylbenzene	ND		0.047		mg/Kg		04/22/25 14:54	04/23/25 19:16	1
Toluene	ND		0.047		mg/Kg		04/22/25 14:54	04/23/25 19:16	1
Xylenes, Total	ND		0.094		mg/Kg		04/22/25 14:54	04/23/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*04/22/25 14:54*	*04/23/25 19:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/23/25 11:56	04/24/25 14:31	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/23/25 11:56	04/24/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*122*		*62 - 134*	*04/23/25 11:56*	*04/24/25 14:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		60		mg/Kg		04/23/25 08:56	04/23/25 16:14	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-07 1'-4'

Date Collected: 04/16/25 08:20
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-18

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		04/22/25 14:54	04/23/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*04/22/25 14:54*	*04/23/25 19:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 14:54	04/23/25 19:38	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 14:54	04/23/25 19:38	1
Toluene	ND		0.049		mg/Kg		04/22/25 14:54	04/23/25 19:38	1
Xylenes, Total	ND		0.098		mg/Kg		04/22/25 14:54	04/23/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*04/22/25 14:54*	*04/23/25 19:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		04/23/25 12:55	04/24/25 15:43	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/23/25 12:55	04/24/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*04/23/25 12:55*	*04/24/25 15:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/23/25 08:56	04/23/25 16:24	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-08 4'-8'

Date Collected: 04/16/25 14:00
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-19

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		04/22/25 17:05	04/23/25 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/22/25 17:05*	*04/23/25 22:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 17:05	04/23/25 22:32	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 17:05	04/23/25 22:32	1
Toluene	ND		0.049		mg/Kg		04/22/25 17:05	04/23/25 22:32	1
Xylenes, Total	ND		0.097		mg/Kg		04/22/25 17:05	04/23/25 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 17:05*	*04/23/25 22:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		04/23/25 12:55	04/24/25 15:55	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 12:55	04/24/25 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*04/23/25 12:55*	*04/24/25 15:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		60		mg/Kg		04/23/25 08:56	04/23/25 16:34	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-09 0'-4'

Date Collected: 04/16/25 08:25
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-20

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		5.0		mg/Kg		04/22/25 17:05	04/23/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 17:05*	*04/23/25 23:37*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 17:05	04/23/25 23:37	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 17:05	04/23/25 23:37	1
Toluene	ND		0.050		mg/Kg		04/22/25 17:05	04/23/25 23:37	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/25 17:05	04/23/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 17:05*	*04/23/25 23:37*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		04/23/25 12:55	04/24/25 10:00	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/23/25 12:55	04/24/25 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*04/23/25 12:55*	*04/24/25 10:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/23/25 08:56	04/23/25 16:44	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-10 0'-1'

Date Collected: 04/16/25 08:30
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-21

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		4.7		mg/Kg		04/22/25 17:05	04/24/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 17:05*	*04/24/25 00:42*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/22/25 17:05	04/24/25 00:42	1
Ethylbenzene	ND		0.047		mg/Kg		04/22/25 17:05	04/24/25 00:42	1
Toluene	ND		0.047		mg/Kg		04/22/25 17:05	04/24/25 00:42	1
Xylenes, Total	ND		0.094		mg/Kg		04/22/25 17:05	04/24/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 17:05*	*04/24/25 00:42*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		04/23/25 12:55	04/24/25 10:23	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/23/25 12:55	04/24/25 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*118*		*62 - 134*	*04/23/25 12:55*	*04/24/25 10:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		04/23/25 08:58	04/23/25 16:53	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-11 0'-2'

Date Collected: 04/17/25 09:40
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-22

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		04/22/25 17:05	04/24/25 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*04/22/25 17:05*	*04/24/25 01:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 17:05	04/24/25 01:04	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 17:05	04/24/25 01:04	1
Toluene	ND		0.049		mg/Kg		04/22/25 17:05	04/24/25 01:04	1
Xylenes, Total	ND		0.098		mg/Kg		04/22/25 17:05	04/24/25 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 17:05*	*04/24/25 01:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		04/23/25 12:55	04/24/25 10:47	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/23/25 12:55	04/24/25 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*04/23/25 12:55*	*04/24/25 10:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2400**		60		mg/Kg		04/23/25 08:58	04/23/25 17:03	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-12 0'-4'

Date Collected: 04/17/25 09:45
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-23

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		4.6		mg/Kg		04/22/25 17:05	04/24/25 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/22/25 17:05*	*04/24/25 01:26*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/22/25 17:05	04/24/25 01:26	1
Ethylbenzene	ND		0.046		mg/Kg		04/22/25 17:05	04/24/25 01:26	1
Toluene	ND		0.046		mg/Kg		04/22/25 17:05	04/24/25 01:26	1
Xylenes, Total	ND		0.092		mg/Kg		04/22/25 17:05	04/24/25 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 17:05*	*04/24/25 01:26*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		04/23/25 12:55	04/24/25 11:10	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/23/25 12:55	04/24/25 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*04/23/25 12:55*	*04/24/25 11:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1800**		59		mg/Kg		04/23/25 08:58	04/23/25 18:32	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-13 4'-8'

Date Collected: 04/17/25 09:50
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-24

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		4.9		mg/Kg		04/22/25 17:05	04/24/25 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*04/22/25 17:05*	*04/24/25 01:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 17:05	04/24/25 01:48	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 17:05	04/24/25 01:48	1
Toluene	ND		0.049		mg/Kg		04/22/25 17:05	04/24/25 01:48	1
Xylenes, Total	ND		0.097		mg/Kg		04/22/25 17:05	04/24/25 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 17:05*	*04/24/25 01:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		04/23/25 12:55	04/24/25 11:34	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/23/25 12:55	04/24/25 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*04/23/25 12:55*	*04/24/25 11:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1700**		60		mg/Kg		04/23/25 08:58	04/23/25 18:42	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-14 4'-8'

Date Collected: 04/17/25 09:55
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-25

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		4.8		mg/Kg		04/22/25 17:05	04/24/25 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*04/22/25 17:05*	*04/24/25 02:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 17:05	04/24/25 02:09	1
Ethylbenzene	ND		0.048		mg/Kg		04/22/25 17:05	04/24/25 02:09	1
Toluene	ND		0.048		mg/Kg		04/22/25 17:05	04/24/25 02:09	1
Xylenes, Total	ND		0.095		mg/Kg		04/22/25 17:05	04/24/25 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 17:05*	*04/24/25 02:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		04/23/25 12:55	04/24/25 11:58	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 12:55	04/24/25 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*04/23/25 12:55*	*04/24/25 11:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2000**		61		mg/Kg		04/23/25 08:58	04/23/25 18:51	20

Client Sample Results

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: WS25-15 8'-11'
Lab Sample ID: 885-23532-26
Date Collected: 04/17/25 10:00
Matrix: Solid
Date Received: 04/22/25 07:50

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		04/22/25 17:05	04/24/25 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*04/22/25 17:05*	*04/24/25 02:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 17:05	04/24/25 02:31	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 17:05	04/24/25 02:31	1
Toluene	ND		0.050		mg/Kg		04/22/25 17:05	04/24/25 02:31	1
Xylenes, Total	ND		0.099		mg/Kg		04/22/25 17:05	04/24/25 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*04/22/25 17:05*	*04/24/25 02:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/23/25 12:55	04/24/25 12:21	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/23/25 12:55	04/24/25 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*04/23/25 12:55*	*04/24/25 12:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1100**		60		mg/Kg		04/23/25 08:58	04/23/25 19:01	20

Client Sample Results

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: WS25-16 8'-10'
Lab Sample ID: 885-23532-27
Date Collected: 04/17/25 10:05
Matrix: Solid
Date Received: 04/22/25 07:50

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		04/22/25 17:05	04/24/25 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 17:05*	*04/24/25 02:53*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/22/25 17:05	04/24/25 02:53	1
Ethylbenzene	ND		0.047		mg/Kg		04/22/25 17:05	04/24/25 02:53	1
Toluene	ND		0.047		mg/Kg		04/22/25 17:05	04/24/25 02:53	1
Xylenes, Total	ND		0.094		mg/Kg		04/22/25 17:05	04/24/25 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 17:05*	*04/24/25 02:53*	*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		9.5		mg/Kg		04/23/25 12:55	04/24/25 12:45	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 12:55	04/24/25 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*04/23/25 12:55*	*04/24/25 12:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		60		mg/Kg		04/23/25 08:58	04/23/25 19:31	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: WS25-17 2'-4'

Date Collected: 04/17/25 10:10
Date Received: 04/22/25 07:50

Lab Sample ID: 885-23532-28

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		04/22/25 17:05	04/24/25 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*04/22/25 17:05*	*04/24/25 03:15*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 17:05	04/24/25 03:15	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 17:05	04/24/25 03:15	1
Toluene	ND		0.049		mg/Kg		04/22/25 17:05	04/24/25 03:15	1
Xylenes, Total	ND		0.097		mg/Kg		04/22/25 17:05	04/24/25 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*	*04/22/25 17:05*	*04/24/25 03:15*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		04/23/25 12:55	04/24/25 13:09	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 12:55	04/24/25 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*04/23/25 12:55*	*04/24/25 13:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		60		mg/Kg		04/23/25 08:58	04/23/25 19:41	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: Backfill-01 0'

Lab Sample ID: 885-23532-29
Matrix: Solid
Date Collected: 04/18/25 09:00
Date Received: 04/22/25 07:50

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		04/22/25 17:05	04/24/25 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 17:05*	*04/24/25 03:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 17:05	04/24/25 03:59	1
Ethylbenzene	ND		0.049		mg/Kg		04/22/25 17:05	04/24/25 03:59	1
Toluene	ND		0.049		mg/Kg		04/22/25 17:05	04/24/25 03:59	1
Xylenes, Total	ND		0.098		mg/Kg		04/22/25 17:05	04/24/25 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 17:05*	*04/24/25 03:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		04/23/25 12:55	04/24/25 13:32	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 12:55	04/24/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*04/23/25 12:55*	*04/24/25 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		04/23/25 08:58	04/23/25 19:51	20

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Client Sample ID: Backfill-02 0'

Lab Sample ID: 885-23532-30
Matrix: Solid
Date Collected: 04/18/25 09:05
Date Received: 04/22/25 07:50

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		04/22/25 17:05	04/24/25 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/22/25 17:05*	*04/24/25 04:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/22/25 17:05	04/24/25 04:21	1
Ethylbenzene	ND		0.047		mg/Kg		04/22/25 17:05	04/24/25 04:21	1
Toluene	ND		0.047		mg/Kg		04/22/25 17:05	04/24/25 04:21	1
Xylenes, Total	ND		0.094		mg/Kg		04/22/25 17:05	04/24/25 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/22/25 17:05*	*04/24/25 04:21*	*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		9.4		mg/Kg		04/23/25 12:55	04/24/25 13:56	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/23/25 12:55	04/24/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*04/23/25 12:55*	*04/24/25 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		60		mg/Kg		04/23/25 08:58	04/23/25 20:00	20

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

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

Lab Sample ID: MB 885-24744/1-A
Matrix: Solid
Analysis Batch: 24787

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24744

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		04/22/25 14:54	04/23/25 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/22/25 14:54*	*04/23/25 11:17*	*1*

Lab Sample ID: LCS 885-24744/2-A
Matrix: Solid
Analysis Batch: 24787

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	26.9		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*204*		*35 - 166*

Lab Sample ID: 885-23532-1 MS
Matrix: Solid
Analysis Batch: 24787

Client Sample ID: BS25-01 4'
Prep Type: Total/NA
Prep Batch: 24744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND	F2	25.0	28.4		mg/Kg		114	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*217*		*35 - 166*

Lab Sample ID: 885-23532-1 MSD
Matrix: Solid
Analysis Batch: 24787

Client Sample ID: BS25-01 4'
Prep Type: Total/NA
Prep Batch: 24744

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	F2	24.8	21.3	F2	mg/Kg		86	70 - 130	29	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*185*		*35 - 166*

Lab Sample ID: MB 885-24771/1-A
Matrix: Solid
Analysis Batch: 24844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24771

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		04/22/25 17:05	04/23/25 22:10	1

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

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

Lab Sample ID: MB 885-24771/1-A
Matrix: Solid
Analysis Batch: 24844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24771

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166	04/22/25 17:05	04/23/25 22:10	1

Lab Sample ID: LCS 885-24771/2-A
Matrix: Solid
Analysis Batch: 24844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24771

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	26.5		mg/Kg		106	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	205		35 - 166

Lab Sample ID: 885-23532-19 MS
Matrix: Solid
Analysis Batch: 24844

Client Sample ID: WS25-08 4'-8'
Prep Type: Total/NA
Prep Batch: 24771

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	30.2		mg/Kg		123	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	227		35 - 166

Lab Sample ID: 885-23532-19 MSD
Matrix: Solid
Analysis Batch: 24844

Client Sample ID: WS25-08 4'-8'
Prep Type: Total/NA
Prep Batch: 24771

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		24.5	30.9		mg/Kg		126	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	230		35 - 166

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-24744/1-A
Matrix: Solid
Analysis Batch: 24788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24744

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 14:54	04/23/25 11:17	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 11:17	1
Toluene	ND		0.050		mg/Kg		04/22/25 14:54	04/23/25 11:17	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/25 14:54	04/23/25 11:17	1

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

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

Lab Sample ID: MB 885-24744/1-A
Matrix: Solid
Analysis Batch: 24788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24744

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145	04/22/25 14:54	04/23/25 11:17	1

Lab Sample ID: LCS 885-24744/3-A
Matrix: Solid
Analysis Batch: 24788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.952		mg/Kg		95	70 - 130
Ethylbenzene	1.00	0.948		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	2.00	1.93		mg/Kg		97	70 - 130
o-Xylene	1.00	0.966		mg/Kg		97	70 - 130
Toluene	1.00	0.929		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		48 - 145

Lab Sample ID: 885-23532-2 MS
Matrix: Solid
Analysis Batch: 24788

Client Sample ID: BS25-02 4'
Prep Type: Total/NA
Prep Batch: 24744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.998	1.05		mg/Kg		105	70 - 130
Ethylbenzene	ND		0.998	1.05		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	ND		2.00	2.12		mg/Kg		106	70 - 130
o-Xylene	ND		0.998	1.07		mg/Kg		108	70 - 130
Toluene	ND		0.998	1.02		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		48 - 145

Lab Sample ID: 885-23532-2 MSD
Matrix: Solid
Analysis Batch: 24788

Client Sample ID: BS25-02 4'
Prep Type: Total/NA
Prep Batch: 24744

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.997	1.11		mg/Kg		111	70 - 130	6	20
Ethylbenzene	ND		0.997	1.12		mg/Kg		112	70 - 130	7	20
m-Xylene & p-Xylene	ND		1.99	2.28		mg/Kg		114	70 - 130	7	20
o-Xylene	ND		0.997	1.11		mg/Kg		112	70 - 130	4	20
Toluene	ND		0.997	1.09		mg/Kg		109	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		48 - 145

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

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

Lab Sample ID: MB 885-24771/1-A
Matrix: Solid
Analysis Batch: 24845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24771

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/22/25 17:05	04/23/25 22:10	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/25 17:05	04/23/25 22:10	1
Toluene	ND		0.050		mg/Kg		04/22/25 17:05	04/23/25 22:10	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/25 17:05	04/23/25 22:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*04/22/25 17:05*	*04/23/25 22:10*	*1*

Lab Sample ID: LCS 885-24771/3-A
Matrix: Solid
Analysis Batch: 24845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24771

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.02		mg/Kg		102	70 - 130		
Ethylbenzene			1.00	1.00		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			2.00	2.05		mg/Kg		102	70 - 130		
o-Xylene			1.00	1.02		mg/Kg		102	70 - 130		
Toluene			1.00	0.992		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*

Lab Sample ID: 885-23532-20 MS
Matrix: Solid
Analysis Batch: 24845

Client Sample ID: WS25-09 0'-4'
Prep Type: Total/NA
Prep Batch: 24771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.988	1.11		mg/Kg		113	70 - 130		
Ethylbenzene	ND		0.988	1.12		mg/Kg		113	70 - 130		
m-Xylene & p-Xylene	ND		1.98	2.26		mg/Kg		114	70 - 130		
o-Xylene	ND		0.988	1.13		mg/Kg		114	70 - 130		
Toluene	ND		0.988	1.10		mg/Kg		111	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*

Lab Sample ID: 885-23532-20 MSD
Matrix: Solid
Analysis Batch: 24845

Client Sample ID: WS25-09 0'-4'
Prep Type: Total/NA
Prep Batch: 24771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.999	1.16		mg/Kg		116	70 - 130	4	20
Ethylbenzene	ND		0.999	1.16		mg/Kg		116	70 - 130	4	20
m-Xylene & p-Xylene	ND		2.00	2.37		mg/Kg		118	70 - 130	4	20
o-Xylene	ND		0.999	1.18		mg/Kg		118	70 - 130	4	20
Toluene	ND		0.999	1.14		mg/Kg		114	70 - 130	3	20

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

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

Lab Sample ID: 885-23532-20 MSD
Matrix: Solid
Analysis Batch: 24845

Client Sample ID: WS25-09 0'-4'
Prep Type: Total/NA
Prep Batch: 24771

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*

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

Lab Sample ID: MB 885-24814/1-A
Matrix: Solid
Analysis Batch: 24778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24814

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/23/25 11:56	04/23/25 13:41	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/23/25 11:56	04/23/25 13:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*04/23/25 11:56*	*04/23/25 13:41*	*1*

Lab Sample ID: LCS 885-24814/2-A
Matrix: Solid
Analysis Batch: 24778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24814

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	46.2		mg/Kg		92	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*

Lab Sample ID: MB 885-24823/1-A
Matrix: Solid
Analysis Batch: 24876

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24823

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/23/25 12:55	04/24/25 14:43	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/23/25 12:55	04/24/25 14:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*04/23/25 12:55*	*04/24/25 14:43*	*1*

Lab Sample ID: LCS 885-24823/2-A
Matrix: Solid
Analysis Batch: 24876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24823

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)	*116*		*62 - 134*

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-24783/1-A
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24783

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		04/23/25 08:56	04/23/25 11:38	1

Lab Sample ID: LCS 885-24783/2-A
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24783

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.7		mg/Kg		98	90 - 110		

Lab Sample ID: 885-23532-1 MS
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: BS25-01 4'
Prep Type: Total/NA
Prep Batch: 24783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		29.9	81.8		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-23532-1 MSD
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: BS25-01 4'
Prep Type: Total/NA
Prep Batch: 24783

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		30.2	79.5		mg/Kg		NC	50 - 150	3	20

Lab Sample ID: 885-23532-2 MSD
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: BS25-02 4'
Prep Type: Total/NA
Prep Batch: 24783

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	360		30.0	392	4	mg/Kg		104	50 - 150	4	20

Lab Sample ID: MB 885-24784/1-A
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24784

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		04/23/25 08:58	04/23/25 11:58	1

Lab Sample ID: LCS 885-24784/2-A
Matrix: Solid
Analysis Batch: 24801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24784

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.3		mg/Kg		95	90 - 110		

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

GC VOA

Prep Batch: 24744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-1	BS25-01 4'	Total/NA	Solid	5030C	
885-23532-2	BS25-02 4'	Total/NA	Solid	5030C	
885-23532-3	BS25-03 4'	Total/NA	Solid	5030C	
885-23532-4	BS25-04 8'	Total/NA	Solid	5030C	
885-23532-5	BS25-05 11'	Total/NA	Solid	5030C	
885-23532-6	BS25-06 8'	Total/NA	Solid	5030C	
885-23532-7	BS25-07 1'	Total/NA	Solid	5030C	
885-23532-8	BS25-08 2'	Total/NA	Solid	5030C	
885-23532-9	BS25-09 4'	Total/NA	Solid	5030C	
885-23532-10	BS25-10 1'	Total/NA	Solid	5030C	
885-23532-11	BS25-11 10'	Total/NA	Solid	5030C	
885-23532-12	WS25-01 0'-4'	Total/NA	Solid	5030C	
885-23532-13	WS25-02 0-8'	Total/NA	Solid	5030C	
885-23532-14	WS25-03 0'-8'	Total/NA	Solid	5030C	
885-23532-15	WS25-04 0'-4'	Total/NA	Solid	5030C	
885-23532-16	WS25-05 0'-1'	Total/NA	Solid	5030C	
885-23532-17	WS25-06 1'-4'	Total/NA	Solid	5030C	
885-23532-18	WS25-07 1'-4'	Total/NA	Solid	5030C	
MB 885-24744/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-24744/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-24744/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-23532-1 MS	BS25-01 4'	Total/NA	Solid	5030C	
885-23532-1 MSD	BS25-01 4'	Total/NA	Solid	5030C	
885-23532-2 MS	BS25-02 4'	Total/NA	Solid	5030C	
885-23532-2 MSD	BS25-02 4'	Total/NA	Solid	5030C	

Prep Batch: 24771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-19	WS25-08 4'-8'	Total/NA	Solid	5030C	
885-23532-20	WS25-09 0'-4'	Total/NA	Solid	5030C	
885-23532-21	WS25-10 0'-1'	Total/NA	Solid	5030C	
885-23532-22	WS25-11 0'-2'	Total/NA	Solid	5030C	
885-23532-23	WS25-12 0'-4'	Total/NA	Solid	5030C	
885-23532-24	WS25-13 4'-8'	Total/NA	Solid	5030C	
885-23532-25	WS25-14 4'-8'	Total/NA	Solid	5030C	
885-23532-26	WS25-15 8'-11'	Total/NA	Solid	5030C	
885-23532-27	WS25-16 8'-10'	Total/NA	Solid	5030C	
885-23532-28	WS25-17 2'-4'	Total/NA	Solid	5030C	
885-23532-29	Backfill-01 0'	Total/NA	Solid	5030C	
885-23532-30	Backfill-02 0'	Total/NA	Solid	5030C	
MB 885-24771/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-24771/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-24771/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-23532-19 MS	WS25-08 4'-8'	Total/NA	Solid	5030C	
885-23532-19 MSD	WS25-08 4'-8'	Total/NA	Solid	5030C	
885-23532-20 MS	WS25-09 0'-4'	Total/NA	Solid	5030C	
885-23532-20 MSD	WS25-09 0'-4'	Total/NA	Solid	5030C	

Analysis Batch: 24787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-1	BS25-01 4'	Total/NA	Solid	8015M/D	24744

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

GC VOA (Continued)

Analysis Batch: 24787 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-2	BS25-02 4'	Total/NA	Solid	8015M/D	24744
885-23532-3	BS25-03 4'	Total/NA	Solid	8015M/D	24744
885-23532-4	BS25-04 8'	Total/NA	Solid	8015M/D	24744
885-23532-5	BS25-05 11'	Total/NA	Solid	8015M/D	24744
885-23532-6	BS25-06 8'	Total/NA	Solid	8015M/D	24744
885-23532-7	BS25-07 1'	Total/NA	Solid	8015M/D	24744
885-23532-8	BS25-08 2'	Total/NA	Solid	8015M/D	24744
885-23532-9	BS25-09 4'	Total/NA	Solid	8015M/D	24744
885-23532-10	BS25-10 1'	Total/NA	Solid	8015M/D	24744
885-23532-11	BS25-11 10'	Total/NA	Solid	8015M/D	24744
885-23532-12	WS25-01 0'-4'	Total/NA	Solid	8015M/D	24744
885-23532-13	WS25-02 0-8'	Total/NA	Solid	8015M/D	24744
885-23532-14	WS25-03 0'-8'	Total/NA	Solid	8015M/D	24744
885-23532-15	WS25-04 0'-4'	Total/NA	Solid	8015M/D	24744
885-23532-16	WS25-05 0'-1'	Total/NA	Solid	8015M/D	24744
885-23532-17	WS25-06 1'-4'	Total/NA	Solid	8015M/D	24744
885-23532-18	WS25-07 1'-4'	Total/NA	Solid	8015M/D	24744
MB 885-24744/1-A	Method Blank	Total/NA	Solid	8015M/D	24744
LCS 885-24744/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	24744
885-23532-1 MS	BS25-01 4'	Total/NA	Solid	8015M/D	24744
885-23532-1 MSD	BS25-01 4'	Total/NA	Solid	8015M/D	24744

Analysis Batch: 24788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-1	BS25-01 4'	Total/NA	Solid	8021B	24744
885-23532-2	BS25-02 4'	Total/NA	Solid	8021B	24744
885-23532-3	BS25-03 4'	Total/NA	Solid	8021B	24744
885-23532-4	BS25-04 8'	Total/NA	Solid	8021B	24744
885-23532-5	BS25-05 11'	Total/NA	Solid	8021B	24744
885-23532-6	BS25-06 8'	Total/NA	Solid	8021B	24744
885-23532-7	BS25-07 1'	Total/NA	Solid	8021B	24744
885-23532-8	BS25-08 2'	Total/NA	Solid	8021B	24744
885-23532-9	BS25-09 4'	Total/NA	Solid	8021B	24744
885-23532-10	BS25-10 1'	Total/NA	Solid	8021B	24744
885-23532-11	BS25-11 10'	Total/NA	Solid	8021B	24744
885-23532-12	WS25-01 0'-4'	Total/NA	Solid	8021B	24744
885-23532-13	WS25-02 0-8'	Total/NA	Solid	8021B	24744
885-23532-14	WS25-03 0'-8'	Total/NA	Solid	8021B	24744
885-23532-15	WS25-04 0'-4'	Total/NA	Solid	8021B	24744
885-23532-16	WS25-05 0'-1'	Total/NA	Solid	8021B	24744
885-23532-17	WS25-06 1'-4'	Total/NA	Solid	8021B	24744
885-23532-18	WS25-07 1'-4'	Total/NA	Solid	8021B	24744
MB 885-24744/1-A	Method Blank	Total/NA	Solid	8021B	24744
LCS 885-24744/3-A	Lab Control Sample	Total/NA	Solid	8021B	24744
885-23532-2 MS	BS25-02 4'	Total/NA	Solid	8021B	24744
885-23532-2 MSD	BS25-02 4'	Total/NA	Solid	8021B	24744

Analysis Batch: 24844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-19	WS25-08 4'-8'	Total/NA	Solid	8015M/D	24771
885-23532-20	WS25-09 0'-4'	Total/NA	Solid	8015M/D	24771

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

GC VOA (Continued)

Analysis Batch: 24844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-21	WS25-10 0'-1'	Total/NA	Solid	8015M/D	24771
885-23532-22	WS25-11 0'-2'	Total/NA	Solid	8015M/D	24771
885-23532-23	WS25-12 0'-4'	Total/NA	Solid	8015M/D	24771
885-23532-24	WS25-13 4'-8'	Total/NA	Solid	8015M/D	24771
885-23532-25	WS25-14 4'-8'	Total/NA	Solid	8015M/D	24771
885-23532-26	WS25-15 8'-11'	Total/NA	Solid	8015M/D	24771
885-23532-27	WS25-16 8'-10'	Total/NA	Solid	8015M/D	24771
885-23532-28	WS25-17 2'-4'	Total/NA	Solid	8015M/D	24771
885-23532-29	Backfill-01 0'	Total/NA	Solid	8015M/D	24771
885-23532-30	Backfill-02 0'	Total/NA	Solid	8015M/D	24771
MB 885-24771/1-A	Method Blank	Total/NA	Solid	8015M/D	24771
LCS 885-24771/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	24771
885-23532-19 MS	WS25-08 4'-8'	Total/NA	Solid	8015M/D	24771
885-23532-19 MSD	WS25-08 4'-8'	Total/NA	Solid	8015M/D	24771

Analysis Batch: 24845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-19	WS25-08 4'-8'	Total/NA	Solid	8021B	24771
885-23532-20	WS25-09 0'-4'	Total/NA	Solid	8021B	24771
885-23532-21	WS25-10 0'-1'	Total/NA	Solid	8021B	24771
885-23532-22	WS25-11 0'-2'	Total/NA	Solid	8021B	24771
885-23532-23	WS25-12 0'-4'	Total/NA	Solid	8021B	24771
885-23532-24	WS25-13 4'-8'	Total/NA	Solid	8021B	24771
885-23532-25	WS25-14 4'-8'	Total/NA	Solid	8021B	24771
885-23532-26	WS25-15 8'-11'	Total/NA	Solid	8021B	24771
885-23532-27	WS25-16 8'-10'	Total/NA	Solid	8021B	24771
885-23532-28	WS25-17 2'-4'	Total/NA	Solid	8021B	24771
885-23532-29	Backfill-01 0'	Total/NA	Solid	8021B	24771
885-23532-30	Backfill-02 0'	Total/NA	Solid	8021B	24771
MB 885-24771/1-A	Method Blank	Total/NA	Solid	8021B	24771
LCS 885-24771/3-A	Lab Control Sample	Total/NA	Solid	8021B	24771
885-23532-20 MS	WS25-09 0'-4'	Total/NA	Solid	8021B	24771
885-23532-20 MSD	WS25-09 0'-4'	Total/NA	Solid	8021B	24771

GC Semi VOA

Analysis Batch: 24778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-24814/1-A	Method Blank	Total/NA	Solid	8015M/D	24814
LCS 885-24814/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	24814

Prep Batch: 24814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-1	BS25-01 4'	Total/NA	Solid	SHAKE	
885-23532-2	BS25-02 4'	Total/NA	Solid	SHAKE	
885-23532-3	BS25-03 4'	Total/NA	Solid	SHAKE	
885-23532-4	BS25-04 8'	Total/NA	Solid	SHAKE	
885-23532-5	BS25-05 11'	Total/NA	Solid	SHAKE	
885-23532-6	BS25-06 8'	Total/NA	Solid	SHAKE	
885-23532-7	BS25-07 1'	Total/NA	Solid	SHAKE	
885-23532-8	BS25-08 2'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

GC Semi VOA (Continued)

Prep Batch: 24814 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-9	BS25-09 4'	Total/NA	Solid	SHAKE	
885-23532-10	BS25-10 1'	Total/NA	Solid	SHAKE	
885-23532-11	BS25-11 10'	Total/NA	Solid	SHAKE	
885-23532-12	WS25-01 0'-4'	Total/NA	Solid	SHAKE	
885-23532-13	WS25-02 0-8'	Total/NA	Solid	SHAKE	
885-23532-14	WS25-03 0'-8'	Total/NA	Solid	SHAKE	
885-23532-15	WS25-04 0'-4'	Total/NA	Solid	SHAKE	
885-23532-16	WS25-05 0'-1'	Total/NA	Solid	SHAKE	
885-23532-17	WS25-06 1'-4'	Total/NA	Solid	SHAKE	
MB 885-24814/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-24814/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 24823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-18	WS25-07 1'-4'	Total/NA	Solid	SHAKE	
885-23532-19	WS25-08 4'-8'	Total/NA	Solid	SHAKE	
885-23532-20	WS25-09 0'-4'	Total/NA	Solid	SHAKE	
885-23532-21	WS25-10 0'-1'	Total/NA	Solid	SHAKE	
885-23532-22	WS25-11 0'-2'	Total/NA	Solid	SHAKE	
885-23532-23	WS25-12 0'-4'	Total/NA	Solid	SHAKE	
885-23532-24	WS25-13 4'-8'	Total/NA	Solid	SHAKE	
885-23532-25	WS25-14 4'-8'	Total/NA	Solid	SHAKE	
885-23532-26	WS25-15 8'-11'	Total/NA	Solid	SHAKE	
885-23532-27	WS25-16 8'-10'	Total/NA	Solid	SHAKE	
885-23532-28	WS25-17 2'-4'	Total/NA	Solid	SHAKE	
885-23532-29	Backfill-01 0'	Total/NA	Solid	SHAKE	
885-23532-30	Backfill-02 0'	Total/NA	Solid	SHAKE	
MB 885-24823/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-24823/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 24874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-20	WS25-09 0'-4'	Total/NA	Solid	8015M/D	24823
885-23532-21	WS25-10 0'-1'	Total/NA	Solid	8015M/D	24823
885-23532-22	WS25-11 0'-2'	Total/NA	Solid	8015M/D	24823
885-23532-23	WS25-12 0'-4'	Total/NA	Solid	8015M/D	24823
885-23532-24	WS25-13 4'-8'	Total/NA	Solid	8015M/D	24823
885-23532-25	WS25-14 4'-8'	Total/NA	Solid	8015M/D	24823
885-23532-26	WS25-15 8'-11'	Total/NA	Solid	8015M/D	24823
885-23532-27	WS25-16 8'-10'	Total/NA	Solid	8015M/D	24823
885-23532-28	WS25-17 2'-4'	Total/NA	Solid	8015M/D	24823
885-23532-29	Backfill-01 0'	Total/NA	Solid	8015M/D	24823
885-23532-30	Backfill-02 0'	Total/NA	Solid	8015M/D	24823

Analysis Batch: 24876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-10	BS25-10 1'	Total/NA	Solid	8015M/D	24814
885-23532-12	WS25-01 0'-4'	Total/NA	Solid	8015M/D	24814
885-23532-13	WS25-02 0-8'	Total/NA	Solid	8015M/D	24814
885-23532-15	WS25-04 0'-4'	Total/NA	Solid	8015M/D	24814
885-23532-16	WS25-05 0'-1'	Total/NA	Solid	8015M/D	24814

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

GC Semi VOA (Continued)

Analysis Batch: 24876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-17	WS25-06 1'-4'	Total/NA	Solid	8015M/D	24814
885-23532-18	WS25-07 1'-4'	Total/NA	Solid	8015M/D	24823
885-23532-19	WS25-08 4'-8'	Total/NA	Solid	8015M/D	24823
MB 885-24823/1-A	Method Blank	Total/NA	Solid	8015M/D	24823
LCS 885-24823/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	24823

Analysis Batch: 24973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-11	BS25-11 10'	Total/NA	Solid	8015M/D	24814
885-23532-14	WS25-03 0'-8'	Total/NA	Solid	8015M/D	24814

Analysis Batch: 24974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-1	BS25-01 4'	Total/NA	Solid	8015M/D	24814
885-23532-2	BS25-02 4'	Total/NA	Solid	8015M/D	24814
885-23532-3	BS25-03 4'	Total/NA	Solid	8015M/D	24814
885-23532-4	BS25-04 8'	Total/NA	Solid	8015M/D	24814
885-23532-5	BS25-05 11'	Total/NA	Solid	8015M/D	24814
885-23532-6	BS25-06 8'	Total/NA	Solid	8015M/D	24814
885-23532-7	BS25-07 1'	Total/NA	Solid	8015M/D	24814
885-23532-8	BS25-08 2'	Total/NA	Solid	8015M/D	24814
885-23532-9	BS25-09 4'	Total/NA	Solid	8015M/D	24814

HPLC/IC

Prep Batch: 24783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-1	BS25-01 4'	Total/NA	Solid	300_Prep	
885-23532-2	BS25-02 4'	Total/NA	Solid	300_Prep	
885-23532-3	BS25-03 4'	Total/NA	Solid	300_Prep	
885-23532-4	BS25-04 8'	Total/NA	Solid	300_Prep	
885-23532-5	BS25-05 11'	Total/NA	Solid	300_Prep	
885-23532-6	BS25-06 8'	Total/NA	Solid	300_Prep	
885-23532-7	BS25-07 1'	Total/NA	Solid	300_Prep	
885-23532-8	BS25-08 2'	Total/NA	Solid	300_Prep	
885-23532-9	BS25-09 4'	Total/NA	Solid	300_Prep	
885-23532-10	BS25-10 1'	Total/NA	Solid	300_Prep	
885-23532-11	BS25-11 10'	Total/NA	Solid	300_Prep	
885-23532-12	WS25-01 0'-4'	Total/NA	Solid	300_Prep	
885-23532-13	WS25-02 0-8'	Total/NA	Solid	300_Prep	
885-23532-14	WS25-03 0'-8'	Total/NA	Solid	300_Prep	
885-23532-15	WS25-04 0'-4'	Total/NA	Solid	300_Prep	
885-23532-16	WS25-05 0'-1'	Total/NA	Solid	300_Prep	
885-23532-17	WS25-06 1'-4'	Total/NA	Solid	300_Prep	
885-23532-18	WS25-07 1'-4'	Total/NA	Solid	300_Prep	
885-23532-19	WS25-08 4'-8'	Total/NA	Solid	300_Prep	
885-23532-20	WS25-09 0'-4'	Total/NA	Solid	300_Prep	
MB 885-24783/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-24783/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-23532-1 MS	BS25-01 4'	Total/NA	Solid	300_Prep	
885-23532-1 MSD	BS25-01 4'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB3

Job ID: 885-23532-1

HPLC/IC (Continued)

Prep Batch: 24783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-2 MSD	BS25-02 4'	Total/NA	Solid	300_Prep	

Prep Batch: 24784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-21	WS25-10 0'-1'	Total/NA	Solid	300_Prep	
885-23532-22	WS25-11 0'-2'	Total/NA	Solid	300_Prep	
885-23532-23	WS25-12 0'-4'	Total/NA	Solid	300_Prep	
885-23532-24	WS25-13 4'-8'	Total/NA	Solid	300_Prep	
885-23532-25	WS25-14 4'-8'	Total/NA	Solid	300_Prep	
885-23532-26	WS25-15 8'-11'	Total/NA	Solid	300_Prep	
885-23532-27	WS25-16 8'-10'	Total/NA	Solid	300_Prep	
885-23532-28	WS25-17 2'-4'	Total/NA	Solid	300_Prep	
885-23532-29	Backfill-01 0'	Total/NA	Solid	300_Prep	
885-23532-30	Backfill-02 0'	Total/NA	Solid	300_Prep	
MB 885-24784/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-24784/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 24801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23532-1	BS25-01 4'	Total/NA	Solid	300.0	24783
885-23532-2	BS25-02 4'	Total/NA	Solid	300.0	24783
885-23532-3	BS25-03 4'	Total/NA	Solid	300.0	24783
885-23532-4	BS25-04 8'	Total/NA	Solid	300.0	24783
885-23532-5	BS25-05 11'	Total/NA	Solid	300.0	24783
885-23532-6	BS25-06 8'	Total/NA	Solid	300.0	24783
885-23532-7	BS25-07 1'	Total/NA	Solid	300.0	24783
885-23532-8	BS25-08 2'	Total/NA	Solid	300.0	24783
885-23532-9	BS25-09 4'	Total/NA	Solid	300.0	24783
885-23532-10	BS25-10 1'	Total/NA	Solid	300.0	24783
885-23532-11	BS25-11 10'	Total/NA	Solid	300.0	24783
885-23532-12	WS25-01 0'-4'	Total/NA	Solid	300.0	24783
885-23532-13	WS25-02 0-8'	Total/NA	Solid	300.0	24783
885-23532-14	WS25-03 0'-8'	Total/NA	Solid	300.0	24783
885-23532-15	WS25-04 0'-4'	Total/NA	Solid	300.0	24783
885-23532-16	WS25-05 0'-1'	Total/NA	Solid	300.0	24783
885-23532-17	WS25-06 1'-4'	Total/NA	Solid	300.0	24783
885-23532-18	WS25-07 1'-4'	Total/NA	Solid	300.0	24783
885-23532-19	WS25-08 4'-8'	Total/NA	Solid	300.0	24783
885-23532-20	WS25-09 0'-4'	Total/NA	Solid	300.0	24783
885-23532-21	WS25-10 0'-1'	Total/NA	Solid	300.0	24784
885-23532-22	WS25-11 0'-2'	Total/NA	Solid	300.0	24784
885-23532-23	WS25-12 0'-4'	Total/NA	Solid	300.0	24784
885-23532-24	WS25-13 4'-8'	Total/NA	Solid	300.0	24784
885-23532-25	WS25-14 4'-8'	Total/NA	Solid	300.0	24784
885-23532-26	WS25-15 8'-11'	Total/NA	Solid	300.0	24784
885-23532-27	WS25-16 8'-10'	Total/NA	Solid	300.0	24784
885-23532-28	WS25-17 2'-4'	Total/NA	Solid	300.0	24784
885-23532-29	Backfill-01 0'	Total/NA	Solid	300.0	24784
885-23532-30	Backfill-02 0'	Total/NA	Solid	300.0	24784
MB 885-24783/1-A	Method Blank	Total/NA	Solid	300.0	24783
MB 885-24784/1-A	Method Blank	Total/NA	Solid	300.0	24784

QC Association Summary

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

HPLC/IC (Continued)

Analysis Batch: 24801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-24783/2-A	Lab Control Sample	Total/NA	Solid	300.0	24783
LCS 885-24784/2-A	Lab Control Sample	Total/NA	Solid	300.0	24784
885-23532-1 MS	BS25-01 4'	Total/NA	Solid	300.0	24783
885-23532-1 MSD	BS25-01 4'	Total/NA	Solid	300.0	24783
885-23532-2 MSD	BS25-02 4'	Total/NA	Solid	300.0	24783

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: BS25-01 4'
Lab Sample ID: 885-23532-1
Date Collected: 04/16/25 08:00
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 11:39
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 11:39
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 11:36
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 12:18

Client Sample ID: BS25-02 4'
Lab Sample ID: 885-23532-2
Date Collected: 04/16/25 08:05
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 12:45
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 12:45
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 11:48
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 12:47

Client Sample ID: BS25-03 4'
Lab Sample ID: 885-23532-3
Date Collected: 04/17/25 08:00
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 13:50
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 13:50
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 12:00
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 13:37

Client Sample ID: BS25-04 8'
Lab Sample ID: 885-23532-4
Date Collected: 04/17/25 08:05
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 14:12

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: BS25-04 8'
Lab Sample ID: 885-23532-4
Date Collected: 04/17/25 08:05
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 14:12
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 12:12
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 13:46

Client Sample ID: BS25-05 11'
Lab Sample ID: 885-23532-5
Date Collected: 04/17/25 08:10
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 14:33
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 14:33
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 12:24
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 13:56

Client Sample ID: BS25-06 8'
Lab Sample ID: 885-23532-6
Date Collected: 04/17/25 08:15
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 14:55
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 14:55
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 12:36
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 14:06

Client Sample ID: BS25-07 1'
Lab Sample ID: 885-23532-7
Date Collected: 04/16/25 08:10
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 15:17
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 15:17

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: BS25-07 1'
Lab Sample ID: 885-23532-7
Date Collected: 04/16/25 08:10
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 12:48
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 14:16

Client Sample ID: BS25-08 2'
Lab Sample ID: 885-23532-8
Date Collected: 04/16/25 14:30
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 15:39
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 15:39
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 13:00
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 14:26

Client Sample ID: BS25-09 4'
Lab Sample ID: 885-23532-9
Date Collected: 04/17/25 08:30
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 16:01
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 16:01
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 13:12
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 14:36

Client Sample ID: BS25-10 1'
Lab Sample ID: 885-23532-10
Date Collected: 04/17/25 08:35
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 16:22
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 16:22
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24876	MI	EET ALB	04/24/25 12:54

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: BS25-10 1'
Lab Sample ID: 885-23532-10
Date Collected: 04/17/25 08:35
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 14:45

Client Sample ID: BS25-11 10'
Lab Sample ID: 885-23532-11
Date Collected: 04/17/25 08:40
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 17:06
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 17:06
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24973	MI	EET ALB	04/25/25 11:49
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 14:55

Client Sample ID: WS25-01 0'-4'
Lab Sample ID: 885-23532-12
Date Collected: 04/16/25 08:15
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 17:28
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 17:28
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24876	MI	EET ALB	04/24/25 13:18
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 15:05

Client Sample ID: WS25-02 0-8'
Lab Sample ID: 885-23532-13
Date Collected: 04/16/25 08:20
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 17:49
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 17:49
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24876	MI	EET ALB	04/24/25 13:42
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 15:35

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: WS25-03 0'-8'
Lab Sample ID: 885-23532-14
Date Collected: 04/16/25 08:25
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 18:11
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 18:11
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24973	MI	EET ALB	04/25/25 12:12
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 15:45

Client Sample ID: WS25-04 0'-4'
Lab Sample ID: 885-23532-15
Date Collected: 04/17/25 09:00
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 18:33
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 18:33
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24876	MI	EET ALB	04/24/25 14:06
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 15:54

Client Sample ID: WS25-05 0'-1'
Lab Sample ID: 885-23532-16
Date Collected: 04/17/25 09:05
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 18:55
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 18:55
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24876	MI	EET ALB	04/24/25 14:19
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 16:04

Client Sample ID: WS25-06 1'-4'
Lab Sample ID: 885-23532-17
Date Collected: 04/17/25 09:10
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 19:16

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: WS25-06 1'-4'
Lab Sample ID: 885-23532-17
Date Collected: 04/17/25 09:10
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 19:16
Total/NA	Prep	SHAKE			24814	MI	EET ALB	04/23/25 11:56
Total/NA	Analysis	8015M/D		1	24876	MI	EET ALB	04/24/25 14:31
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 16:14

Client Sample ID: WS25-07 1'-4'
Lab Sample ID: 885-23532-18
Date Collected: 04/16/25 08:20
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8015M/D		1	24787	AT	EET ALB	04/23/25 19:38
Total/NA	Prep	5030C			24744	AT	EET ALB	04/22/25 14:54
Total/NA	Analysis	8021B		1	24788	AT	EET ALB	04/23/25 19:38
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24876	MI	EET ALB	04/24/25 15:43
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 16:24

Client Sample ID: WS25-08 4'-8'
Lab Sample ID: 885-23532-19
Date Collected: 04/16/25 14:00
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/23/25 22:32
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/23/25 22:32
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24876	MI	EET ALB	04/24/25 15:55
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 16:34

Client Sample ID: WS25-09 0'-4'
Lab Sample ID: 885-23532-20
Date Collected: 04/16/25 08:25
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/23/25 23:37
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/23/25 23:37

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: WS25-09 0'-4'
Lab Sample ID: 885-23532-20
Date Collected: 04/16/25 08:25
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 10:00
Total/NA	Prep	300_Prep			24783	DL	EET ALB	04/23/25 08:56
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 16:44

Client Sample ID: WS25-10 0'-1'
Lab Sample ID: 885-23532-21
Date Collected: 04/16/25 08:30
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 00:42
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 00:42
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 10:23
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 16:53

Client Sample ID: WS25-11 0'-2'
Lab Sample ID: 885-23532-22
Date Collected: 04/17/25 09:40
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 01:04
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 01:04
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 10:47
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 17:03

Client Sample ID: WS25-12 0'-4'
Lab Sample ID: 885-23532-23
Date Collected: 04/17/25 09:45
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 01:26
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 01:26
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 11:10

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: WS25-12 0'-4'
Lab Sample ID: 885-23532-23
Date Collected: 04/17/25 09:45
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 18:32

Client Sample ID: WS25-13 4'-8'
Lab Sample ID: 885-23532-24
Date Collected: 04/17/25 09:50
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 01:48
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 01:48
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 11:34
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 18:42

Client Sample ID: WS25-14 4'-8'
Lab Sample ID: 885-23532-25
Date Collected: 04/17/25 09:55
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 02:09
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 02:09
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 11:58
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 18:51

Client Sample ID: WS25-15 8'-11'
Lab Sample ID: 885-23532-26
Date Collected: 04/17/25 10:00
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 02:31
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 02:31
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 12:21
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 19:01

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: WS25-16 8'-10'
Lab Sample ID: 885-23532-27
Date Collected: 04/17/25 10:05
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 02:53
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 02:53
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 12:45
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 19:31

Client Sample ID: WS25-17 2'-4'
Lab Sample ID: 885-23532-28
Date Collected: 04/17/25 10:10
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 03:15
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 03:15
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 13:09
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 19:41

Client Sample ID: Backfill-01 0'
Lab Sample ID: 885-23532-29
Date Collected: 04/18/25 09:00
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 03:59
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 03:59
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 13:32
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 19:51

Client Sample ID: Backfill-02 0'
Lab Sample ID: 885-23532-30
Date Collected: 04/18/25 09:05
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8015M/D		1	24844	AT	EET ALB	04/24/25 04:21

Lab Chronicle

Client: Vertex
Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

Client Sample ID: Backfill-02 0'
Lab Sample ID: 885-23532-30

Date Collected: 04/18/25 09:05
Matrix: Solid
Date Received: 04/22/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24771	JP	EET ALB	04/22/25 17:05
Total/NA	Analysis	8021B		1	24845	AT	EET ALB	04/24/25 04:21
Total/NA	Prep	SHAKE			24823	MI	EET ALB	04/23/25 12:55
Total/NA	Analysis	8015M/D		1	24874	MI	EET ALB	04/24/25 13:56
Total/NA	Prep	300_Prep			24784	DL	EET ALB	04/23/25 08:58
Total/NA	Analysis	300.0		20	24801	RC	EET ALB	04/23/25 20:00

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-23532-1
Project/Site: White Dove 17 CTB3

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 (bill to Devon)**

Mailing Address 3101 Boyd Dr
Carlsbad, NM 88220

Phone : 575-725-5001

email or Fax#:

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

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

Turn-Around Time:
☐ Standard ☑ Rush 48 hr

Project Name:
White Dove 17 CTB 3

Project #:
24E-03262

Project Manager:
Sally Carttar
scarttar@vertexresource.com

Sampler: J. Rewis
On Ice: ☑ Yes ☐ No moji
# of Coolers: 1
Cooler Temp(including CF): 5.8+0.2=6.0°C

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

885-23532 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4.16.25	8:00	Soil	BS25-01 4'	4oz jar	ICE		x	x					x			
4.16.25	8:05	Soil	BS25-02 4'	4oz jar	ICE		x	x					x			
4.17.25	8:00	Soil	BS25-03 4'	4oz jar	ICE		x	x					x			
4.17.25	8:05	Soil	BS25-04 8'	4oz jar	ICE		x	x					x			
4.17.25	8:10	Soil	BS25-05 11'	4oz jar	ICE		x	x					x			
4.17.25	8:15	Soil	BS25-06 8'	4oz jar	ICE		x	x					x			
4.16.25	8:10	Soil	BS25-07 1'	4oz jar	ICE		x	x					x			
4.16.25	14:30	Soil	BS25-08 2'	4oz jar	ICE		x	x					x			
4.17.25	8:30	Soil	BS25-09 4'	4oz jar	ICE		x	x					x			
4.17.25	8:35	Soil	BS25-10 1'	4oz jar	ICE		x	x					x			
4.17.25	8:40	Soil	BS25-11 10'	4oz jar	ICE		x	x					x			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4.21.25	1030	[signature]	[signature]		4/21/25	1030
4/21/25	1910	[signature]	[signature]	courier	4/22/25	7:50

Remarks: ATTN: Jim Raley
Direct Bill to Devon Enevry Production Company
Work Order# 213637778
CC.Scarttar@vertexresource.com for Final Report.
permian@vertexresource.com

Pg 1/3

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.

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4/25/2025

Chain-of-Custody Record

Client: **Vertex (bill to Devon)**

Mailing Address 3101 Boyd Dr
Carlsbad, NM 88220

Phone : 575-725-5001

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☑ Rush 48 hr

Project Name:
White Dove 17 CTB 3

Project #:
24E-03262

Project Manager:
Sally Carttar

scarttar@vertexresource.com

Sampler: J. Rewis
On Ice: ☑ Yes ☐ No mgi
# of Coolers: 1
Cooler Temp(including CF): 5.8 +0.2 = 6.0 °C

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
4.16..25	8:15	Soil	WS25-01 0'-4'	4oz jar	ICE		x	x					x									
4.16.25	8:20	Soil	WS25-02 0'-8'	4oz jar	ICE		x	x					x									
4.16.25	8:25	Soil	WS25-03 0'-8'	4oz jar	ICE		x	x					x									
4.17.25	9:00	Soil	WS25-04 0'-4'	4oz jar	ICE		x	x					x									
4.17.25	9:05	Soil	WS25-05 0'-1'	4oz jar	ICE		x	x					x									
4.17.25	9:10	Soil	WS25-06 1'-4'	4oz jar	ICE		x	x					x									
4.16.25	8:20	Soil	WS25-07 1'-4'	4oz jar	ICE		x	x					x									
4.16.25	14:00	Soil	WS25-08 4'-8'	4oz jar	ICE		x	x					x									
4.16.25	8:25	Soil	WS25-09 0'-4'	4oz jar	ICE		x	x					x									
4.16.25	8:30	Soil	WS25-10 0'-1'	4oz jar	ICE		x	x					x									
4.17.25	9:40	Soil	WS25-11 0'-2'	4oz jar	ICE		x	x					x									
4.17.25	9:45	Soil	WS25-12 0'-4'	4oz jar	ICE		x	x					x									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4.21.25	1030				4/21/25	1030
4/21/25	1900			Courier	4/22/25	7:50

Remarks: ATTN: Jim Raley
Direct Bill to Devon Energy Production Company Pg 2/3
Work Order# 213637778
CC.Scarttar@vertexresource.com for Final Report.
permian@vertexresource.com

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

Chain-of-Custody Record

Client: **Vertex (bill to Devon)**

Mailing Address 3101 Boyd Dr
Carlsbad, NM 88220

Phone : 575-725-5001

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☑ Rush 48 hr

Project Name:
White Dove 17 CTB 3

Project #:
24E-03262

Project Manager:
Sally Carttar
scarttar@vertexresource.com

Sampler: J. Rewis
On Ice: ☑ Yes ☐ No mgi
# of Coolers: 1
Cooler Temp(including CF): 5.8 +0.2=6.0 °C

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4.17..25	9:50	Soil	WS25-13 4'-8'	4oz jar	ICE		x	x					x			
4.17..25	9:55	Soil	WS25-14 4'-8'	4oz jar	ICE		x	x					x			
4.17..25	10:00	Soil	WS25-15 8'-11'	4oz jar	ICE		x	x					x			
4.17..25	10:05	Soil	WS25-16 8'-10'	4oz jar	ICE		x	x					x			
4.17..25	10:10	Soil	WS25-17 ~~0'-1'~~ 2'-4'	4oz jar	ICE		x	x					x			
4.18.25	9:00	Soil	Backfill-01 0'	4oz jar	ICE		x	x					x			
4.18.25	9:05	Soil	Backfill-02 0'	4oz jar	ICE		x	x					x			

percent moisture

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4.21.25	1030				4/21/25	1030
4/21/25	1900			courier	4/22/25	7:50

Remarks: ATTN: Jim Raley
Direct Bill to Devon Energy Production Company Pg 3/3
Work Order# 213637778
CC Scarttar@vertexresource.com for Final Report.
permian@vertexresource.com

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

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-23532-1

Login Number: 23532 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/14/2025 5:18:59 PM

JOB DESCRIPTION

White Dove 17 CTB 3

JOB NUMBER

885-30630-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
8/14/2025 5:18:59 PM

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

Client: Vertex
Project/Site: White Dove 17 CTB 3

Laboratory Job ID: 885-30630-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-30630-1
Project/Site: White Dove 17 CTB 3

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: White Dove 17 CTB 3

Job ID: 885-30630-1

Job ID: 885-30630-1 Eurofins Albuquerque

Job Narrative
885-30630-1

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 8/9/2025 7:50 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 1.5°C.

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

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

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

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

Client Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-30630-1

Client Sample ID: WS25-03 0-8'

Date Collected: 08/07/25 08:10
Date Received: 08/09/25 07:50

Lab Sample ID: 885-30630-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		08/12/25 10:30	08/13/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*08/12/25 10:30*	*08/13/25 14:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/12/25 10:30	08/13/25 14:41	1
Ethylbenzene	ND		0.049		mg/Kg		08/12/25 10:30	08/13/25 14:41	1
Toluene	ND		0.049		mg/Kg		08/12/25 10:30	08/13/25 14:41	1
Xylenes, Total	ND		0.098		mg/Kg		08/12/25 10:30	08/13/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*08/12/25 10:30*	*08/13/25 14:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0		mg/Kg		08/12/25 12:26	08/13/25 13:20	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		08/12/25 12:26	08/13/25 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/12/25 12:26*	*08/13/25 13:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/13/25 09:16	08/13/25 11:20	20

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-30630-1

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

Lab Sample ID: MB 885-32094/1-A
Matrix: Solid
Analysis Batch: 32249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32094

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		08/12/25 10:30	08/13/25 14:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*08/12/25 10:30*	*08/13/25 14:19*	*1*

Lab Sample ID: LCS 885-32094/2-A
Matrix: Solid
Analysis Batch: 32249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32094

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	22.2		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*214*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-32094/1-A
Matrix: Solid
Analysis Batch: 32256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32094

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/12/25 10:30	08/13/25 14:19	1
Ethylbenzene	ND		0.050		mg/Kg		08/12/25 10:30	08/13/25 14:19	1
Toluene	ND		0.050		mg/Kg		08/12/25 10:30	08/13/25 14:19	1
Xylenes, Total	ND		0.10		mg/Kg		08/12/25 10:30	08/13/25 14:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*08/12/25 10:30*	*08/13/25 14:19*	*1*

Lab Sample ID: LCS 885-32094/3-A
Matrix: Solid
Analysis Batch: 32256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32094

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	0.981		mg/Kg		98	70 - 130		
m-Xylene & p-Xylene			2.00	1.95		mg/Kg		98	70 - 130		
o-Xylene			1.00	0.969		mg/Kg		97	70 - 130		
Toluene			1.00	0.973		mg/Kg		97	70 - 130		

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

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-30630-1

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

Lab Sample ID: MB 885-32115/1-A
Matrix: Solid
Analysis Batch: 32208

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32115

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/12/25 12:26	08/13/25 10:35	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/12/25 12:26	08/13/25 10:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*08/12/25 12:26*	*08/13/25 10:35*	*1*

Lab Sample ID: LCS 885-32115/2-A
Matrix: Solid
Analysis Batch: 32208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32115

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	44.7		mg/Kg		89	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-32198/1-A
Matrix: Solid
Analysis Batch: 32211

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32198

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/13/25 09:16	08/13/25 10:40	1

Lab Sample ID: LCS 885-32198/2-A
Matrix: Solid
Analysis Batch: 32211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32198

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.7		mg/Kg		98	90 - 110		

Lab Sample ID: 885-30630-1 MS
Matrix: Solid
Analysis Batch: 32211

Client Sample ID: WS25-03 0-8'
Prep Type: Total/NA
Prep Batch: 32198

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		30.1	81.0		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-30630-1 MSD
Matrix: Solid
Analysis Batch: 32211

Client Sample ID: WS25-03 0-8'
Prep Type: Total/NA
Prep Batch: 32198

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		30.1	79.4		mg/Kg		NC	50 - 150	2	20

QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3

Job ID: 885-30630-1

GC VOA

Prep Batch: 32094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30630-1	WS25-03 0-8'	Total/NA	Solid	5030C	
MB 885-32094/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-32094/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-32094/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 32249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30630-1	WS25-03 0-8'	Total/NA	Solid	8015M/D	32094
MB 885-32094/1-A	Method Blank	Total/NA	Solid	8015M/D	32094
LCS 885-32094/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32094

Analysis Batch: 32256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30630-1	WS25-03 0-8'	Total/NA	Solid	8021B	32094
MB 885-32094/1-A	Method Blank	Total/NA	Solid	8021B	32094
LCS 885-32094/3-A	Lab Control Sample	Total/NA	Solid	8021B	32094

GC Semi VOA

Prep Batch: 32115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30630-1	WS25-03 0-8'	Total/NA	Solid	SHAKE	
MB 885-32115/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-32115/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 32208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30630-1	WS25-03 0-8'	Total/NA	Solid	8015M/D	32115
MB 885-32115/1-A	Method Blank	Total/NA	Solid	8015M/D	32115
LCS 885-32115/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32115

HPLC/IC

Prep Batch: 32198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30630-1	WS25-03 0-8'	Total/NA	Solid	300_Prep	
MB 885-32198/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-32198/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-30630-1 MS	WS25-03 0-8'	Total/NA	Solid	300_Prep	
885-30630-1 MSD	WS25-03 0-8'	Total/NA	Solid	300_Prep	

Analysis Batch: 32211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30630-1	WS25-03 0-8'	Total/NA	Solid	300.0	32198
MB 885-32198/1-A	Method Blank	Total/NA	Solid	300.0	32198
LCS 885-32198/2-A	Lab Control Sample	Total/NA	Solid	300.0	32198
885-30630-1 MS	WS25-03 0-8'	Total/NA	Solid	300.0	32198
885-30630-1 MSD	WS25-03 0-8'	Total/NA	Solid	300.0	32198

Lab Chronicle

Client: Vertex
Job ID: 885-30630-1
Project/Site: White Dove 17 CTB 3

Client Sample ID: WS25-03 0-8'
Lab Sample ID: 885-30630-1

Date Collected: 08/07/25 08:10
Matrix: Solid

Date Received: 08/09/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			32094	KLS	EET ALB	08/12/25 10:30
Total/NA	Analysis	8015M/D		1	32249	AT	EET ALB	08/13/25 14:41
Total/NA	Prep	5030C			32094	KLS	EET ALB	08/12/25 10:30
Total/NA	Analysis	8021B		1	32256	AT	EET ALB	08/13/25 14:41
Total/NA	Prep	SHAKE			32115	JM	EET ALB	08/12/25 12:26
Total/NA	Analysis	8015M/D		1	32208	EM	EET ALB	08/13/25 13:20
Total/NA	Prep	300_Prep			32198	RC	EET ALB	08/13/25 09:16
Total/NA	Analysis	300.0		20	32211	RC	EET ALB	08/13/25 11:20

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-30630-1
Project/Site: White Dove 17 CTB 3

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 213637778)

Mailing Address:

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
X ~~Standard~~ X PUSH 48 HOUR

Project Name:
White Dove 17 CTB 3

Project #:
24E-03262

Project Manager:
Kent Stallings

kstallings@vertexresource.com

Sampler: L. Pullman

On Ice: ☒ Yes ☐ No CHUCKY

# of Coolers: 1

Cooler Temp (including CF): 1.3+0.2= 1.5°c

HALL ENVIRONMENTAL ANALYSIS LABO

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8

Tel. 505-345-3975 Fax 505-345-410

885-30630 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
08.07.25	8:10	Soil	WS25-03 0-8'	1, 4oz jar			X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
8-8-25	0700	Sabrina Pullman				
8/8/25	1900			COURIER	8/9/25	0750

Remarks: ATTN Jim Raley
Direct bill to Devon work order 213637778 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@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: 885-30630-1

Login Number: 30630 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 534239

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534239
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2417440880**
Incident Name	**NAPP2417440880 WHITE DOVE 17 CTB 3 @ FAPP2209631085**
Incident Type	**Produced Water Release**
Incident Status	**Deferral Request Received**
Incident Facility	**[fAPP2209631085] WHITE DOVE 17 CTB 3**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WHITE DOVE 17 CTB 3
Date Release Discovered	06/21/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Separator | Produced Water | Released: 6 BBL | Recovered: 5 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Operator found a pin hole on the water side of the separator. Isolated lines to stop the leak. 5.5 bbls spilled onto pad. 5 bbls recovered

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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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534239
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/12/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534239
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	21000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	93
GRO+DRO (EPA SW-846 Method 8015M)	38
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	04/14/2025
On what date will (or did) the final sampling or liner inspection occur	08/07/2025
On what date will (or was) the remediation complete(d)	04/18/2025
What is the estimated surface area (in square feet) that will be reclaimed	1321
What is the estimated volume (in cubic yards) that will be reclaimed	255
What is the estimated surface area (in square feet) that will be remediated	1321
What is the estimated volume (in cubic yards) that will be remediated	255
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.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534239
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/12/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534239
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Separators, pipe rack, and adjacent infrastructure
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	1419
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	211
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2209631085 WHITE DOVE 17 CTB 3
Enter the well API (30-) on which this deferral should be granted	*Not answered.*
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 09/08/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534239
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**492042**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/07/2025**
What was the (estimated) number of samples that were to be gathered	**1**
What was the sampling surface area in square feet	**100**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 534239

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534239
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Devon's deferral requests final remediation for (Incident Number NAPP2417440880) until final reclamation of the well pad/facility or major construction, whichever comes first. Vertex and Devon do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The impacted soil is the area designated as "Remediation Deferral Area" on figure 3 that is limited to production equipment and infrastructure within the release area, where remediation would require major facility deconstruction. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and placed in the incident file. The release will remain open in OCD database files and reflect an open environmental issue.	1/6/2026