

Environmental Site Remediation Work Plan

General Information

NMOCD District: District 1
 Landowner: Federal
 Client: Devon Energy Production Company, LP
 Date: December 3, 2025
 Client Contact: Jim Raley
 Vertex PM: Sally Carttar

Incident ID: nAPP2529639365
 Facility: fAPP2209631085
 Site Location: White Dove 17 CTB 3
 Project #: 25A-05744
 Phone #: 575.689.7597
 Phone #: 575.361.3561

Objective

The objective of the environmental remediation work plan is to identify exceedances found during the site assessment/characterization activity and propose an appropriate remediation technique to address the crude oil release at White Dove 17 CTB 3 (hereafter referred to as "site"). The release occurred due to a broken site glass and resulted in 15 barrels (bbl) of crude oil being released on the facility pad, shown on Figure 1 (Attachment 1). Areas of environmental concern identified and delineated include the separator processing equipment area and below the associated pipe racks. Closure criteria has been selected as per New Mexico Administrative Code (NMAC) 19.15.29. The closure criteria for the site are presented below in Table 1.

Table 1. 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 = gasoline range organics (GRO) + diesel range organics (DRO) + motor oil range organics (MRO),

BTEX - Benzene, toluene, ethylbenzene, and xylenes

Site Assessment/Characterization

Site characterization including horizontal and vertical delineation of the release was completed between November 11 and 13, 2025. A total of 12 boreholes were established and samples collected for field screening. In total, 29 samples were submitted to Eurofins Laboratory in Albuquerque, New Mexico, for analysis. The sample locations are presented on Figure 1 (Attachment 1). Laboratory analysis results have been compared to the above noted closure criteria and the results from the characterization activity are presented in Table 2 (Attachment 2). Exceedances to reclamation and remediation criteria are identified in the table as bold with grey background. Daily field reports and laboratory data reports are included in Attachments 3 and 4, respectively. All applicable research as it pertains to closure criteria selection is presented in Attachment 5.

Proposed Remedial Activities

The release area will be remediated to the above closure criteria. Areas identified with contaminant concentrations above closure criteria will be remediated through excavation. Laboratory results from delineation have been referenced to estimate both the vertical and horizontal limits of the impacts and the volume of soil to be removed. Exceedances to closure criteria identified north of the separators will be remediated to closure criteria via excavation. Heavy equipment will be used to excavate open areas on the pad to remove

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Environmental Site Remediation Work Plan

contaminated soil. A hydrovac truck may be utilized to identify utility and buried pipelines where necessary, and hand tools will be utilized to remove contaminated soil in close proximity to equipment, buried utilities, and pipelines.

Soil in open areas will be excavated to the extent of the known impacts or in 1 foot increments, whichever is less. Soil in immediate proximity to equipment will have the surface staining manually removed with hand tools and undergo no additional excavation to maintain ground stability around. Field screening will be utilized to confirm removal of impacted soil below the applicable closure criteria. Excavated soils will be stored on a 30mil liner prior to disposal at an approved facility. Once excavation is complete, confirmation samples will be collected as per New Mexico Oil Conservation Division guidance and submitted for laboratory analysis of all applicable parameters.

The areas under and in immediate proximity to equipment may require deferral depending on the results of confirmation sampling. The need for deferral will be evaluated once excavation has been completed and laboratory results are available.

Sample Point	Excavation Depth	Remediation Method
BH25-09	0.25	Handcrew/Hydrovac
BH25-10	1	Backhoe/Handcrew
BH25-11	1	Backhoe/Handcrew
BH25-12	1	Backhoe/Handcrew

The estimated remediation area is approximately 1,804 square feet as presented on Figure 1 (Attachment 1). The total estimated volume to be excavated is **approximately 46 cubic yards**. The excavation is planned to be completed within 90 days of approval of this Environmental Site Remediation Work Plan.

Should you have any questions or concerns, please do not hesitate to contact the Project Manager, Sally Carttar at 575.361.3561 or scarttar@vertexresource.com.

Lakin Pullman

Lakin Pullman, B.Sc.

ENVIRONMENTAL SPECIALIST, REPORTING

December 3, 2025

Date

Sally Carttar

Sally Carttar, BA

PROJECT MANAGER, REPORT REVIEW

December 11, 2025

Date

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Environmental Site Remediation Work Plan

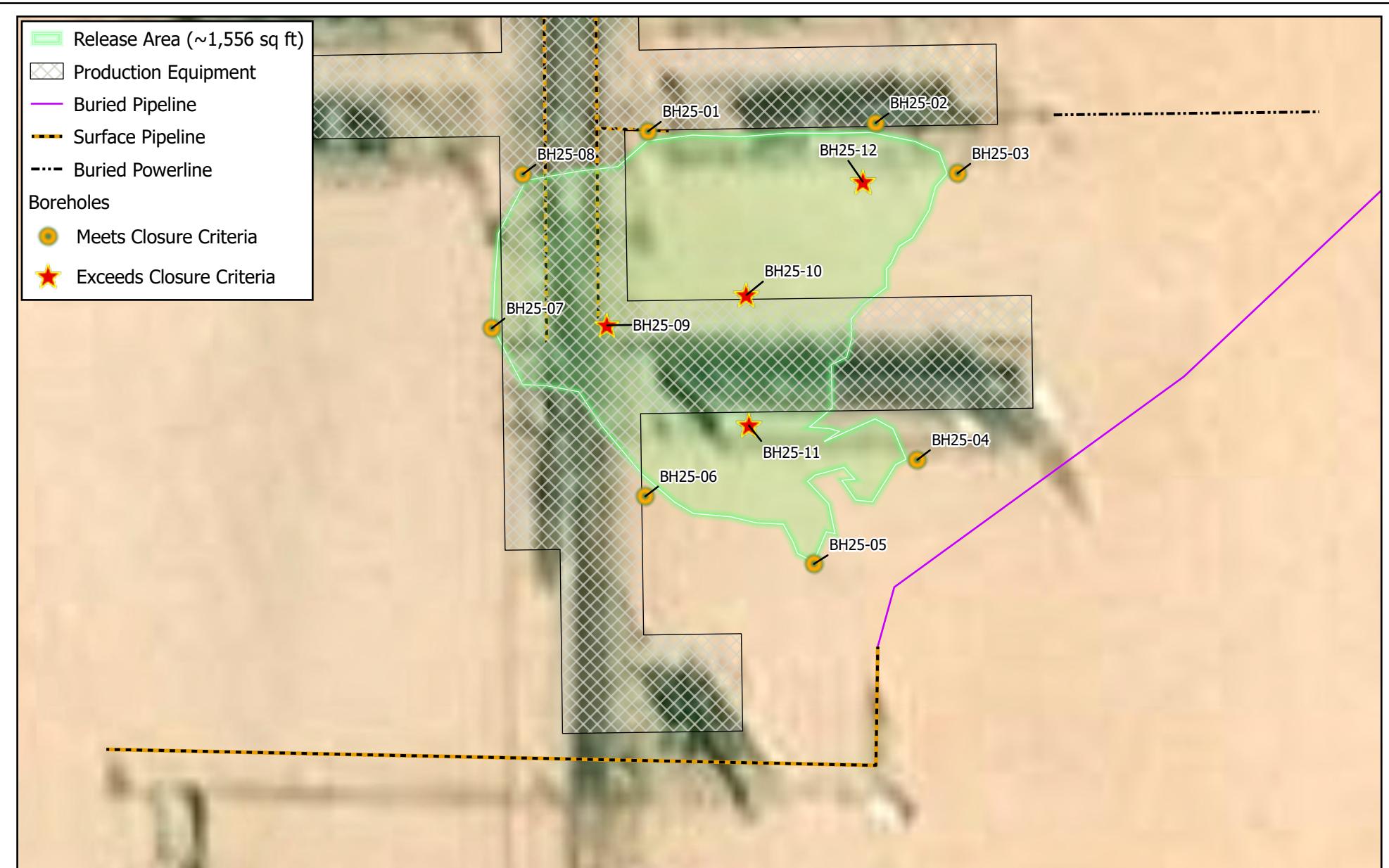
Attachments

- Attachment 1. Characterization Sampling Site Schematic
- Attachment 2. Initial Characterization Sample Laboratory Results
- Attachment 3. Daily Field Reports with Photographs
- Attachment 4. Laboratory Data Reports with Chain of Custody Forms
- Attachment 5. Closure Criteria Research



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ATTACHMENT 1



0 10 20 ft
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.309375°N, 103.494394°W
Date: Nov 15/25



Characterization Sampling Site Schematic White Dove 17 CTB 3

FIGURE:
1



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

Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

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ATTACHMENT 2

Client Name: Devon Energy Production Company, LP

Site Name: White Dove 17 CTB 3

NMOCD Tracking #: nAPP2529639365

Project #: 25A-05744

Lab Reports: 885-37653-1, 885-37637-1, and 885-37828-1

Table 2. Initial Characterization Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons						Inorganic	
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)		Chloride Concentration	Volatile		Extractable		Total Petroleum Hydrocarbons (TPH)	Chloride Concentration		
			Volatile Organic Compounds (ppm)	Extractable Organic Compounds (PetroFlag) (ppm)		Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)		
			(ppm)	(ppm)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
Depth to Groundwater > 100 feet bgs													
BH25-01	0	November 11, 2025	24	106	105	ND	ND	ND	47	63	47	110	ND
	2	November 11, 2025	15	28	40	ND	ND	ND	ND	ND	ND	ND	ND
BH25-02	0	November 11, 2025	4	23	93	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 11, 2025	21	18	66	ND	ND	ND	ND	ND	ND	ND	ND
BH25-03	0	November 11, 2025	2	16	134	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 11, 2025	8	13	184	ND	ND	ND	ND	ND	ND	ND	ND
BH25-04	0	November 11, 2025	12	18	176	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 11, 2025	91	88	90	ND	ND	ND	ND	ND	ND	ND	ND
BH25-05	0	November 12, 2025	2	9	62	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 12, 2025	16	19	241	ND	ND	ND	ND	ND	ND	ND	ND
BH25-06	0	November 12, 2025	4	9	69	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 12, 2025	32	29	164	ND	ND	ND	ND	ND	ND	ND	ND
BH25-07	0	November 12, 2025	2	8	184	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 12, 2025	2	36	184	ND	ND	ND	ND	ND	ND	ND	ND
BH25-08	0	November 12, 2025	2	26	400	ND	ND	ND	ND	48	ND	48	160
	2	November 12, 2025	2	13	148	ND	ND	ND	ND	ND	ND	ND	ND
BH25-09	0	November 12, 2025	5	-	523	ND	0.077	ND	20,000	20,000	20,000	40,000	96
	2	November 12, 2025	7	16	18	ND	ND	ND	ND	ND	ND	ND	ND
BH25-10	4	November 12, 2025	13	13	152	ND	ND	ND	ND	ND	ND	ND	ND
	0	November 12, 2025	217	-	7,962	2	48	1,100	73,000	40,000	74,100	114,100	1,500
BH25-11	2	November 12, 2025	435	134	1,581	ND	ND	ND	ND	ND	ND	ND	800
	4	November 12, 2025	68	29	1,249	ND	ND	ND	ND	ND	ND	ND	690
BH25-11	5	November 13, 2025	223	22	340	ND	ND	ND	ND	ND	ND	ND	150
	0	November 12, 2025	173	-	15,929	0.54	11	220	31,000	19,000	31,220	50,220	13,000
BH25-12	2	November 13, 2025	721	130	1,225	ND	ND	ND	ND	ND	ND	ND	640
	4	November 13, 2025	102	19	90	ND	ND	ND	ND	ND	ND	ND	ND
BH25-12	0	November 13, 2025	230	-	245	0.7	81	1,000	24,000	12,000	25,000	37,000	ND
	2	November 13, 2025	177	17	236	ND	ND	ND	ND	ND	ND	ND	ND
	4	November 13, 2025	311	19	98	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

ATTACHMENT 3



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	napp2529639365
Site Location Name:	White Dove 17 CTB 3	API #:	
Inspection Date:	11/11/2025		

Summary of Times

Arrived at Site	11/11/2025 11:25 AM
Departed Site	11/11/2025 5:08 PM

Field Notes

11:38 Completed JSA on arrival. On site to determine initial borehole locations and start delineation of release between separators.

13:05 Determined locations of initial boreholes and mapped in ArcGIS. Swept borehole locations with magnetic locator prior to ground disturbance. Interference from the steel production equipment was present at most locations.

17:03 Advanced boreholes BH25-01 and BH25-02 off north edges of stained area. Samples were collected at 0 and 2 feet bgs.

17:04 Advanced boreholes BH25-03 and BH25-04 off east edges of stained area. Samples were collected at 0 and 2 feet bgs.

17:05 Field screening results for all samples were below NMOCD strictest criteria for chloride and TPH.

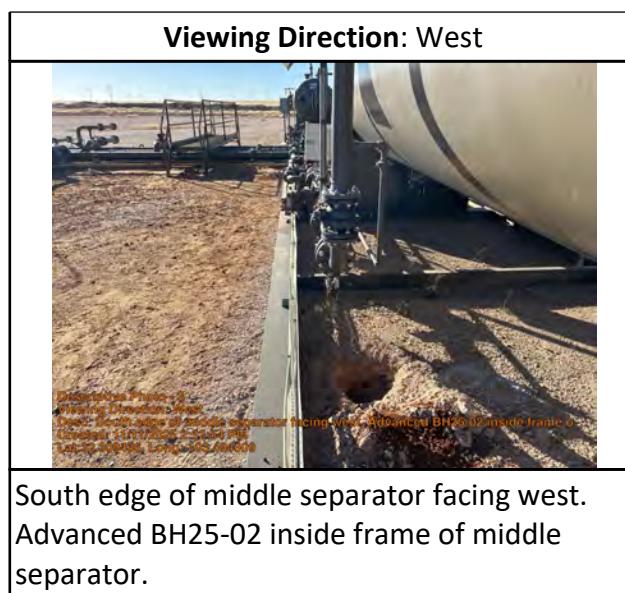
Next Steps & Recommendations

- 1 Continue delineation.



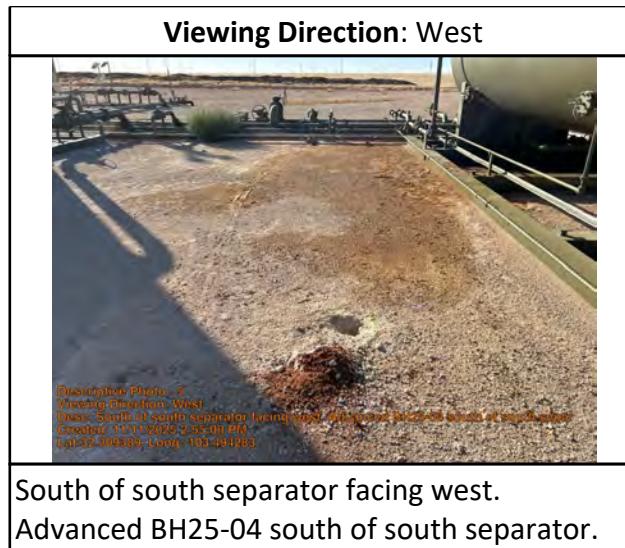
Daily Site Visit Report

Site Photos





Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:


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Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	napp2529639365
Site Location Name:	White Dove 17 CTB 3	API #:	
Inspection Date:	11/12/2025		

Summary of Times

Arrived at Site	11/12/2025 7:55 AM
Departed Site	11/12/2025 5:24 PM

Field Notes

8:04 Completed JSA on arrival. On site to continue delineation of release around southern two separators at facility.

8:30 Swept borehole locations with magnetic locator prior to ground disturbance. Interference was present at locations adjacent to equipment.

13:43 Advanced boreholes BH25-05 and BH25-06 off south and southwest edges of stained area, respectively. Samples were collected at 0 and 2 feet bgs.

16:56 Advanced boreholes BH25-07 and BH25-08 off west and northwest edges of stained area, respectively. Samples were collected at 0 and 2 feet bgs.

13:46 Field screening results for samples collected from BH25-05, BH25-06, BH25-07, and BH25-08 were below NMOCD strictest criteria for chloride and TPH.

16:59 Advanced boreholes BH25-09 inside release area and pipe rack. Advanced BH25-10 near point of release immediately north of south separator. Samples were collected at 0, 2, and 4 feet bgs.

17:01 Field screening results for samples collected at 2 and 4 feet bgs from BH25-09 were below NMOCD strictest criteria for chloride and TPH.

17:01 Field screening results for samples collected at 2 and 4 feet bgs from BH25-10 were below closure criteria for chloride and TPH.

17:05 Collected surface sample for BH25-11 immediately south of south separator. Borehole to be completed the following day.

17:05 Horizontal delineation completed pending laboratory results.

Daily Site Visit Report



Next Steps & Recommendations

- 1 Continue vertical delineation.

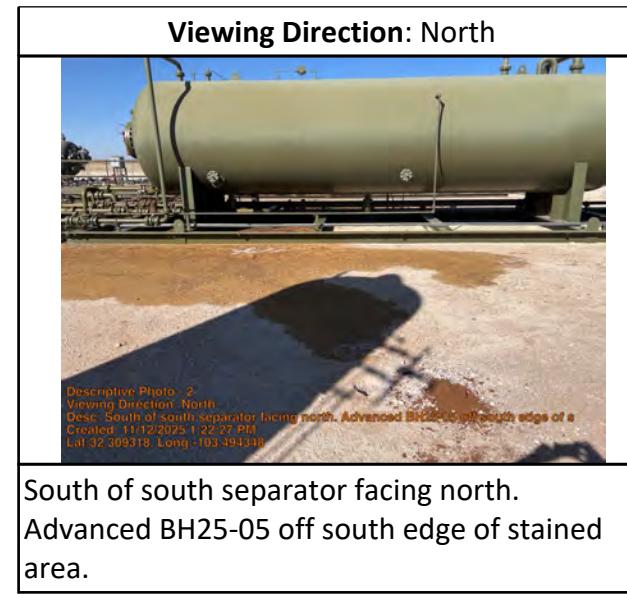


Daily Site Visit Report

Site Photos



At pad entrance facing northwest.



South of south separator facing north.
Advanced BH25-05 off south edge of stained area.

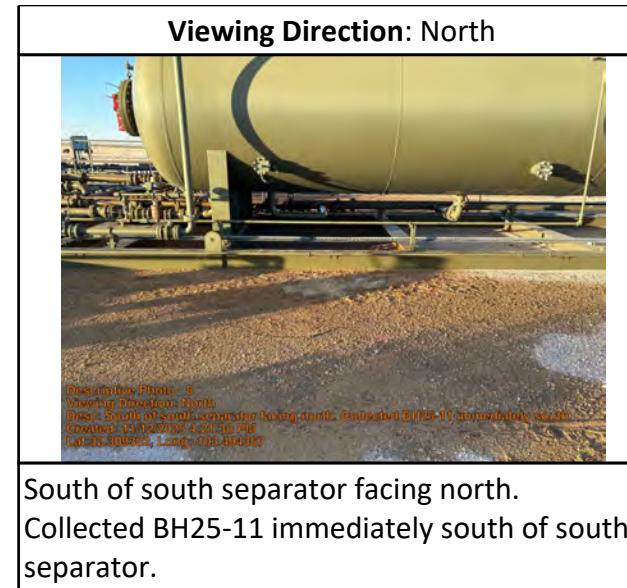
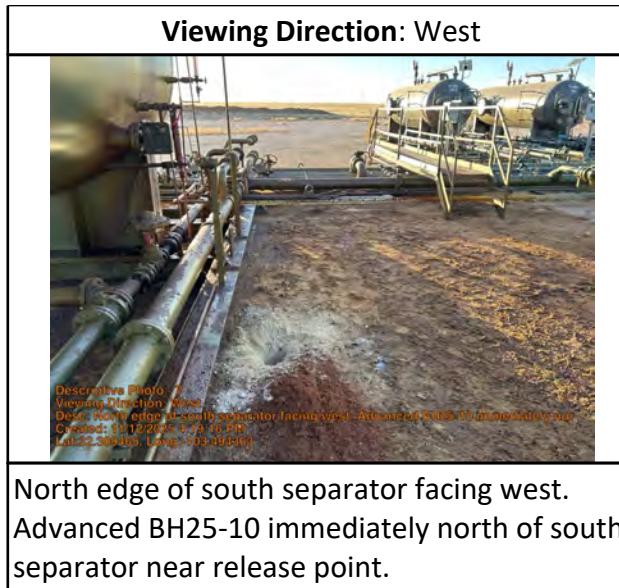


Daily Site Visit Report

<p>Viewing Direction: North</p>  <p>Descriptive Photo - 3 Viewing Direction: North Desc: South southwest of south separator facing north. Advanced BH25-06 off south Created: 11/12/2025 1:22:28 PM Lat:32.309362, Long:-103.494422</p>	<p>Viewing Direction: East</p>  <p>Descriptive Photo - 4 Viewing Direction: East Desc: West south separator facing east. Advanced BH25-07 west of pipe rack. Created: 11/12/2025 1:26:22 PM Lat:32.309412, Long:-103.494487</p>
<p>South-southwest of south separator facing north. Advanced BH25-06 off southwest edge of stained area.</p>	<p>West south separator facing east. Advanced BH25-07 west of pipe rack.</p>
<p>Viewing Direction: Southeast</p>  <p>Descriptive Photo - 5 Viewing Direction: Southeast Desc: West of middle separator facing southeast. Advanced BH25-08 off northwest edge of stained area. Created: 11/12/2025 1:26:47 PM Lat:32.309457, Long:-103.494360</p>	<p>Viewing Direction: South</p>  <p>Descriptive Photo - 6 Viewing Direction: South Desc: Northwest of south separator facing south. Advanced BH25-09 inside pipe rack and stained area. Created: 11/12/2025 1:27:15 PM Lat:32.309454, Long:-103.494324</p>
<p>West of middle separator facing southeast. Advanced BH25-08 off northwest edge of stained area.</p>	<p>Northwest of south separator facing south. Advanced BH25-09 inside pipe rack and stained area.</p>



Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:



A handwritten signature in black ink, appearing to read 'Lakin Pullman', is written over a horizontal line. Below the line, the word 'Signature' is printed in a small, sans-serif font.



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	napp2529639365
Site Location Name:	White Dove 17 CTB 3	API #:	
Inspection Date:	11/13/2025		

Summary of Times

Arrived at Site	11/13/2025 9:45 AM
Departed Site	11/13/2025 2:24 PM

Field Notes

9:56 Completed JSA on arrival. On site to complete delineation and site mapping for remediation work plan.

10:18 Mapped adjusted borehole locations in ArcGIS and swept with magnetic locator prior to ground disturbance.

13:57 Increased depth of borehole BH25-10 to refusal at 5 feet bgs. Collected sample at 5 feet bgs. Field screening results were below NMOCD strictest criteria for chloride and TPH.

14:06 Advanced borehole BH25-11 at south edge of separator and south of point of release. Samples were collected at 2 and 4 feet bgs. Field screening results at feet bgs were within closure criteria when DTGW > 100 feet bgs. Field screening results at 4 feet were below NMOCD strictest criteria for chloride and TPH.

14:10 Advanced BH25-12 between south and middle separators northeast of BH25-10. Samples were collected at 0, 2, and 4 feet bgs. Field screening results at 2 and 4 feet were below NMOCD strictest criteria for chloride and TPH.

14:10 Horizontal and vertical delineation completed pending laboratory results.

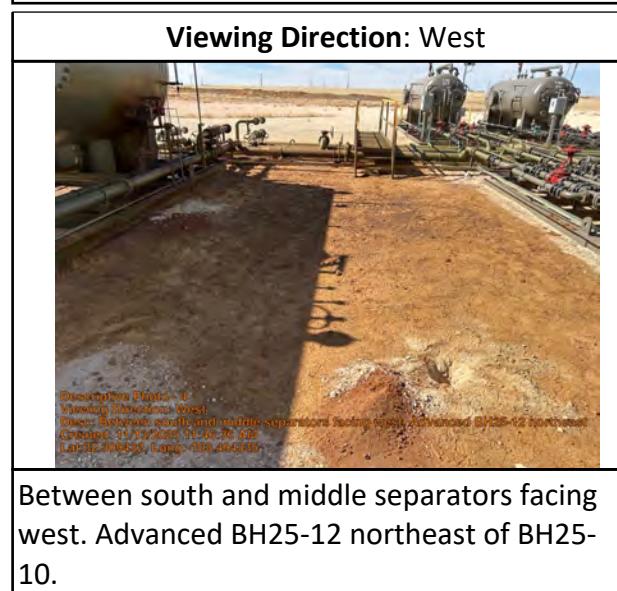
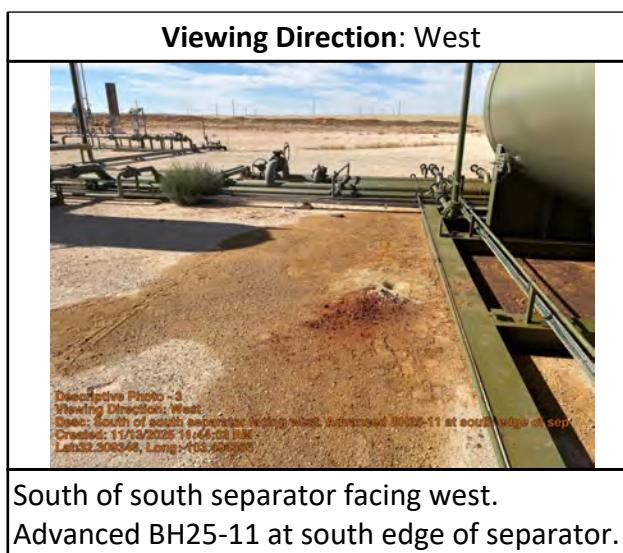
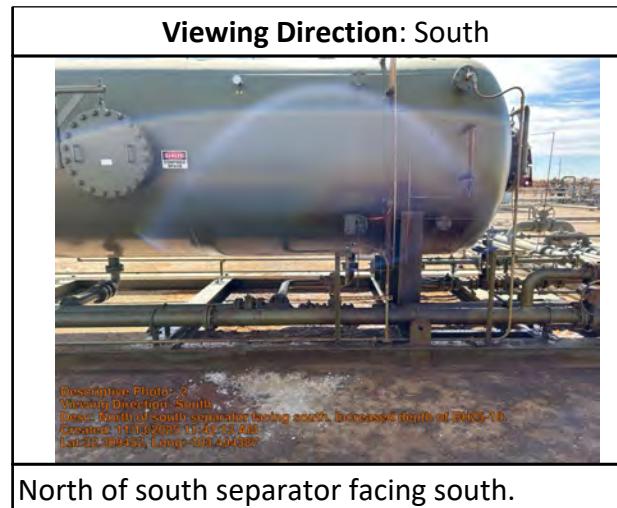
Next Steps & Recommendations

- 1 Submit samples to laboratory for analyses.
- 2 Write remediation work plan.



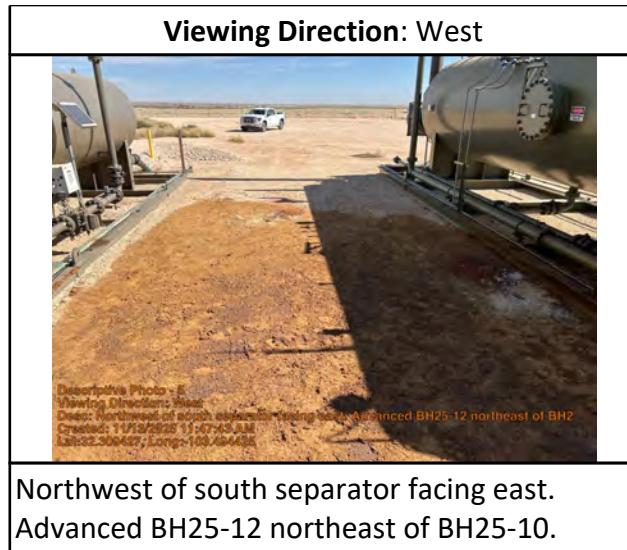
Daily Site Visit Report

Site Photos





Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

A handwritten signature in black ink, appearing to read 'LP', is placed over a horizontal line. Below the line, the word 'Signature' is written in a smaller font.

ATTACHMENT 4



Environment Testing

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11

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings

Vertex

3101 Boyd Dr

Carlsbad, New Mexico 88220

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JOB DESCRIPTION

White Dove 17 CTB 3

JOB NUMBER

885-37653-1

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



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

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11/18/2025 4:02:51 PM

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

Laboratory Job ID: 885-37653-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-37653-1

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

Eurofins Albuquerque

Case Narrative

Client: Vertex
Project: White Dove 17 CTB 3

Job ID: 885-37653-1

Job ID: 885-37653-1**Eurofins Albuquerque****Job Narrative
885-37653-1**

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

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

Receipt

The samples were received on 11/14/2025 7:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37653-1

Client Sample ID: BH25-01 0'
 Date Collected: 11/11/25 13:11
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37653-1
 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		11/15/25 12:00	11/18/25 07:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			11/15/25 12:00	11/18/25 07:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/15/25 12:00	11/18/25 07:26	1
Ethylbenzene	ND		0.049	mg/Kg		11/15/25 12:00	11/18/25 07:26	1
Toluene	ND		0.049	mg/Kg		11/15/25 12:00	11/18/25 07:26	1
Xylenes, Total	ND		0.098	mg/Kg		11/15/25 12:00	11/18/25 07:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/15/25 12:00	11/18/25 07:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	47		9.9	mg/Kg		11/17/25 10:25	11/17/25 20:46	1
Motor Oil Range Organics [C28-C40]	63		50	mg/Kg		11/17/25 10:25	11/17/25 20:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			11/17/25 10:25	11/17/25 20:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/16/25 11:30	11/16/25 23:31	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37653-1

Client Sample ID: BH25-01 2'
 Date Collected: 11/11/25 13:24
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37653-2
 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		4.9	mg/Kg		11/15/25 12:00	11/18/25 07:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			11/15/25 12:00	11/18/25 07:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/15/25 12:00	11/18/25 07:49	1
Ethylbenzene	ND		0.049	mg/Kg		11/15/25 12:00	11/18/25 07:49	1
Toluene	ND		0.049	mg/Kg		11/15/25 12:00	11/18/25 07:49	1
Xylenes, Total	ND		0.098	mg/Kg		11/15/25 12:00	11/18/25 07:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			11/15/25 12:00	11/18/25 07:49	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		9.7	mg/Kg		11/17/25 10:25	11/17/25 20:58	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/17/25 10:25	11/17/25 20:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			11/17/25 10:25	11/17/25 20:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/16/25 11:30	11/16/25 23:41	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37653-1

Client Sample ID: BH25-02 0'
 Date Collected: 11/11/25 13:28
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37653-3
 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		4.9	mg/Kg		11/15/25 12:00	11/18/25 08:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			11/15/25 12:00	11/18/25 08:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/15/25 12:00	11/18/25 08:12	1
Ethylbenzene	ND		0.049	mg/Kg		11/15/25 12:00	11/18/25 08:12	1
Toluene	ND		0.049	mg/Kg		11/15/25 12:00	11/18/25 08:12	1
Xylenes, Total	ND		0.098	mg/Kg		11/15/25 12:00	11/18/25 08:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			11/15/25 12:00	11/18/25 08:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		11/17/25 10:25	11/17/25 21:10	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/17/25 10:25	11/17/25 21:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			11/17/25 10:25	11/17/25 21:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/16/25 11:30	11/16/25 23:52	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37653-1

Client Sample ID: BH25-02 2'
 Date Collected: 11/11/25 13:48
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37653-4
 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		11/15/25 12:00	11/18/25 08:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			11/15/25 12:00	11/18/25 08:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/15/25 12:00	11/18/25 08:36	1
Ethylbenzene	ND		0.048	mg/Kg		11/15/25 12:00	11/18/25 08:36	1
Toluene	ND		0.048	mg/Kg		11/15/25 12:00	11/18/25 08:36	1
Xylenes, Total	ND		0.097	mg/Kg		11/15/25 12:00	11/18/25 08:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/15/25 12:00	11/18/25 08:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		11/17/25 10:25	11/17/25 21:21	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/17/25 10:25	11/17/25 21:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			11/17/25 10:25	11/17/25 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		11/16/25 12:13	11/16/25 14:36	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37653-1

Client Sample ID: BH25-03 0'
 Date Collected: 11/11/25 13:51
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37653-5
 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		11/15/25 12:00	11/18/25 08:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			11/15/25 12:00	11/18/25 08:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/15/25 12:00	11/18/25 08:59	1
Ethylbenzene	ND		0.048	mg/Kg		11/15/25 12:00	11/18/25 08:59	1
Toluene	ND		0.048	mg/Kg		11/15/25 12:00	11/18/25 08:59	1
Xylenes, Total	ND		0.096	mg/Kg		11/15/25 12:00	11/18/25 08:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/15/25 12:00	11/18/25 08:59	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		9.9	mg/Kg		11/17/25 10:25	11/17/25 21:33	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/17/25 10:25	11/17/25 21:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			11/17/25 10:25	11/17/25 21:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/16/25 12:13	11/16/25 15:18	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37653-1

Client Sample ID: BH25-03 2'
 Date Collected: 11/11/25 14:04
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37653-6
 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		11/15/25 12:00	11/18/25 09:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			11/15/25 12:00	11/18/25 09:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/15/25 12:00	11/18/25 09:23	1
Ethylbenzene	ND		0.047	mg/Kg		11/15/25 12:00	11/18/25 09:23	1
Toluene	ND		0.047	mg/Kg		11/15/25 12:00	11/18/25 09:23	1
Xylenes, Total	ND		0.093	mg/Kg		11/15/25 12:00	11/18/25 09:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			11/15/25 12:00	11/18/25 09:23	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		9.4	mg/Kg		11/17/25 10:25	11/17/25 21:56	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/17/25 10:25	11/17/25 21:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			11/17/25 10:25	11/17/25 21:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/16/25 12:13	11/16/25 16:01	10

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Client Sample Results

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

Job ID: 885-37653-1

Client Sample ID: BH25-04 0'
 Date Collected: 11/11/25 14:16
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37653-7
 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		4.8	mg/Kg		11/15/25 12:00	11/18/25 09:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			11/15/25 12:00	11/18/25 09:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/15/25 12:00	11/18/25 09:46	1
Ethylbenzene	ND		0.048	mg/Kg		11/15/25 12:00	11/18/25 09:46	1
Toluene	ND		0.048	mg/Kg		11/15/25 12:00	11/18/25 09:46	1
Xylenes, Total	ND		0.096	mg/Kg		11/15/25 12:00	11/18/25 09:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/15/25 12:00	11/18/25 09:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		11/17/25 10:25	11/17/25 22:08	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/17/25 10:25	11/17/25 22:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			11/17/25 10:25	11/17/25 22:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/16/25 12:13	11/16/25 16:15	10

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Client Sample Results

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

Job ID: 885-37653-1

Client Sample ID: BH25-04 2'
 Date Collected: 11/11/25 14:31
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37653-8
 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		11/15/25 14:33	11/16/25 23:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		15 - 150			11/15/25 14:33	11/16/25 23:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/15/25 14:33	11/16/25 23:53	1
Ethylbenzene	ND		0.048	mg/Kg		11/15/25 14:33	11/16/25 23:53	1
Toluene	ND		0.048	mg/Kg		11/15/25 14:33	11/16/25 23:53	1
Xylenes, Total	ND		0.097	mg/Kg		11/15/25 14:33	11/16/25 23:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		15 - 150			11/15/25 14:33	11/16/25 23:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		11/17/25 10:24	11/17/25 23:00	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/17/25 10:24	11/17/25 23:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			11/17/25 10:24	11/17/25 23:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/16/25 12:13	11/16/25 16:57	10

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QC Sample Results

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

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

Lab Sample ID: MB 885-38532/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38581

Prep Batch: 38532

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/15/25 12:00	11/17/25 23:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		15 - 150	11/15/25 12:00	11/17/25 23:59	1

Lab Sample ID: LCS 885-38532/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38581

Prep Batch: 38532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	26.7		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	225		15 - 150			

Lab Sample ID: MB 885-38534/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38541

Prep Batch: 38534

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/15/25 14:33	11/16/25 14:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		15 - 150	11/15/25 14:33	11/16/25 14:22	1

Lab Sample ID: LCS 885-38534/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38541

Prep Batch: 38534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	29.1		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	234		15 - 150			

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38532/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38582

Prep Batch: 38532

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/15/25 12:00	11/17/25 23:59	1
Ethylbenzene	ND		0.050	mg/Kg		11/15/25 12:00	11/17/25 23:59	1
Toluene	ND		0.050	mg/Kg		11/15/25 12:00	11/17/25 23:59	1

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QC Sample Results

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

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

Lab Sample ID: MB 885-38532/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38582

Prep Batch: 38532

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	mg/Kg								
Xylenes, Total			ND		0.10	mg/Kg		11/15/25 12:00	11/17/25 23:59	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits	Unit	D	Prepared	Analyzed	Dil Fac
	4-Bromofluorobenzene (Surr)	106			15 - 150					

Lab Sample ID: LCS 885-38532/3-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38582

Prep Batch: 38532

Analyte	MB	MB	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	%Rec
	ND	mg/Kg								
Benzene			1.00	0.890		mg/Kg		89	70 - 130	
Ethylbenzene			1.00	0.907		mg/Kg		91	70 - 130	
m-Xylene & p-Xylene			2.00	1.80		mg/Kg		90	70 - 130	
o-Xylene			1.00	0.906		mg/Kg		91	70 - 130	
Toluene			1.00	0.896		mg/Kg		90	70 - 130	
Surrogate	MB	MB	%Recovery	Qualifier	Limits	Unit	D	Prepared	Analyzed	Dil Fac
	4-Bromofluorobenzene (Surr)	110			15 - 150					

Lab Sample ID: MB 885-38534/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38542

Prep Batch: 38534

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	mg/Kg								
Benzene			ND		0.025	mg/Kg		11/15/25 14:33	11/16/25 14:22	1
Ethylbenzene			ND		0.050	mg/Kg		11/15/25 14:33	11/16/25 14:22	1
Toluene			ND		0.050	mg/Kg		11/15/25 14:33	11/16/25 14:22	1
Xylenes, Total			ND		0.10	mg/Kg		11/15/25 14:33	11/16/25 14:22	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits	Unit	D	Prepared	Analyzed	Dil Fac
	4-Bromofluorobenzene (Surr)	115			15 - 150					

Lab Sample ID: LCS 885-38534/3-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38542

Prep Batch: 38534

Analyte	MB	MB	Result	Qualifier	Unit	D	%Rec	Limits	%Rec	
	ND	mg/Kg								
Benzene			1.00	0.906		mg/Kg		91	70 - 130	
Ethylbenzene			1.00	0.922		mg/Kg		92	70 - 130	
m-Xylene & p-Xylene			2.00	1.84		mg/Kg		92	70 - 130	
o-Xylene			1.00	0.895		mg/Kg		89	70 - 130	
Toluene			1.00	0.914		mg/Kg		91	70 - 130	
Surrogate	MB	MB	%Recovery	Qualifier	Limits	Unit	D	Prepared	Analyzed	Dil Fac
	4-Bromofluorobenzene (Surr)	115			15 - 150					

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QC Sample Results

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

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

Lab Sample ID: MB 885-38573/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38552

Prep Batch: 38573

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		11/17/25 10:24	11/17/25 18:40	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/17/25 10:24	11/17/25 18:40	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Sur)	74		62 - 134	11/17/25 10:24	11/17/25 18:40	1

Lab Sample ID: LCS 885-38573/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38552

Prep Batch: 38573

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec
	Result	Qualifier						Limits
Diesel Range Organics [C10-C28]			50.0	41.2		mg/Kg		51 - 148

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Sur)	73		62 - 134	11/17/25 10:24	11/17/25 18:40	1

Lab Sample ID: 885-37653-8 MS

Client Sample ID: BH25-04 2'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38552

Prep Batch: 38573

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec
	Result	Qualifier	Added	Result	Qualifier			Limits
Diesel Range Organics [C10-C28]	ND		48.8	46.4		mg/Kg		95 44 - 136

Surrogate	MS	MS	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Sur)	81		62 - 134	11/17/25 10:24	11/17/25 18:40	1

Lab Sample ID: 885-37653-8 MSD

Client Sample ID: BH25-04 2'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38552

Prep Batch: 38573

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec
	Result	Qualifier	Added	Result	Qualifier			RPD
Diesel Range Organics [C10-C28]	ND		47.9	42.0		mg/Kg		88 44 - 136 10 32

Surrogate	MSD	MSD	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Sur)	78		62 - 134	11/17/25 10:24	11/17/25 18:40	1

Lab Sample ID: MB 885-38574/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38550

Prep Batch: 38574

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		11/17/25 10:25	11/17/25 17:39	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/17/25 10:25	11/17/25 17:39	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

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

Lab Sample ID: MB 885-38574/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38550

Prep Batch: 38574

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)			88		62 - 134	11/17/25 10:25	11/17/25 17:39	1

Lab Sample ID: LCS 885-38574/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38550

Prep Batch: 38574

Analyte		Spike	LCS			%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]		50.0	44.0		mg/Kg		88	51 - 148

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
Di-n-octyl phthalate (Surr)			89		62 - 134

Lab Sample ID: 885-37653-7 MS

Client Sample ID: BH25-04 0'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38550

Prep Batch: 38574

Analyte	Sample	Sample	Spike	MS			%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]	ND		48.8	46.6		mg/Kg		95	44 - 136

Surrogate	MS	MS	%Recovery	Qualifier	Limits
Di-n-octyl phthalate (Surr)			91		62 - 134

Lab Sample ID: 885-37653-7 MSD

Client Sample ID: BH25-04 0'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38550

Prep Batch: 38574

Analyte	Sample	Sample	Spike	MSD			%Rec	RPD	
	Result	Qualifier	Added	Result	Qualifier	Unit	D	RPD	Limit
Diesel Range Organics [C10-C28]	ND		48.8	44.4		mg/Kg		91	44 - 136

Surrogate	MSD	MSD	%Recovery	Qualifier	Limits
Di-n-octyl phthalate (Surr)			89		62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38539/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38543

Prep Batch: 38539

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride			ND		5.1	mg/Kg		11/16/25 11:30	11/16/25 13:40	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-38539/2-A

Matrix: Solid

Analysis Batch: 38543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.7	49.3		mg/Kg		97	90 - 110

Lab Sample ID: MB 885-38540/1-A

Matrix: Solid

Analysis Batch: 38544

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38540

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		11/16/25 12:13	11/16/25 14:04	1

Lab Sample ID: LCS 885-38540/2-A

Matrix: Solid

Analysis Batch: 38544

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.7	49.0		mg/Kg		99	90 - 110

Lab Sample ID: 885-37653-4 MS

Matrix: Solid

Analysis Batch: 38544

Client Sample ID: BH25-02 2'

Prep Type: Total/NA

Prep Batch: 38540

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	RPD
Chloride	ND		49.7	55.4		mg/Kg		NC	50 - 150

Lab Sample ID: 885-37653-4 MSD

Matrix: Solid

Analysis Batch: 38544

Client Sample ID: BH25-02 2'

Prep Type: Total/NA

Prep Batch: 38540

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD
Chloride	ND		49.7	58.0		mg/Kg		NC	50 - 150

Lab Sample ID: 885-37653-5 MS

Matrix: Solid

Analysis Batch: 38544

Client Sample ID: BH25-03 0'

Prep Type: Total/NA

Prep Batch: 38540

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	RPD
Chloride	ND		50.0	60.6		mg/Kg		121	50 - 150

Lab Sample ID: 885-37653-5 MSD

Matrix: Solid

Analysis Batch: 38544

Client Sample ID: BH25-03 0'

Prep Type: Total/NA

Prep Batch: 38540

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD
Chloride	ND		49.8	59.9		mg/Kg		NC	50 - 150

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QC Association Summary

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

Job ID: 885-37653-1

GC VOA

Prep Batch: 38532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-1	BH25-01 0'	Total/NA	Solid	5030C	
885-37653-2	BH25-01 2'	Total/NA	Solid	5030C	
885-37653-3	BH25-02 0'	Total/NA	Solid	5030C	
885-37653-4	BH25-02 2'	Total/NA	Solid	5030C	
885-37653-5	BH25-03 0'	Total/NA	Solid	5030C	
885-37653-6	BH25-03 2'	Total/NA	Solid	5030C	
885-37653-7	BH25-04 0'	Total/NA	Solid	5030C	
MB 885-38532/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38532/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38532/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 38534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-8	BH25-04 2'	Total/NA	Solid	5030C	
MB 885-38534/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38534/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38534/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 38541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-8	BH25-04 2'	Total/NA	Solid	8015M/D	38534
MB 885-38534/1-A	Method Blank	Total/NA	Solid	8015M/D	38534
LCS 885-38534/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38534

Analysis Batch: 38542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-8	BH25-04 2'	Total/NA	Solid	8021B	38534
MB 885-38534/1-A	Method Blank	Total/NA	Solid	8021B	38534
LCS 885-38534/3-A	Lab Control Sample	Total/NA	Solid	8021B	38534

Analysis Batch: 38581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-1	BH25-01 0'	Total/NA	Solid	8015M/D	38532
885-37653-2	BH25-01 2'	Total/NA	Solid	8015M/D	38532
885-37653-3	BH25-02 0'	Total/NA	Solid	8015M/D	38532
885-37653-4	BH25-02 2'	Total/NA	Solid	8015M/D	38532
885-37653-5	BH25-03 0'	Total/NA	Solid	8015M/D	38532
885-37653-6	BH25-03 2'	Total/NA	Solid	8015M/D	38532
885-37653-7	BH25-04 0'	Total/NA	Solid	8015M/D	38532
MB 885-38532/1-A	Method Blank	Total/NA	Solid	8015M/D	38532
LCS 885-38532/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38532

Analysis Batch: 38582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-1	BH25-01 0'	Total/NA	Solid	8021B	38532
885-37653-2	BH25-01 2'	Total/NA	Solid	8021B	38532
885-37653-3	BH25-02 0'	Total/NA	Solid	8021B	38532
885-37653-4	BH25-02 2'	Total/NA	Solid	8021B	38532
885-37653-5	BH25-03 0'	Total/NA	Solid	8021B	38532
885-37653-6	BH25-03 2'	Total/NA	Solid	8021B	38532
885-37653-7	BH25-04 0'	Total/NA	Solid	8021B	38532

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QC Association Summary

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

Job ID: 885-37653-1

GC VOA (Continued)

Analysis Batch: 38582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-38532/1-A	Method Blank	Total/NA	Solid	8021B	38532
LCS 885-38532/3-A	Lab Control Sample	Total/NA	Solid	8021B	38532

GC Semi VOA

Analysis Batch: 38550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-1	BH25-01 0'	Total/NA	Solid	8015M/D	38574
885-37653-2	BH25-01 2'	Total/NA	Solid	8015M/D	38574
885-37653-3	BH25-02 0'	Total/NA	Solid	8015M/D	38574
885-37653-4	BH25-02 2'	Total/NA	Solid	8015M/D	38574
885-37653-5	BH25-03 0'	Total/NA	Solid	8015M/D	38574
885-37653-6	BH25-03 2'	Total/NA	Solid	8015M/D	38574
885-37653-7	BH25-04 0'	Total/NA	Solid	8015M/D	38574
MB 885-38574/1-A	Method Blank	Total/NA	Solid	8015M/D	38574
LCS 885-38574/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38574
885-37653-7 MS	BH25-04 0'	Total/NA	Solid	8015M/D	38574
885-37653-7 MSD	BH25-04 0'	Total/NA	Solid	8015M/D	38574

Analysis Batch: 38552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-8	BH25-04 2'	Total/NA	Solid	8015M/D	38573
MB 885-38573/1-A	Method Blank	Total/NA	Solid	8015M/D	38573
LCS 885-38573/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38573
885-37653-8 MS	BH25-04 2'	Total/NA	Solid	8015M/D	38573
885-37653-8 MSD	BH25-04 2'	Total/NA	Solid	8015M/D	38573

Prep Batch: 38573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-8	BH25-04 2'	Total/NA	Solid	SHAKE	
MB 885-38573/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38573/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-37653-8 MS	BH25-04 2'	Total/NA	Solid	SHAKE	
885-37653-8 MSD	BH25-04 2'	Total/NA	Solid	SHAKE	

Prep Batch: 38574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-1	BH25-01 0'	Total/NA	Solid	SHAKE	
885-37653-2	BH25-01 2'	Total/NA	Solid	SHAKE	
885-37653-3	BH25-02 0'	Total/NA	Solid	SHAKE	
885-37653-4	BH25-02 2'	Total/NA	Solid	SHAKE	
885-37653-5	BH25-03 0'	Total/NA	Solid	SHAKE	
885-37653-6	BH25-03 2'	Total/NA	Solid	SHAKE	
885-37653-7	BH25-04 0'	Total/NA	Solid	SHAKE	
MB 885-38574/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38574/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-37653-7 MS	BH25-04 0'	Total/NA	Solid	SHAKE	
885-37653-7 MSD	BH25-04 0'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

HPLC/IC

Prep Batch: 38539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-1	BH25-01 0'	Total/NA	Solid	300_Prep	
885-37653-2	BH25-01 2'	Total/NA	Solid	300_Prep	
885-37653-3	BH25-02 0'	Total/NA	Solid	300_Prep	
MB 885-38539/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38539/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 38540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-4	BH25-02 2'	Total/NA	Solid	300_Prep	
885-37653-5	BH25-03 0'	Total/NA	Solid	300_Prep	
885-37653-6	BH25-03 2'	Total/NA	Solid	300_Prep	
885-37653-7	BH25-04 0'	Total/NA	Solid	300_Prep	
885-37653-8	BH25-04 2'	Total/NA	Solid	300_Prep	
MB 885-38540/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38540/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-37653-4 MS	BH25-02 2'	Total/NA	Solid	300_Prep	
885-37653-4 MSD	BH25-02 2'	Total/NA	Solid	300_Prep	
885-37653-5 MS	BH25-03 0'	Total/NA	Solid	300_Prep	
885-37653-5 MSD	BH25-03 0'	Total/NA	Solid	300_Prep	

Analysis Batch: 38543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-1	BH25-01 0'	Total/NA	Solid	300.0	38539
885-37653-2	BH25-01 2'	Total/NA	Solid	300.0	38539
885-37653-3	BH25-02 0'	Total/NA	Solid	300.0	38539
MB 885-38539/1-A	Method Blank	Total/NA	Solid	300.0	38539
LCS 885-38539/2-A	Lab Control Sample	Total/NA	Solid	300.0	38539

Analysis Batch: 38544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37653-4	BH25-02 2'	Total/NA	Solid	300.0	38540
885-37653-5	BH25-03 0'	Total/NA	Solid	300.0	38540
885-37653-6	BH25-03 2'	Total/NA	Solid	300.0	38540
885-37653-7	BH25-04 0'	Total/NA	Solid	300.0	38540
885-37653-8	BH25-04 2'	Total/NA	Solid	300.0	38540
MB 885-38540/1-A	Method Blank	Total/NA	Solid	300.0	38540
LCS 885-38540/2-A	Lab Control Sample	Total/NA	Solid	300.0	38540
885-37653-4 MS	BH25-02 2'	Total/NA	Solid	300.0	38540
885-37653-4 MSD	BH25-02 2'	Total/NA	Solid	300.0	38540
885-37653-5 MS	BH25-03 0'	Total/NA	Solid	300.0	38540
885-37653-5 MSD	BH25-03 0'	Total/NA	Solid	300.0	38540

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-01 0'**Lab Sample ID: 885-37653-1**

Matrix: Solid

Date Collected: 11/11/25 13:11

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8015M/D		1	38581	VP	EET ALB	11/18/25 07:26
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8021B		1	38582	VP	EET ALB	11/18/25 07:26
Total/NA	Prep	SHAKE			38574	BV	EET ALB	11/17/25 10:25
Total/NA	Analysis	8015M/D		1	38550	EM	EET ALB	11/17/25 20:46
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 23:31

Client Sample ID: BH25-01 2'**Lab Sample ID: 885-37653-2**

Matrix: Solid

Date Collected: 11/11/25 13:24

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8015M/D		1	38581	VP	EET ALB	11/18/25 07:49
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8021B		1	38582	VP	EET ALB	11/18/25 07:49
Total/NA	Prep	SHAKE			38574	BV	EET ALB	11/17/25 10:25
Total/NA	Analysis	8015M/D		1	38550	EM	EET ALB	11/17/25 20:58
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 23:41

Client Sample ID: BH25-02 0'**Lab Sample ID: 885-37653-3**

Matrix: Solid

Date Collected: 11/11/25 13:28

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8015M/D		1	38581	VP	EET ALB	11/18/25 08:12
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8021B		1	38582	VP	EET ALB	11/18/25 08:12
Total/NA	Prep	SHAKE			38574	BV	EET ALB	11/17/25 10:25
Total/NA	Analysis	8015M/D		1	38550	EM	EET ALB	11/17/25 21:10
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 23:52

Client Sample ID: BH25-02 2'**Lab Sample ID: 885-37653-4**

Matrix: Solid

Date Collected: 11/11/25 13:48

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8015M/D		1	38581	VP	EET ALB	11/18/25 08:36

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-02 2'**Lab Sample ID: 885-37653-4**

Matrix: Solid

Date Collected: 11/11/25 13:48

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8021B		1	38582	VP	EET ALB	11/18/25 08:36
Total/NA	Prep	SHAKE			38574	BV	EET ALB	11/17/25 10:25
Total/NA	Analysis	8015M/D		1	38550	EM	EET ALB	11/17/25 21:21
Total/NA	Prep	300_Prep			38540	JT	EET ALB	11/16/25 12:13
Total/NA	Analysis	300.0		10	38544	JT	EET ALB	11/16/25 14:36

Client Sample ID: BH25-03 0'**Lab Sample ID: 885-37653-5**

Matrix: Solid

Date Collected: 11/11/25 13:51

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8015M/D		1	38581	VP	EET ALB	11/18/25 08:59
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8021B		1	38582	VP	EET ALB	11/18/25 08:59
Total/NA	Prep	SHAKE			38574	BV	EET ALB	11/17/25 10:25
Total/NA	Analysis	8015M/D		1	38550	EM	EET ALB	11/17/25 21:33
Total/NA	Prep	300_Prep			38540	JT	EET ALB	11/16/25 12:13
Total/NA	Analysis	300.0		10	38544	JT	EET ALB	11/16/25 15:18

Client Sample ID: BH25-03 2'**Lab Sample ID: 885-37653-6**

Matrix: Solid

Date Collected: 11/11/25 14:04

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8015M/D		1	38581	VP	EET ALB	11/18/25 09:23
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8021B		1	38582	VP	EET ALB	11/18/25 09:23
Total/NA	Prep	SHAKE			38574	BV	EET ALB	11/17/25 10:25
Total/NA	Analysis	8015M/D		1	38550	EM	EET ALB	11/17/25 21:56
Total/NA	Prep	300_Prep			38540	JT	EET ALB	11/16/25 12:13
Total/NA	Analysis	300.0		10	38544	JT	EET ALB	11/16/25 16:01

Client Sample ID: BH25-04 0'**Lab Sample ID: 885-37653-7**

Matrix: Solid

Date Collected: 11/11/25 14:16

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8015M/D		1	38581	VP	EET ALB	11/18/25 09:46
Total/NA	Prep	5030C			38532	AT	EET ALB	11/15/25 12:00
Total/NA	Analysis	8021B		1	38582	VP	EET ALB	11/18/25 09:46

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-37653-1

Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-04 0'**Lab Sample ID: 885-37653-7**

Matrix: Solid

Date Collected: 11/11/25 14:16

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38574	BV	EET ALB	11/17/25 10:25
Total/NA	Analysis	8015M/D		1	38550	EM	EET ALB	11/17/25 22:08
Total/NA	Prep	300_Prep			38540	JT	EET ALB	11/16/25 12:13
Total/NA	Analysis	300.0		10	38544	JT	EET ALB	11/16/25 16:15

Client Sample ID: BH25-04 2'**Lab Sample ID: 885-37653-8**

Matrix: Solid

Date Collected: 11/11/25 14:31

Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 23:53
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 23:53
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 23:00
Total/NA	Prep	300_Prep			38540	JT	EET ALB	11/16/25 12:13
Total/NA	Analysis	300.0		10	38544	JT	EET ALB	11/16/25 16:57

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex

Job ID: 885-37653-1

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.

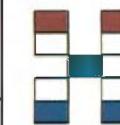
Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis 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

Eurofins Albuquerque

Chain-of-Custody Record

Client: **Vertex**
 (direct bill to Devon, work order 21733831)
 Mailing Address:
 3101 Boyd Drive Carlsbad, NM 88220
 Phone #: 575.725.5001
 email or Fax#: permian@vertexresource.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type)

Turn-Around Time:
5-Day Rush
 Project Name:
White Dove 17 CTB 3
 Project #:
25A-05744



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109 885-37653 coc
 Tel. 505-345-3975 Fax 505-345-4107



Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Total Coolant (Present/Absent)		8270 (Semi-VOA)		8260 (VOA)	
							RCRA 8 Metals	EDB (Method 504.1)	PAHS by 8310 or 8270SIMS	TPH:8015(D/GRO / DRQ / MRO)	8081 Petroleum/8082 PCBs	(C)F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄
11.11.25	13:11	Soil	BH25-01 0'	1, 4oz jar			X	X				
11.11.25	13:24	Soil	BH25-01 2'	1, 4oz jar			X	X				
11.11.25	13:28	Soil	BH25-02 0'	1, 4oz jar			X	X				
11.11.25	13:48	Soil	BH25-02 2'	1, 4oz jar			X	X				
11.11.25	13:51	Soil	BH25-03 0'	1, 4oz jar			X	X				
11.11.25	14:04	Soil	BH25-03 2'	1, 4oz jar			X	X				
11.11.25	14:16	Soil	BH25-04 0'	1, 4oz jar			X	X				
11.11.25	14:31	Soil	BH25-04 2'	1, 4oz jar			X	X				
Date: 11-11-25	Time: 07:00	Relinquished by: <i>John Dillen</i>	Received by: <i>CCM</i>	Via: <i>Hand</i>	Date: 11/11/25	Time: 7:00	Remarks: ATTN Jim Raley Direct bill to Devon work order 21733831 Jim Raley cc. permian@vertexresource.com , SCarttar@vertexresource.com , kstallings@vertexresource.com , and LPullman@vertexresource.com for Final Report					
Date: 11/11/25	Time: 09:00	Relinquished by: <i>John Dillen</i>	Received by: <i>John Dillen</i>	Via: <i>Hand</i>	Date: 11/11/25	Time: 7:35						

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: 885-37653-1

Login Number: 37653**List Source: Eurofins Albuquerque****List Number: 1****Creator: Casarrubias, Tracy**

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings

Vertex

3101 Boyd Dr

Carlsbad, New Mexico 88220

Generated 11/25/2025 6:12:57 AM

JOB DESCRIPTION

White Dove 17 CTB 3

25A-05744

JOB NUMBER

885-37637-1

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



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

Generated
11/25/2025 6:12:57 AM

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

Laboratory Job ID: 885-37637-1
SDG: 25A-05744

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Definitions/Glossary

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

Job ID: 885-37637-1
SDG: 25A-05744

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

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

Case Narrative

Client: Vertex
Project: White Dove 17 CTB 3

Job ID: 885-37637-1

Job ID: 885-37637-1**Eurofins Albuquerque**

Job Narrative 885-37637-1

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

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

Receipt

The samples were received on 11/14/2025 7:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Gasoline Range Organics

Method 8015D_GRO: Surrogate recovery for the following sample was outside control limits: BH25-10 0' (885-37637-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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 method blank for preparation batch 885-38697 and analytical batch 885-38691 contained DRO above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-38697 and analytical batch 885-38691 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015D_DRO: The following sample was diluted due to the nature of the sample matrix: BH25-09 0' (885-37637-9). Elevated reporting limits (RLs) are provided.

Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-38823 and analytical batch 885-38842 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015D_DRO: The following samples required a dilution due to the nature of the sample matrix: BH25-10 0' (885-37637-12) and BH25-11 0' (885-37637-15). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-05 0 '
 Date Collected: 11/12/25 09:19
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-1
 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		11/18/25 14:28	11/19/25 17:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/18/25 14:28	11/19/25 17:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 17:38	1
Ethylbenzene	ND		0.050	mg/Kg		11/18/25 14:28	11/19/25 17:38	1
Toluene	ND		0.050	mg/Kg		11/18/25 14:28	11/19/25 17:38	1
Xylenes, Total	ND		0.10	mg/Kg		11/18/25 14:28	11/19/25 17:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/18/25 14:28	11/19/25 17:38	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		9.4	mg/Kg		11/19/25 08:55	11/19/25 19:55	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/19/25 08:55	11/19/25 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	81		62 - 134			11/19/25 08:55	11/19/25 19:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/19/25 09:46	11/19/25 14:22	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-05 2'
 Date Collected: 11/12/25 09:30
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-2
 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		4.9	mg/Kg		11/18/25 14:28	11/19/25 18:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			11/18/25 14:28	11/19/25 18:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 18:49	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 18:49	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 18:49	1
Xylenes, Total	ND		0.099	mg/Kg		11/18/25 14:28	11/19/25 18:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			11/18/25 14:28	11/19/25 18:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		11/19/25 08:55	11/19/25 20:06	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/19/25 08:55	11/19/25 20:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	76		62 - 134			11/19/25 08:55	11/19/25 20:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		11/19/25 09:46	11/19/25 14:54	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-06 0 '
 Date Collected: 11/12/25 09:39
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-3
 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		5.0	mg/Kg		11/18/25 14:28	11/19/25 20:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/18/25 14:28	11/19/25 20:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 20:00	1
Ethylbenzene	ND		0.050	mg/Kg		11/18/25 14:28	11/19/25 20:00	1
Toluene	ND		0.050	mg/Kg		11/18/25 14:28	11/19/25 20:00	1
Xylenes, Total	ND		0.10	mg/Kg		11/18/25 14:28	11/19/25 20:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			11/18/25 14:28	11/19/25 20:00	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		9.7	mg/Kg		11/19/25 08:55	11/19/25 20:18	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/19/25 08:55	11/19/25 20:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	75		62 - 134			11/19/25 08:55	11/19/25 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		11/19/25 09:46	11/19/25 15:49	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-06 2'
 Date Collected: 11/12/25 09:49
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-4
 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		11/18/25 14:28	11/19/25 20:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			11/18/25 14:28	11/19/25 20:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 20:24	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 20:24	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 20:24	1
Xylenes, Total	ND		0.099	mg/Kg		11/18/25 14:28	11/19/25 20:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			11/18/25 14:28	11/19/25 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		9.8	mg/Kg		11/19/25 08:55	11/19/25 20:29	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/19/25 08:55	11/19/25 20:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			11/19/25 08:55	11/19/25 20:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/19/25 09:46	11/19/25 16:00	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-07 0 '
 Date Collected: 11/12/25 09:56
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-5
 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		11/18/25 14:28	11/19/25 20:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/18/25 14:28	11/19/25 20:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 20:47	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 20:47	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 20:47	1
Xylenes, Total	ND		0.098	mg/Kg		11/18/25 14:28	11/19/25 20:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			11/18/25 14:28	11/19/25 20:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		11/19/25 08:55	11/19/25 20:40	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/19/25 08:55	11/19/25 20:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			11/19/25 08:55	11/19/25 20:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/19/25 09:46	11/19/25 16:10	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-07 2'
 Date Collected: 11/12/25 10:06
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-6
 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		11/18/25 14:28	11/19/25 21:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/18/25 14:28	11/19/25 21:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 21:11	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 21:11	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 21:11	1
Xylenes, Total	ND		0.098	mg/Kg		11/18/25 14:28	11/19/25 21:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			11/18/25 14:28	11/19/25 21:11	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		9.4	mg/Kg		11/19/25 08:55	11/19/25 20:52	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/19/25 08:55	11/19/25 20:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			11/19/25 08:55	11/19/25 20:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		11/19/25 09:46	11/19/25 16:21	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-08 0 '
 Date Collected: 11/12/25 10:17
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-7
 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		4.9	mg/Kg		11/18/25 14:28	11/19/25 21:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			11/18/25 14:28	11/19/25 21:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/18/25 14:28	11/19/25 21:35	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 21:35	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 21:35	1
Xylenes, Total	ND		0.097	mg/Kg		11/18/25 14:28	11/19/25 21:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			11/18/25 14:28	11/19/25 21:35	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		9.7	mg/Kg		11/20/25 16:14	11/21/25 16:41	1
Motor Oil Range Organics [C28-C40]	48		48	mg/Kg		11/20/25 16:14	11/21/25 16:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			11/20/25 16:14	11/21/25 16:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		50	mg/Kg		11/19/25 09:46	11/19/25 16:32	10

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Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-08 2'
 Date Collected: 11/12/25 10:28
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-8
 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		4.9	mg/Kg		11/18/25 14:28	11/19/25 21:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/18/25 14:28	11/19/25 21:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/18/25 14:28	11/19/25 21:58	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 21:58	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 21:58	1
Xylenes, Total	ND		0.098	mg/Kg		11/18/25 14:28	11/19/25 21:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/18/25 14:28	11/19/25 21:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		11/19/25 08:55	11/19/25 21:14	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/19/25 08:55	11/19/25 21:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			11/19/25 08:55	11/19/25 21:14	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		11/19/25 16:15	11/20/25 00:51	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-09 0 '
 Date Collected: 11/12/25 14:08
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-9
 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		11/18/25 14:28	11/19/25 22:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		15 - 150			11/18/25 14:28	11/19/25 22:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 22:22	1
Ethylbenzene	ND		0.050	mg/Kg		11/18/25 14:28	11/19/25 22:22	1
Toluene	0.077		0.050	mg/Kg		11/18/25 14:28	11/19/25 22:22	1
Xylenes, Total	ND		0.10	mg/Kg		11/18/25 14:28	11/19/25 22:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			11/18/25 14:28	11/19/25 22:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	20000		490	mg/Kg		11/20/25 16:14	11/21/25 16:30	50
Motor Oil Range Organics [C28-C40]	20000		2500	mg/Kg		11/20/25 16:14	11/21/25 16:30	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	S1- D	62 - 134			11/20/25 16:14	11/21/25 16:30	50

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96		50	mg/Kg		11/19/25 16:15	11/20/25 01:02	10

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Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-09-2 '
 Date Collected: 11/12/25 14:31
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-10
 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		11/18/25 14:28	11/19/25 23:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			11/18/25 14:28	11/19/25 23:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 23:10	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 23:10	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 23:10	1
Xylenes, Total	ND		0.098	mg/Kg		11/18/25 14:28	11/19/25 23:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			11/18/25 14:28	11/19/25 23:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		11/19/25 08:55	11/19/25 22:11	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/19/25 08:55	11/19/25 22:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			11/19/25 08:55	11/19/25 22:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		11/19/25 16:15	11/20/25 01:13	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-09 4 '
 Date Collected: 11/12/25 14:40
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-11
 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		11/18/25 14:28	11/19/25 23:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			11/18/25 14:28	11/19/25 23:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 23:34	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 23:34	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/19/25 23:34	1
Xylenes, Total	ND		0.098	mg/Kg		11/18/25 14:28	11/19/25 23:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/18/25 14:28	11/19/25 23:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		11/19/25 08:55	11/19/25 22:22	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/19/25 08:55	11/19/25 22:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			11/19/25 08:55	11/19/25 22:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		11/19/25 16:15	11/20/25 01:23	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-10 0 '
 Date Collected: 11/12/25 14:11
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-12
 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	1100		240	mg/Kg		11/18/25 14:28	11/19/25 23:57	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	15 - 150			11/18/25 14:28	11/19/25 23:57	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.0		1.2	mg/Kg		11/18/25 14:28	11/19/25 23:57	50
Ethylbenzene	11		2.4	mg/Kg		11/18/25 14:28	11/19/25 23:57	50
Toluene	19		2.4	mg/Kg		11/18/25 14:28	11/19/25 23:57	50
Xylenes, Total	48		4.8	mg/Kg		11/18/25 14:28	11/19/25 23:57	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131		15 - 150			11/18/25 14:28	11/19/25 23:57	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	73000		1900	mg/Kg		11/20/25 16:14	11/24/25 15:12	200
Motor Oil Range Organics [C28-C40]	40000		9500	mg/Kg		11/20/25 16:14	11/24/25 15:12	200
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	D S1-	62 - 134			11/20/25 16:14	11/24/25 15:12	200

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		50	mg/Kg		11/19/25 16:15	11/20/25 01:34	10

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Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-10 2'
 Date Collected: 11/12/25 14:59
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-13
 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		11/18/25 14:28	11/20/25 00:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/18/25 14:28	11/20/25 00:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/18/25 14:28	11/20/25 00:45	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/20/25 00:45	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/20/25 00:45	1
Xylenes, Total	ND		0.098	mg/Kg		11/18/25 14:28	11/20/25 00:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			11/18/25 14:28	11/20/25 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		9.8	mg/Kg		11/19/25 08:55	11/19/25 23:07	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/19/25 08:55	11/19/25 23:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			11/19/25 08:55	11/19/25 23:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	800		50	mg/Kg		11/19/25 16:15	11/20/25 01:45	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-10 4 '
 Date Collected: 11/12/25 15:07
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-14
 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		11/18/25 14:28	11/20/25 01:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		15 - 150			11/18/25 14:28	11/20/25 01:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/20/25 01:09	1
Ethylbenzene	ND		0.049	mg/Kg		11/18/25 14:28	11/20/25 01:09	1
Toluene	ND		0.049	mg/Kg		11/18/25 14:28	11/20/25 01:09	1
Xylenes, Total	ND		0.099	mg/Kg		11/18/25 14:28	11/20/25 01:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			11/18/25 14:28	11/20/25 01:09	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		10	mg/Kg		11/19/25 08:55	11/19/25 23:19	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/19/25 08:55	11/19/25 23:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			11/19/25 08:55	11/19/25 23:19	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	690		50	mg/Kg		11/19/25 16:15	11/20/25 01:56	10

Client Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-11 0 '
 Date Collected: 11/12/25 14:05
 Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-15
 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	220		49	mg/Kg		11/18/25 14:28	11/20/25 01:32	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146		15 - 150			11/18/25 14:28	11/20/25 01:32	10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.54		0.25	mg/Kg		11/18/25 14:28	11/20/25 01:32	10
Ethylbenzene	2.6		0.49	mg/Kg		11/18/25 14:28	11/20/25 01:32	10
Toluene	4.9		0.49	mg/Kg		11/18/25 14:28	11/20/25 01:32	10
Xylenes, Total	11		0.99	mg/Kg		11/18/25 14:28	11/20/25 01:32	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		15 - 150			11/18/25 14:28	11/20/25 01:32	10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	31000		990	mg/Kg		11/20/25 16:14	11/24/25 15:47	100
Motor Oil Range Organics [C28-C40]	19000		4900	mg/Kg		11/20/25 16:14	11/24/25 15:47	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	D S1-	62 - 134			11/20/25 16:14	11/24/25 15:47	100

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13000		99	mg/Kg		11/19/25 16:15	11/20/25 10:26	20

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QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3Job ID: 885-37637-1
SDG: 25A-05744

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

Lab Sample ID: MB 885-38658/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38686

Prep Batch: 38658

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/18/25 14:28	11/19/25 09:44	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	111		15 - 150	11/18/25 14:28	11/19/25 09:44	1

Lab Sample ID: LCS 885-38658/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38686

Prep Batch: 38658

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier	Unit			
Gasoline Range Organics (GRO)-C6-C10			25.0	24.9		mg/Kg		100	70 - 130

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	211		15 - 150	11/18/25 14:28	11/19/25 09:44	1

Lab Sample ID: 885-37637-1 MS

Client Sample ID: BH25-05 0 '

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38729

Prep Batch: 38658

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	ND		24.7	27.0		mg/Kg		110	70 - 130

Surrogate	MS	MS	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	215		15 - 150	11/18/25 14:28	11/19/25 09:44	1

Lab Sample ID: 885-37637-1 MSD

Client Sample ID: BH25-05 0 '

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38729

Prep Batch: 38658

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		24.7	26.4		mg/Kg		107	70 - 130	2	20

Surrogate	MSD	MSD	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	223		15 - 150	11/18/25 14:28	11/19/25 09:44	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		11/18/25 14:28	11/19/25 09:44	1

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Ethylbenzene	ND		0.050	mg/Kg		11/18/25 14:28	11/19/25 09:44	1

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QC Sample Results

Client: Vertex

Job ID: 885-37637-1

Project/Site: White Dove 17 CTB 3

SDG: 25A-05744

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

Lab Sample ID: MB 885-38658/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38687

Prep Batch: 38658

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Xylenes, Total	ND				0.10	mg/Kg		11/18/25 14:28	11/19/25 09:44	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits		D	Prepared	Analyzed	Dil Fac
	107				15 - 150					

Lab Sample ID: LCS 885-38658/3-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38687

Prep Batch: 38658

Analyte	Spike	LCS		Unit	D	%Rec	Limits
		Added	Result				
Benzene	1.00	0.875		mg/Kg		87	70 - 130
Ethylbenzene	1.00	0.893		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	2.00	1.76		mg/Kg		88	70 - 130
o-Xylene	1.00	0.877		mg/Kg		88	70 - 130
Toluene	1.00	0.892		mg/Kg		89	70 - 130
Surrogate	LCS	LCS	%Recovery	Qualifier	Limits		
	106						

Lab Sample ID: 885-37637-2 MS

Client Sample ID: BH25-05 2 '

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38737

Prep Batch: 38658

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzene	ND		0.987	1.02		mg/Kg		104	70 - 130
Ethylbenzene	ND		0.987	1.05		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	ND		1.97	2.11		mg/Kg		107	70 - 130
o-Xylene	ND		0.987	1.04		mg/Kg		106	70 - 130
Toluene	ND		0.987	1.04		mg/Kg		106	70 - 130
Surrogate	MS	MS	%Recovery	Qualifier	Limits				
	108								

Lab Sample ID: 885-37637-2 MSD

Client Sample ID: BH25-05 2 '

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38737

Prep Batch: 38658

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	ND		0.989	0.967		mg/Kg		98	70 - 130	6	20
Ethylbenzene	ND		0.989	0.997		mg/Kg		101	70 - 130	5	20
m-Xylene & p-Xylene	ND		1.98	2.00		mg/Kg		101	70 - 130	6	20
o-Xylene	ND		0.989	0.994		mg/Kg		101	70 - 130	5	20
Toluene	ND		0.989	0.982		mg/Kg		99	70 - 130	6	20
Surrogate	MSD	MSD	%Recovery	Qualifier	Limits						
	105										

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: White Dove 17 CTB 3Job ID: 885-37637-1
SDG: 25A-05744

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

Lab Sample ID: MB 885-38697/1-A

Matrix: Solid

Analysis Batch: 38691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38697

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	30.5		10	mg/Kg		11/19/25 08:55	11/19/25 19:32	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/19/25 08:55	11/19/25 19:32	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Sur)	73		62 - 134	11/19/25 08:55	11/19/25 19:32	1

Lab Sample ID: LCS 885-38697/2-A

Matrix: Solid

Analysis Batch: 38691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38697

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec
	Result	Qualifier						
Diesel Range Organics [C10-C28]			50.0	43.6		mg/Kg		

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Sur)	77		62 - 134	11/20/25 16:14	11/21/25 15:22	1

Lab Sample ID: MB 885-38823/1-A

Matrix: Solid

Analysis Batch: 38842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38823

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		11/20/25 16:14	11/21/25 15:22	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/20/25 16:14	11/21/25 15:22	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Sur)	74		62 - 134	11/20/25 16:14	11/21/25 15:22	1

Lab Sample ID: LCS 885-38823/2-A

Matrix: Solid

Analysis Batch: 38842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38823

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec
	Result	Qualifier						
Diesel Range Organics [C10-C28]			50.0	41.4		mg/Kg		

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Sur)	71		62 - 134	11/20/25 16:14	11/21/25 15:22	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38701/1-A

Matrix: Solid

Analysis Batch: 38707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38701

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	ND		4.9	mg/Kg		11/19/25 09:46	11/19/25 11:28	1

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QC Sample Results

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

Job ID: 885-37637-1
 SDG: 25A-05744

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-38701/2-A

Matrix: Solid

Analysis Batch: 38701

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38701

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride		49.7	49.4		mg/Kg		100	90 - 110

Lab Sample ID: 885-37637-1 MS

Matrix: Solid

Analysis Batch: 38701

Client Sample ID: BH25-05 0 '

Prep Type: Total/NA

Prep Batch: 38701

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		49.8	59.0		mg/Kg		NC	50 - 150

Lab Sample ID: 885-37637-1 MSD

Matrix: Solid

Analysis Batch: 38701

Client Sample ID: BH25-05 0 '

Prep Type: Total/NA

Prep Batch: 38701

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	RPD	Limit
Chloride	ND		50.5	59.0		mg/Kg		NC	50 - 150	0	20

Lab Sample ID: 885-37637-2 MS

Matrix: Solid

Analysis Batch: 38701

Client Sample ID: BH25-05 2 '

Prep Type: Total/NA

Prep Batch: 38701

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	RPD	RPD	Limit
Chloride	ND		49.5	55.0		mg/Kg		NC	50 - 150	0	20

Lab Sample ID: 885-37637-2 MSD

Matrix: Solid

Analysis Batch: 38701

Client Sample ID: BH25-05 2 '

Prep Type: Total/NA

Prep Batch: 38701

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	RPD	Limit
Chloride	ND		50.2	56.6		mg/Kg		113	50 - 150	3	20

Lab Sample ID: MB 885-38741/1-A

Matrix: Solid

Analysis Batch: 38701

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38741

Analyte	Result	MB Qualifier	MB RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1	mg/Kg		11/19/25 16:15	11/19/25 22:41	1

Lab Sample ID: LCS 885-38741/2-A

Matrix: Solid

Analysis Batch: 38701

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38741

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride		50.2	49.8		mg/Kg		99	90 - 110

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QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3Job ID: 885-37637-1
SDG: 25A-05744

GC VOA

Prep Batch: 38658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-1	BH25-05 0 '	Total/NA	Solid	5030C	
885-37637-2	BH25-05 2 '	Total/NA	Solid	5030C	
885-37637-3	BH25-06 0 '	Total/NA	Solid	5030C	
885-37637-4	BH25-06 2 '	Total/NA	Solid	5030C	
885-37637-5	BH25-07 0 '	Total/NA	Solid	5030C	
885-37637-6	BH25-07 2 '	Total/NA	Solid	5030C	
885-37637-7	BH25-08 0 '	Total/NA	Solid	5030C	
885-37637-8	BH25-08 2 '	Total/NA	Solid	5030C	
885-37637-9	BH25-09 0 '	Total/NA	Solid	5030C	
885-37637-10	BH25-09 2 '	Total/NA	Solid	5030C	
885-37637-11	BH25-09 4 '	Total/NA	Solid	5030C	
885-37637-12	BH25-10 0 '	Total/NA	Solid	5030C	
885-37637-13	BH25-10 2 '	Total/NA	Solid	5030C	
885-37637-14	BH25-10 4 '	Total/NA	Solid	5030C	
885-37637-15	BH25-11 0 '	Total/NA	Solid	5030C	
MB 885-38658/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38658/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38658/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-37637-1 MS	BH25-05 0 '	Total/NA	Solid	5030C	
885-37637-1 MSD	BH25-05 0 '	Total/NA	Solid	5030C	
885-37637-2 MS	BH25-05 2 '	Total/NA	Solid	5030C	
885-37637-2 MSD	BH25-05 2 '	Total/NA	Solid	5030C	

Analysis Batch: 38686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-38658/1-A	Method Blank	Total/NA	Solid	8015M/D	38658
LCS 885-38658/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38658

Analysis Batch: 38687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-38658/1-A	Method Blank	Total/NA	Solid	8021B	38658
LCS 885-38658/3-A	Lab Control Sample	Total/NA	Solid	8021B	38658

Analysis Batch: 38729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-1	BH25-05 0 '	Total/NA	Solid	8015M/D	38658
885-37637-2	BH25-05 2 '	Total/NA	Solid	8015M/D	38658
885-37637-3	BH25-06 0 '	Total/NA	Solid	8015M/D	38658
885-37637-4	BH25-06 2 '	Total/NA	Solid	8015M/D	38658
885-37637-5	BH25-07 0 '	Total/NA	Solid	8015M/D	38658
885-37637-6	BH25-07 2 '	Total/NA	Solid	8015M/D	38658
885-37637-7	BH25-08 0 '	Total/NA	Solid	8015M/D	38658
885-37637-8	BH25-08 2 '	Total/NA	Solid	8015M/D	38658
885-37637-9	BH25-09 0 '	Total/NA	Solid	8015M/D	38658
885-37637-10	BH25-09 2 '	Total/NA	Solid	8015M/D	38658
885-37637-11	BH25-09 4 '	Total/NA	Solid	8015M/D	38658
885-37637-12	BH25-10 0 '	Total/NA	Solid	8015M/D	38658
885-37637-13	BH25-10 2 '	Total/NA	Solid	8015M/D	38658
885-37637-14	BH25-10 4 '	Total/NA	Solid	8015M/D	38658
885-37637-15	BH25-11 0 '	Total/NA	Solid	8015M/D	38658
885-37637-1 MS	BH25-05 0 '	Total/NA	Solid	8015M/D	38658

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QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3Job ID: 885-37637-1
SDG: 25A-05744

GC VOA (Continued)

Analysis Batch: 38729 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-1 MSD	BH25-05 0 '	Total/NA	Solid	8015M/D	38658

Analysis Batch: 38737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-1	BH25-05 0 '	Total/NA	Solid	8021B	38658
885-37637-2	BH25-05 2 '	Total/NA	Solid	8021B	38658
885-37637-3	BH25-06 0 '	Total/NA	Solid	8021B	38658
885-37637-4	BH25-06 2 '	Total/NA	Solid	8021B	38658
885-37637-5	BH25-07 0 '	Total/NA	Solid	8021B	38658
885-37637-6	BH25-07 2 '	Total/NA	Solid	8021B	38658
885-37637-7	BH25-08 0 '	Total/NA	Solid	8021B	38658
885-37637-8	BH25-08 2 '	Total/NA	Solid	8021B	38658
885-37637-9	BH25-09 0 '	Total/NA	Solid	8021B	38658
885-37637-10	BH25-09 2 '	Total/NA	Solid	8021B	38658
885-37637-11	BH25-09 4 '	Total/NA	Solid	8021B	38658
885-37637-12	BH25-10 0 '	Total/NA	Solid	8021B	38658
885-37637-13	BH25-10 2 '	Total/NA	Solid	8021B	38658
885-37637-14	BH25-10 4 '	Total/NA	Solid	8021B	38658
885-37637-15	BH25-11 0 '	Total/NA	Solid	8021B	38658
885-37637-2 MS	BH25-05 2 '	Total/NA	Solid	8021B	38658
885-37637-2 MSD	BH25-05 2 '	Total/NA	Solid	8021B	38658

GC Semi VOA

Analysis Batch: 38691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-1	BH25-05 0 '	Total/NA	Solid	8015M/D	38697
885-37637-2	BH25-05 2 '	Total/NA	Solid	8015M/D	38697
885-37637-3	BH25-06 0 '	Total/NA	Solid	8015M/D	38697
885-37637-4	BH25-06 2 '	Total/NA	Solid	8015M/D	38697
885-37637-5	BH25-07 0 '	Total/NA	Solid	8015M/D	38697
885-37637-6	BH25-07 2 '	Total/NA	Solid	8015M/D	38697
885-37637-8	BH25-08 2 '	Total/NA	Solid	8015M/D	38697
885-37637-10	BH25-09 2 '	Total/NA	Solid	8015M/D	38697
885-37637-11	BH25-09 4 '	Total/NA	Solid	8015M/D	38697
885-37637-13	BH25-10 2 '	Total/NA	Solid	8015M/D	38697
885-37637-14	BH25-10 4 '	Total/NA	Solid	8015M/D	38697
MB 885-38697/1-A	Method Blank	Total/NA	Solid	8015M/D	38697
LCS 885-38697/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38697

Prep Batch: 38697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-1	BH25-05 0 '	Total/NA	Solid	SHAKE	
885-37637-2	BH25-05 2 '	Total/NA	Solid	SHAKE	
885-37637-3	BH25-06 0 '	Total/NA	Solid	SHAKE	
885-37637-4	BH25-06 2 '	Total/NA	Solid	SHAKE	
885-37637-5	BH25-07 0 '	Total/NA	Solid	SHAKE	
885-37637-6	BH25-07 2 '	Total/NA	Solid	SHAKE	
885-37637-8	BH25-08 2 '	Total/NA	Solid	SHAKE	
885-37637-10	BH25-09 2 '	Total/NA	Solid	SHAKE	
885-37637-11	BH25-09 4 '	Total/NA	Solid	SHAKE	

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QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3Job ID: 885-37637-1
SDG: 25A-05744

GC Semi VOA (Continued)

Prep Batch: 38697 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-13	BH25-10 2 '	Total/NA	Solid	SHAKE	
885-37637-14	BH25-10 4 '	Total/NA	Solid	SHAKE	
MB 885-38697/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38697/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 38823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-7	BH25-08 0 '	Total/NA	Solid	SHAKE	
885-37637-9	BH25-09 0 '	Total/NA	Solid	SHAKE	
885-37637-12	BH25-10 0 '	Total/NA	Solid	SHAKE	
885-37637-15	BH25-11 0 '	Total/NA	Solid	SHAKE	
MB 885-38823/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38823/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 38842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-7	BH25-08 0 '	Total/NA	Solid	8015M/D	38823
885-37637-9	BH25-09 0 '	Total/NA	Solid	8015M/D	38823
MB 885-38823/1-A	Method Blank	Total/NA	Solid	8015M/D	38823
LCS 885-38823/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38823

Analysis Batch: 38938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-12	BH25-10 0 '	Total/NA	Solid	8015M/D	38823
885-37637-15	BH25-11 0 '	Total/NA	Solid	8015M/D	38823

HPLC/IC

Prep Batch: 38701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-1	BH25-05 0 '	Total/NA	Solid	300_Prep	
885-37637-2	BH25-05 2 '	Total/NA	Solid	300_Prep	
885-37637-3	BH25-06 0 '	Total/NA	Solid	300_Prep	
885-37637-4	BH25-06 2 '	Total/NA	Solid	300_Prep	
885-37637-5	BH25-07 0 '	Total/NA	Solid	300_Prep	
885-37637-6	BH25-07 2 '	Total/NA	Solid	300_Prep	
885-37637-7	BH25-08 0 '	Total/NA	Solid	300_Prep	
MB 885-38701/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38701/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-37637-1 MS	BH25-05 0 '	Total/NA	Solid	300_Prep	
885-37637-1 MSD	BH25-05 0 '	Total/NA	Solid	300_Prep	
885-37637-2 MS	BH25-05 2 '	Total/NA	Solid	300_Prep	
885-37637-2 MSD	BH25-05 2 '	Total/NA	Solid	300_Prep	

Analysis Batch: 38707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-1	BH25-05 0 '	Total/NA	Solid	300.0	38701
885-37637-2	BH25-05 2 '	Total/NA	Solid	300.0	38701
885-37637-3	BH25-06 0 '	Total/NA	Solid	300.0	38701
885-37637-4	BH25-06 2 '	Total/NA	Solid	300.0	38701
885-37637-5	BH25-07 0 '	Total/NA	Solid	300.0	38701

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QC Association Summary

Client: Vertex
Project/Site: White Dove 17 CTB 3Job ID: 885-37637-1
SDG: 25A-05744

HPLC/IC (Continued)

Analysis Batch: 38707 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-6	BH25-07 2 '	Total/NA	Solid	300.0	38701
885-37637-7	BH25-08 0 '	Total/NA	Solid	300.0	38701
885-37637-8	BH25-08 2 '	Total/NA	Solid	300.0	38741
885-37637-9	BH25-09 0 '	Total/NA	Solid	300.0	38741
885-37637-10	BH25-09-2 '	Total/NA	Solid	300.0	38741
885-37637-11	BH25-09 4 '	Total/NA	Solid	300.0	38741
885-37637-12	BH25-10 0 '	Total/NA	Solid	300.0	38741
885-37637-13	BH25-10 2 '	Total/NA	Solid	300.0	38741
885-37637-14	BH25-10 4 '	Total/NA	Solid	300.0	38741
MB 885-38701/1-A	Method Blank	Total/NA	Solid	300.0	38701
MB 885-38741/1-A	Method Blank	Total/NA	Solid	300.0	38741
LCS 885-38701/2-A	Lab Control Sample	Total/NA	Solid	300.0	38701
LCS 885-38741/2-A	Lab Control Sample	Total/NA	Solid	300.0	38741
885-37637-1 MS	BH25-05 0 '	Total/NA	Solid	300.0	38701
885-37637-1 MSD	BH25-05 0 '	Total/NA	Solid	300.0	38701
885-37637-2 MS	BH25-05 2 '	Total/NA	Solid	300.0	38701
885-37637-2 MSD	BH25-05 2 '	Total/NA	Solid	300.0	38701

Prep Batch: 38741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-8	BH25-08 2 '	Total/NA	Solid	300_Prep	
885-37637-9	BH25-09 0 '	Total/NA	Solid	300_Prep	
885-37637-10	BH25-09-2 '	Total/NA	Solid	300_Prep	
885-37637-11	BH25-09 4 '	Total/NA	Solid	300_Prep	
885-37637-12	BH25-10 0 '	Total/NA	Solid	300_Prep	
885-37637-13	BH25-10 2 '	Total/NA	Solid	300_Prep	
885-37637-14	BH25-10 4 '	Total/NA	Solid	300_Prep	
885-37637-15	BH25-11 0 '	Total/NA	Solid	300_Prep	
MB 885-38741/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38741/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 38764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37637-15	BH25-11 0 '	Total/NA	Solid	300.0	38741

Lab Chronicle

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

Job ID: 885-37637-1
SDG: 25A-05744

Client Sample ID: BH25-05 0 '**Lab Sample ID: 885-37637-1**

Matrix: Solid

Date Collected: 11/12/25 09:19
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 17:38
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 17:38
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 19:55
Total/NA	Prep	300_Prep			38701	MA	EET ALB	11/19/25 09:46
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/19/25 14:22

Client Sample ID: BH25-05 2 '**Lab Sample ID: 885-37637-2**

Matrix: Solid

Date Collected: 11/12/25 09:30
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 18:49
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 18:49
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 20:06
Total/NA	Prep	300_Prep			38701	MA	EET ALB	11/19/25 09:46
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/19/25 14:54

Client Sample ID: BH25-06 0 '**Lab Sample ID: 885-37637-3**

Matrix: Solid

Date Collected: 11/12/25 09:39
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 20:00
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 20:00
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 20:18
Total/NA	Prep	300_Prep			38701	MA	EET ALB	11/19/25 09:46
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/19/25 15:49

Client Sample ID: BH25-06 2 '**Lab Sample ID: 885-37637-4**

Matrix: Solid

Date Collected: 11/12/25 09:49
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 20:24

Eurofins Albuquerque

Lab Chronicle

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

Job ID: 885-37637-1
SDG: 25A-05744

Client Sample ID: BH25-06 2 '**Lab Sample ID: 885-37637-4**

Matrix: Solid

Date Collected: 11/12/25 09:49
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 20:24
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 20:29
Total/NA	Prep	300_Prep			38701	MA	EET ALB	11/19/25 09:46
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/19/25 16:00

Client Sample ID: BH25-07 0 '**Lab Sample ID: 885-37637-5**

Matrix: Solid

Date Collected: 11/12/25 09:56
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 20:47
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 20:47
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 20:40
Total/NA	Prep	300_Prep			38701	MA	EET ALB	11/19/25 09:46
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/19/25 16:10

Client Sample ID: BH25-07 2 '**Lab Sample ID: 885-37637-6**

Matrix: Solid

Date Collected: 11/12/25 10:06
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 21:11
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 21:11
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 20:52
Total/NA	Prep	300_Prep			38701	MA	EET ALB	11/19/25 09:46
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/19/25 16:21

Client Sample ID: BH25-08 0 '**Lab Sample ID: 885-37637-7**

Matrix: Solid

Date Collected: 11/12/25 10:17
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 21:35
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 21:35

Eurofins Albuquerque

Lab Chronicle

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

Job ID: 885-37637-1
SDG: 25A-05744

Client Sample ID: BH25-08 0 '**Lab Sample ID: 885-37637-7**

Matrix: Solid

Date Collected: 11/12/25 10:17
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38823	BV	EET ALB	11/20/25 16:14
Total/NA	Analysis	8015M/D		1	38842	EM	EET ALB	11/21/25 16:41
Total/NA	Prep	300_Prep			38701	MA	EET ALB	11/19/25 09:46
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/19/25 16:32

Client Sample ID: BH25-08 2 '**Lab Sample ID: 885-37637-8**

Matrix: Solid

Date Collected: 11/12/25 10:28
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 21:58
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 21:58
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 21:14
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 00:51

Client Sample ID: BH25-09 0 '**Lab Sample ID: 885-37637-9**

Matrix: Solid

Date Collected: 11/12/25 14:08
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 22:22
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 22:22
Total/NA	Prep	SHAKE			38823	BV	EET ALB	11/20/25 16:14
Total/NA	Analysis	8015M/D		50	38842	EM	EET ALB	11/21/25 16:30
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 01:02

Client Sample ID: BH25-09-2 '**Lab Sample ID: 885-37637-10**

Matrix: Solid

Date Collected: 11/12/25 14:31
Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 23:10
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 23:10
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 22:11

Eurofins Albuquerque

Lab Chronicle

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

Job ID: 885-37637-1
SDG: 25A-05744

Client Sample ID: BH25-09-2 '

Date Collected: 11/12/25 14:31
Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 01:13

Client Sample ID: BH25-09 4 '

Date Collected: 11/12/25 14:40
Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/19/25 23:34
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/19/25 23:34
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 22:22
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 01:23

Client Sample ID: BH25-10 0 '

Date Collected: 11/12/25 14:11
Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		50	38729	VP	EET ALB	11/19/25 23:57
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		50	38737	VP	EET ALB	11/19/25 23:57
Total/NA	Prep	SHAKE			38823	BV	EET ALB	11/20/25 16:14
Total/NA	Analysis	8015M/D		200	38938	EM	EET ALB	11/24/25 15:12
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 01:34

Client Sample ID: BH25-10 2 '

Date Collected: 11/12/25 14:59
Date Received: 11/14/25 07:35

Lab Sample ID: 885-37637-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/20/25 00:45
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/20/25 00:45
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 23:07
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 01:45

Eurofins Albuquerque

Lab Chronicle

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

Job ID: 885-37637-1
 SDG: 25A-05744

Client Sample ID: BH25-10 4 '

Lab Sample ID: 885-37637-14

Matrix: Solid

Date Collected: 11/12/25 15:07
 Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		1	38729	VP	EET ALB	11/20/25 01:09
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		1	38737	VP	EET ALB	11/20/25 01:09
Total/NA	Prep	SHAKE			38697	DR	EET ALB	11/19/25 08:55
Total/NA	Analysis	8015M/D		1	38691	BV	EET ALB	11/19/25 23:19
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 01:56

Client Sample ID: BH25-11 0 '

Lab Sample ID: 885-37637-15

Matrix: Solid

Date Collected: 11/12/25 14:05
 Date Received: 11/14/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8015M/D		10	38729	VP	EET ALB	11/20/25 01:32
Total/NA	Prep	5030C			38658	VP	EET ALB	11/18/25 14:28
Total/NA	Analysis	8021B		10	38737	VP	EET ALB	11/20/25 01:32
Total/NA	Prep	SHAKE			38823	BV	EET ALB	11/20/25 16:14
Total/NA	Analysis	8015M/D		100	38938	EM	EET ALB	11/24/25 15:47
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		20	38764	MA	EET ALB	11/20/25 10:26

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex

Job ID: 885-37637-1

Project/Site: White Dove 17 CTB 3

SDG: 25A-05744

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

Eurofins Albuquerque

Chain-of-Custody Record

Client:	Vertex	Project Name:	5-Day Rush	Turn-Around Time:
(direct bill to Devon, work order 21733831)				
Mailing Address:				
3101 Boyd Drive Carlsbad, NM 88220				
Phone #:	575.725.5001	Project #:	White Dove 17 CTB 3	Tel. 505-345-3975 Fax 505-345-4111
email or Fax#:	permian@vertexresource.com	Project Manager:	Kent Stallings	Analysis Request
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)				
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other <input type="checkbox"/> EDD (Type)				
Date	Time	Matrix	Sample Name	
11.12.25	9:19	Soil	BH25-05'0'	1, 4oz jar
11.12.25	9:30	Soil	BH25-05'2'	1, 4oz jar
11.12.25	9:39	Soil	BH25-06'0'	1, 4oz jar
11.12.25	9:49	Soil	BH25-06'2'	1, 4oz jar
11.12.25	9:56	Soil	BH25-07'0'	1, 4oz jar
11.12.25	10:06	Soil	BH25-07'2'	1, 4oz jar
11.12.25	10:17	Soil	BH25-08'0'	1, 4oz jar
11.12.25	10:28	Soil	BH25-08'2'	1, 4oz jar
11.12.25	14:08	Soil	BH25-09'0'	1, 4oz jar
11.12.25	14:31	Soil	BH25-09'2'	1, 4oz jar
11.12.25	14:40	Soil	BH25-09'4'	1, 4oz jar
11.12.25	14:11	Soil	BH25-10'0'	1, 4oz jar
Date:	Time:	Relinquished by:	Via:	Date
11-13-25	07:00	<i>Sabrina M</i>	<i>L. Pullman</i>	11/13/25 7:00
Date:	Time:	Relinquished by:	Via:	Date
11-13-25	11:00	<i>L. Pullman</i>	<i>Sabrina M</i>	11/13/25 11:00
Received by: <i>L. Pullman</i> Date: <i>11/13/25</i> Time: <i>11:00</i> Remarks: ATTN Jim Raley Direct bill to Devon work order 21733831 Jim Raley cc. permian@vertexresource.com, SCartar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report				



4901 Hawkins NE - Albuquerque, NM 885-37637 COC	505-345-3975	505-345-4111
Analysis Request		
Total Coliform (Present/Absent) 8270 (Semi-VOA) 8260 (VOA) CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ RCRA 8 Metals PAHS by 8310 or 8270SIMS EDB (Method 504.1) TPH: 8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's BTEX / MTBE / TMB's (8021)		

1 2 3 4 5 6 7 8 9 10 11

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-37637-1

SDG Number: 25A-05744

Login Number: 37637**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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings

Vertex

3101 Boyd Dr

Carlsbad, New Mexico 88220

Generated 11/26/2025 11:48:50 AM

JOB DESCRIPTION

White Dove 17 CTB 3

JOB NUMBER

885-37828-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization



Authorized for release by
Andy Freeman, Business Unit Manager
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(505)345-3975

Generated
11/26/2025 11:48:50 AM

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

Laboratory Job ID: 885-37828-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-37828-1

Project/Site: White Dove 17 CTB 3

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

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

Case Narrative

Client: Vertex
Project: White Dove 17 CTB 3

Job ID: 885-37828-1

Job ID: 885-37828-1

Eurofins Albuquerque

Job Narrative 885-37828-1

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

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

Receipt

The samples were received on 11/18/2025 7:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

Gasoline Range Organics

Method 8015D_GRO: Surrogate recovery for the following sample was outside control limits: BH25-12 0' (885-37828-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH25-12 0' (885-37828-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-38760 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: BH25-12 2' (885-37828-5).

Method 8015D_DRO: Surrogate recovery for the following sample(s) was outside the upper control limit. ND samples reported

Method 8015D_DRO: The following sample required a dilution due to the nature of the sample matrix: BH25-12 0' (885-37828-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8015D_DRO: Surrogate recovery for the following sample is outside the upper control limit: (CCV 885-39005/6). Corresponding CCV shows high surrogate. However, samples associated with this CCV is shown as diluted below calibration. Therefore, data is reported.

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37828-1

Client Sample ID: BH25-10 5'
 Date Collected: 11/13/25 10:29
 Date Received: 11/18/25 07:35

Lab Sample ID: 885-37828-1
 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		11/19/25 12:40	11/20/25 13:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			11/19/25 12:40	11/20/25 13:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/19/25 12:40	11/20/25 13:37	1
Ethylbenzene	ND		0.048	mg/Kg		11/19/25 12:40	11/20/25 13:37	1
Toluene	ND		0.048	mg/Kg		11/19/25 12:40	11/20/25 13:37	1
Xylenes, Total	ND		0.095	mg/Kg		11/19/25 12:40	11/20/25 13:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			11/19/25 12:40	11/20/25 13:37	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		11/19/25 14:16	11/19/25 18:35	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/19/25 14:16	11/19/25 18:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			11/19/25 14:16	11/19/25 18:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		49	mg/Kg		11/19/25 16:15	11/20/25 03:01	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37828-1

Client Sample ID: BH25-11 2'
 Date Collected: 11/13/25 10:48
 Date Received: 11/18/25 07:35

Lab Sample ID: 885-37828-2
 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		11/19/25 12:40	11/20/25 14:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			11/19/25 12:40	11/20/25 14:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/19/25 12:40	11/20/25 14:42	1
Ethylbenzene	ND		0.048	mg/Kg		11/19/25 12:40	11/20/25 14:42	1
Toluene	ND		0.048	mg/Kg		11/19/25 12:40	11/20/25 14:42	1
Xylenes, Total	ND		0.097	mg/Kg		11/19/25 12:40	11/20/25 14:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			11/19/25 12:40	11/20/25 14:42	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		11/19/25 14:16	11/19/25 18:47	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/19/25 14:16	11/19/25 18:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			11/19/25 14:16	11/19/25 18:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		50	mg/Kg		11/19/25 16:15	11/20/25 03:12	10

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Client Sample Results

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

Job ID: 885-37828-1

Client Sample ID: BH25-11 4'
 Date Collected: 11/13/25 10:59
 Date Received: 11/18/25 07:35

Lab Sample ID: 885-37828-3
 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		5.0	mg/Kg		11/19/25 12:40	11/20/25 15:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			11/19/25 12:40	11/20/25 15:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/19/25 12:40	11/20/25 15:47	1
Ethylbenzene	ND		0.050	mg/Kg		11/19/25 12:40	11/20/25 15:47	1
Toluene	ND		0.050	mg/Kg		11/19/25 12:40	11/20/25 15:47	1
Xylenes, Total	ND		0.10	mg/Kg		11/19/25 12:40	11/20/25 15:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			11/19/25 12:40	11/20/25 15:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		11/19/25 14:16	11/19/25 19:11	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/19/25 14:16	11/19/25 19:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			11/19/25 14:16	11/19/25 19:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/19/25 16:15	11/20/25 03:23	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37828-1

Client Sample ID: BH25-12 0'
 Date Collected: 11/13/25 11:04
 Date Received: 11/18/25 07:35

Lab Sample ID: 885-37828-4
 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	1000		25	mg/Kg		11/19/25 12:40	11/20/25 16:23	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	525	S1+	15 - 150			11/19/25 12:40	11/20/25 16:23	5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.70		0.12	mg/Kg		11/19/25 12:40	11/20/25 16:23	5
Ethylbenzene	17		0.25	mg/Kg		11/19/25 12:40	11/20/25 16:23	5
Toluene	20		0.25	mg/Kg		11/19/25 12:40	11/20/25 16:23	5
Xylenes, Total	81		4.9	mg/Kg		11/19/25 12:40	11/21/25 10:54	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	223	S1+	15 - 150			11/19/25 12:40	11/20/25 16:23	5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	24000		490	mg/Kg		11/19/25 14:16	11/25/25 15:26	50
Motor Oil Range Organics [C28-C40]	12000		2400	mg/Kg		11/19/25 14:16	11/25/25 15:26	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	S1- D	62 - 134			11/19/25 14:16	11/25/25 15:26	50

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		11/19/25 16:15	11/20/25 03:34	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37828-1

Client Sample ID: BH25-12 2'
 Date Collected: 11/13/25 11:20
 Date Received: 11/18/25 07:35

Lab Sample ID: 885-37828-5
 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		11/19/25 12:40	11/20/25 16:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134		15 - 150			11/19/25 12:40	11/20/25 16:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/19/25 12:40	11/20/25 16:45	1
Ethylbenzene	ND		0.049	mg/Kg		11/19/25 12:40	11/20/25 16:45	1
Toluene	ND		0.049	mg/Kg		11/19/25 12:40	11/20/25 16:45	1
Xylenes, Total	ND		0.098	mg/Kg		11/19/25 12:40	11/20/25 16:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			11/19/25 12:40	11/20/25 16:45	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		9.9	mg/Kg		11/19/25 14:16	11/20/25 12:06	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/19/25 14:16	11/20/25 12:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			11/19/25 14:16	11/20/25 12:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		11/19/25 16:15	11/20/25 03:44	10

Eurofins Albuquerque

Client Sample Results

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

Job ID: 885-37828-1

Client Sample ID: BH25-12 4'
 Date Collected: 11/13/25 11:27
 Date Received: 11/18/25 07:35

Lab Sample ID: 885-37828-6
 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		11/19/25 12:40	11/20/25 17:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		15 - 150			11/19/25 12:40	11/20/25 17:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/19/25 12:40	11/20/25 17:06	1
Ethylbenzene	ND		0.047	mg/Kg		11/19/25 12:40	11/20/25 17:06	1
Toluene	ND		0.047	mg/Kg		11/19/25 12:40	11/20/25 17:06	1
Xylenes, Total	ND		0.095	mg/Kg		11/19/25 12:40	11/20/25 17:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			11/19/25 12:40	11/20/25 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		9.7	mg/Kg		11/19/25 14:16	11/21/25 12:01	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/19/25 14:16	11/21/25 12:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			11/19/25 14:16	11/21/25 12:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		11/19/25 16:15	11/20/25 03:55	10

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-37828-1

Project/Site: White Dove 17 CTB 3

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

Lab Sample ID: MB 885-38720/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38778

Prep Batch: 38720

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/19/25 12:40	11/20/25 12:53	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	109		15 - 150	11/19/25 12:40	11/20/25 12:53	1

Lab Sample ID: LCS 885-38720/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38778

Prep Batch: 38720

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier	Unit			
Gasoline Range Organics (GRO)-C6-C10			25.0	24.8		mg/Kg		99	70 - 130

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	215		15 - 150	11/19/25 12:40	11/20/25 12:53	1

Lab Sample ID: 885-37828-1 MS

Client Sample ID: BH25-10 5'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38778

Prep Batch: 38720

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	ND		23.9	22.6		mg/Kg		94	70 - 130

Surrogate	MS	MS	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	205		15 - 150	11/19/25 12:40	11/20/25 12:53	1

Lab Sample ID: 885-37828-1 MSD

Client Sample ID: BH25-10 5'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38778

Prep Batch: 38720

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		23.8	23.9		mg/Kg		101	70 - 130	6	20

Surrogate	MSD	MSD	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	212		15 - 150	11/19/25 12:40	11/20/25 12:53	1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38720/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38779

Prep Batch: 38720

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		11/19/25 12:40	11/20/25 12:53	1
Ethylbenzene	ND		0.050	mg/Kg		11/19/25 12:40	11/20/25 12:53	1
Toluene	ND		0.050	mg/Kg		11/19/25 12:40	11/20/25 12:53	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-37828-1

Project/Site: White Dove 17 CTB 3

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

Lab Sample ID: MB 885-38720/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38779

Prep Batch: 38720

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	mg/Kg								
Xylenes, Total			0.10					11/19/25 12:40	11/20/25 12:53	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits		D	Prepared	Analyzed	Dil Fac
	96				15 - 150					
4-Bromofluorobenzene (Surr)								11/19/25 12:40	11/20/25 12:53	1

Lab Sample ID: LCS 885-38720/3-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38779

Prep Batch: 38720

Analyte	Spike	LCS		Unit	D	%Rec	Limits
		Added	Result				
Benzene	1.00	0.951	mg/Kg	95	70 - 130		
Ethylbenzene	1.00	0.961	mg/Kg	96	70 - 130		
m-Xylene & p-Xylene	2.00	1.93	mg/Kg	97	70 - 130		
o-Xylene	1.00	0.969	mg/Kg	97	70 - 130		
Toluene	1.00	0.957	mg/Kg	96	70 - 130		
Surrogate	LCS	LCS	%Recovery	Qualifier	Limits		
	99						
4-Bromofluorobenzene (Surr)							

Lab Sample ID: 885-37828-2 MS

Client Sample ID: BH25-11 2'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38779

Prep Batch: 38720

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzene	ND		0.967	0.996	mg/Kg	103	70 - 130		
Ethylbenzene	ND		0.967	1.02	mg/Kg	105	70 - 130		
m-Xylene & p-Xylene	ND		1.93	2.07	mg/Kg	107	70 - 130		
o-Xylene	ND		0.967	1.03	mg/Kg	107	70 - 130		
Toluene	ND		0.967	1.01	mg/Kg	105	70 - 130		
Surrogate	MS	MS	%Recovery	Qualifier	Limits				
	98								
4-Bromofluorobenzene (Surr)									

Lab Sample ID: 885-37828-2 MSD

Client Sample ID: BH25-11 2'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 38779

Prep Batch: 38720

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	ND		0.969	0.977	mg/Kg	101	70 - 130	2	20		
Ethylbenzene	ND		0.969	0.987	mg/Kg	102	70 - 130	3	20		
m-Xylene & p-Xylene	ND		1.94	1.96	mg/Kg	101	70 - 130	5	20		
o-Xylene	ND		0.969	0.985	mg/Kg	102	70 - 130	5	20		
Toluene	ND		0.969	0.970	mg/Kg	100	70 - 130	4	20		
Surrogate	MSD	MSD	%Recovery	Qualifier	Limits						
	98										
4-Bromofluorobenzene (Surr)											

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-37828-1

Project/Site: White Dove 17 CTB 3

Method: 8015M/D - Diesel Range Organics (DRO) (GC)**Lab Sample ID: MB 885-38731/1-A****Matrix: Solid****Analysis Batch: 38689****Client Sample ID: Method Blank****Prep Type: Total/NA****Prep Batch: 38731**

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Diesel Range Organics [C10-C28]	ND				10	mg/Kg		11/19/25 14:16	11/19/25 17:01	1
Motor Oil Range Organics [C28-C40]	ND				50	mg/Kg		11/19/25 14:16	11/19/25 17:01	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Di-n-octyl phthalate (Sur)	100				62 - 134	11/19/25 14:16	11/19/25 17:01	1

Lab Sample ID: LCS 885-38731/2-A**Matrix: Solid****Analysis Batch: 38689****Client Sample ID: Lab Control Sample****Prep Type: Total/NA****Prep Batch: 38731**

Analyte	MB	MB	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier									
Diesel Range Organics [C10-C28]			50.0			52.6		mg/Kg		105	51 - 148
Surrogate											
Di-n-octyl phthalate (Sur)			99			62 - 134					

Method: 300.0 - Anions, Ion Chromatography**Lab Sample ID: MB 885-38741/1-A****Matrix: Solid****Analysis Batch: 38707****Client Sample ID: Method Blank****Prep Type: Total/NA****Prep Batch: 38741**

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	ND				5.1	mg/Kg		11/19/25 16:15	11/19/25 22:41	1

Lab Sample ID: LCS 885-38741/2-A**Matrix: Solid****Analysis Batch: 38707****Client Sample ID: Lab Control Sample****Prep Type: Total/NA****Prep Batch: 38741**

Analyte	MB	MB	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier									
Chloride			50.2			49.8		mg/Kg		99	90 - 110

Eurofins Albuquerque

QC Association Summary

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

Job ID: 885-37828-1

GC VOA

Prep Batch: 38720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-1	BH25-10 5'	Total/NA	Solid	5030C	
885-37828-2	BH25-11 2'	Total/NA	Solid	5030C	
885-37828-3	BH25-11 4'	Total/NA	Solid	5030C	
885-37828-4	BH25-12 0'	Total/NA	Solid	5030C	
885-37828-5	BH25-12 2'	Total/NA	Solid	5030C	
885-37828-6	BH25-12 4'	Total/NA	Solid	5030C	
MB 885-38720/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38720/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38720/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-37828-1 MS	BH25-10 5'	Total/NA	Solid	5030C	
885-37828-1 MSD	BH25-10 5'	Total/NA	Solid	5030C	
885-37828-2 MS	BH25-11 2'	Total/NA	Solid	5030C	
885-37828-2 MSD	BH25-11 2'	Total/NA	Solid	5030C	

Analysis Batch: 38778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-1	BH25-10 5'	Total/NA	Solid	8015M/D	38720
885-37828-2	BH25-11 2'	Total/NA	Solid	8015M/D	38720
885-37828-3	BH25-11 4'	Total/NA	Solid	8015M/D	38720
885-37828-4	BH25-12 0'	Total/NA	Solid	8015M/D	38720
885-37828-5	BH25-12 2'	Total/NA	Solid	8015M/D	38720
885-37828-6	BH25-12 4'	Total/NA	Solid	8015M/D	38720
MB 885-38720/1-A	Method Blank	Total/NA	Solid	8015M/D	38720
LCS 885-38720/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38720
885-37828-1 MS	BH25-10 5'	Total/NA	Solid	8015M/D	38720
885-37828-1 MSD	BH25-10 5'	Total/NA	Solid	8015M/D	38720

Analysis Batch: 38779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-1	BH25-10 5'	Total/NA	Solid	8021B	38720
885-37828-2	BH25-11 2'	Total/NA	Solid	8021B	38720
885-37828-3	BH25-11 4'	Total/NA	Solid	8021B	38720
885-37828-4	BH25-12 0'	Total/NA	Solid	8021B	38720
885-37828-5	BH25-12 2'	Total/NA	Solid	8021B	38720
885-37828-6	BH25-12 4'	Total/NA	Solid	8021B	38720
MB 885-38720/1-A	Method Blank	Total/NA	Solid	8021B	38720
LCS 885-38720/3-A	Lab Control Sample	Total/NA	Solid	8021B	38720
885-37828-2 MS	BH25-11 2'	Total/NA	Solid	8021B	38720
885-37828-2 MSD	BH25-11 2'	Total/NA	Solid	8021B	38720

Analysis Batch: 38863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-4	BH25-12 0'	Total/NA	Solid	8021B	38720

GC Semi VOA

Analysis Batch: 38689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-1	BH25-10 5'	Total/NA	Solid	8015M/D	38731
885-37828-2	BH25-11 2'	Total/NA	Solid	8015M/D	38731
885-37828-3	BH25-11 4'	Total/NA	Solid	8015M/D	38731

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QC Association Summary

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

Job ID: 885-37828-1

GC Semi VOA (Continued)

Analysis Batch: 38689 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-38731/1-A	Method Blank	Total/NA	Solid	8015M/D	38731
LCS 885-38731/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38731

Prep Batch: 38731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-1	BH25-10 5'	Total/NA	Solid	SHAKE	7
885-37828-2	BH25-11 2'	Total/NA	Solid	SHAKE	8
885-37828-3	BH25-11 4'	Total/NA	Solid	SHAKE	9
885-37828-4	BH25-12 0'	Total/NA	Solid	SHAKE	10
885-37828-5	BH25-12 2'	Total/NA	Solid	SHAKE	11
885-37828-6	BH25-12 4'	Total/NA	Solid	SHAKE	
MB 885-38731/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38731/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 38760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-5	BH25-12 2'	Total/NA	Solid	8015M/D	38731

Analysis Batch: 38842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-6	BH25-12 4'	Total/NA	Solid	8015M/D	38731

Analysis Batch: 39005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-4	BH25-12 0'	Total/NA	Solid	8015M/D	38731

HPLC/IC

Analysis Batch: 38707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-1	BH25-10 5'	Total/NA	Solid	300.0	38741
885-37828-2	BH25-11 2'	Total/NA	Solid	300.0	38741
885-37828-3	BH25-11 4'	Total/NA	Solid	300.0	38741
885-37828-4	BH25-12 0'	Total/NA	Solid	300.0	38741
885-37828-5	BH25-12 2'	Total/NA	Solid	300.0	38741
885-37828-6	BH25-12 4'	Total/NA	Solid	300.0	38741
MB 885-38741/1-A	Method Blank	Total/NA	Solid	300.0	38741
LCS 885-38741/2-A	Lab Control Sample	Total/NA	Solid	300.0	38741

Prep Batch: 38741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37828-1	BH25-10 5'	Total/NA	Solid	300_Prep	
885-37828-2	BH25-11 2'	Total/NA	Solid	300_Prep	
885-37828-3	BH25-11 4'	Total/NA	Solid	300_Prep	
885-37828-4	BH25-12 0'	Total/NA	Solid	300_Prep	
885-37828-5	BH25-12 2'	Total/NA	Solid	300_Prep	
885-37828-6	BH25-12 4'	Total/NA	Solid	300_Prep	
MB 885-38741/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38741/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

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Lab Chronicle

Client: Vertex

Job ID: 885-37828-1

Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-10 5'**Lab Sample ID: 885-37828-1**

Matrix: Solid

Date Collected: 11/13/25 10:29

Date Received: 11/18/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8015M/D		1	38778	VP	EET ALB	11/20/25 13:37
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8021B		1	38779	VP	EET ALB	11/20/25 13:37
Total/NA	Prep	SHAKE			38731	BV	EET ALB	11/19/25 14:16
Total/NA	Analysis	8015M/D		1	38689	EM	EET ALB	11/19/25 18:35
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 03:01

Client Sample ID: BH25-11 2'**Lab Sample ID: 885-37828-2**

Matrix: Solid

Date Collected: 11/13/25 10:48

Date Received: 11/18/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8015M/D		1	38778	VP	EET ALB	11/20/25 14:42
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8021B		1	38779	VP	EET ALB	11/20/25 14:42
Total/NA	Prep	SHAKE			38731	BV	EET ALB	11/19/25 14:16
Total/NA	Analysis	8015M/D		1	38689	EM	EET ALB	11/19/25 18:47
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 03:12

Client Sample ID: BH25-11 4'**Lab Sample ID: 885-37828-3**

Matrix: Solid

Date Collected: 11/13/25 10:59

Date Received: 11/18/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8015M/D		1	38778	VP	EET ALB	11/20/25 15:47
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8021B		1	38779	VP	EET ALB	11/20/25 15:47
Total/NA	Prep	SHAKE			38731	BV	EET ALB	11/19/25 14:16
Total/NA	Analysis	8015M/D		1	38689	EM	EET ALB	11/19/25 19:11
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 03:23

Client Sample ID: BH25-12 0'**Lab Sample ID: 885-37828-4**

Matrix: Solid

Date Collected: 11/13/25 11:04

Date Received: 11/18/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8015M/D		5	38778	VP	EET ALB	11/20/25 16:23

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Lab Chronicle

Client: Vertex

Job ID: 885-37828-1

Project/Site: White Dove 17 CTB 3

Client Sample ID: BH25-12 0'**Lab Sample ID: 885-37828-4**

Matrix: Solid

Date Collected: 11/13/25 11:04

Date Received: 11/18/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8021B		5	38779	VP	EET ALB	11/20/25 16:23
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8021B		50	38863	AT	EET ALB	11/21/25 10:54
Total/NA	Prep	SHAKE			38731	BV	EET ALB	11/19/25 14:16
Total/NA	Analysis	8015M/D		50	39005	EM	EET ALB	11/25/25 15:26
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 03:34

Client Sample ID: BH25-12 2'**Lab Sample ID: 885-37828-5**

Matrix: Solid

Date Collected: 11/13/25 11:20

Date Received: 11/18/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8015M/D		1	38778	VP	EET ALB	11/20/25 16:45
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8021B		1	38779	VP	EET ALB	11/20/25 16:45
Total/NA	Prep	SHAKE			38731	BV	EET ALB	11/19/25 14:16
Total/NA	Analysis	8015M/D		1	38760	BV	EET ALB	11/20/25 12:06
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 03:44

Client Sample ID: BH25-12 4'**Lab Sample ID: 885-37828-6**

Matrix: Solid

Date Collected: 11/13/25 11:27

Date Received: 11/18/25 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8015M/D		1	38778	VP	EET ALB	11/20/25 17:06
Total/NA	Prep	5030C			38720	JP	EET ALB	11/19/25 12:40
Total/NA	Analysis	8021B		1	38779	VP	EET ALB	11/20/25 17:06
Total/NA	Prep	SHAKE			38731	BV	EET ALB	11/19/25 14:16
Total/NA	Analysis	8015M/D		1	38842	EM	EET ALB	11/21/25 12:01
Total/NA	Prep	300_Prep			38741	MA	EET ALB	11/19/25 16:15
Total/NA	Analysis	300.0		10	38707	EH	EET ALB	11/20/25 03:55

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex

Job ID: 885-37828-1

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

Eurofins Albuquerque

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-37828-1

Login Number: 37828**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	

ATTACHMENT 5

Closure Criteria Determination			
Site Name: White Dove 17 CTB 3			
Spill Coordinates: 32.30942, -103.4943910		X: 641740 Y: 3575729	
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	>105	feet
	Distance between release and nearest DTGW reference	1,341	feet
	Date of nearest DTGW reference measurement	0.25	miles
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	June 6, 2025	
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	2,918	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	5,955	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	4,545	feet
	ii) Within 1000 feet of any fresh water well or spring	1,567	
6	Within 1000 feet of any fresh water well or spring	1,272	
7	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)
8	Within 300 feet of a wetland	2,709	feet
	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	97,560	
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'

OSE POD 0.5 miles



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

OSE POD 0.5 miles



11/15/2025, 6:17:48 AM

GIS WATERS PODs

Pending

Changed Location of Well

Pending

Capped

Active

Capped

Inactive

Plugged

Unknown

Active

Plugged

Inactive

Unknown

Changed Location of Well

Capped

Plugged

Unknown

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations



1:13,562

0 0.07 0.15 0.3 mi
0 0.15 0.3 0.6 kmVantor, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c)
OpenStreetMap contributors, and the GIS User Community

Water Column/Average Depth to Water

		(quarters are (R=POD has been replaced, O=orphaned, C=the file is closed)													(NAD83 UTM in meters)		
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column	
CP 02065 POD1		CP	LE	NE	NW	NW	17	23S	34E	641388.8	3575938.6		408	105			
CP 00556 POD1		CP	LE	SE	SE	SW	08	23S	34E	641762.5	3576206.3		477	497	255	242	
CP 01886 POD1		CP	LE	SE	NW	SE	07	23S	34E	640645.6	3576545.2		1365				
CP 01730 POD1		CP	LE	NE	NE	NW	16	23S	34E	643549.2	3575824.7		1811	594	200	394	
CP 00872 POD1		CP	LE	NW	NW	NW	08	23S	34E	641225.0	3577504.0 *		1848	494	305	189	
CP 01075 POD1		CP	LE	NW	NW	NW	08	23S	34E	641295.1	3577544.6		1869	430	20	410	
CP 01760 POD1		CP	LE	SW	NW	NE	16	23S	34E	643627.4	3575897.6		1894	767	290	477	
CP 01502 POD1		CP	LE	SE	SW	SW	05	23S	34E	641316.1	3577635.4		1952	648	200	448	
CP 01502 POD2		CP	LE	SE	SW	SW	05	23S	34E	642073.9	3577676.9		1976	680	300	380	

Average Depth to Water: **224 feet**Minimum Depth: **20 feet**Maximum Depth: **305 feet****Record Count:** 9**UTM Filters (in meters):****Easting:** 641740**Northing:** 3575729**Radius:** 002000

* UTM location was derived from PLSS - see Help

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Water Column/Average Depth to Water

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Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 02065 POD1	NE	NW	NW	17	23S	34E	641388.8	3575938.6	

* UTM location was derived from PLSS - see Help

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE D ATKINS

Drill Start Date: 2025-06-06 **Drill Finish Date:** 2025-06-06 **Plug Date:** 2025-06-17

Log File Date: 2025-07-10 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** 105 **Depth Water:**

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Point of Diversion Summary

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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		Transaction Desc.	From/To	Acres	Diversion	Consumptive
				1	2					
get images	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	641388.8	3575938.6		WHITE DOVE 17 FEDERAL COM 021H

* UTM location was derived from PLSS - see Help

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WELL RECORD & LOG
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FOR OSE INTERNAL USE

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

FILE NO. CP-2065	POD NO. 1	TRN NO. 785566
LOCATION 235.34E. 17 211	WELL TAG ID NO. NA	PAGE 1 OF 2

FOR OSE INTERNAL USE

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

FILE NO. CP-2005	POD NO. 1	TRN NO. 785566
LOCATION 235.34E.17 211	WELL TAG ID NO. NA	PAGE 2 OF 2

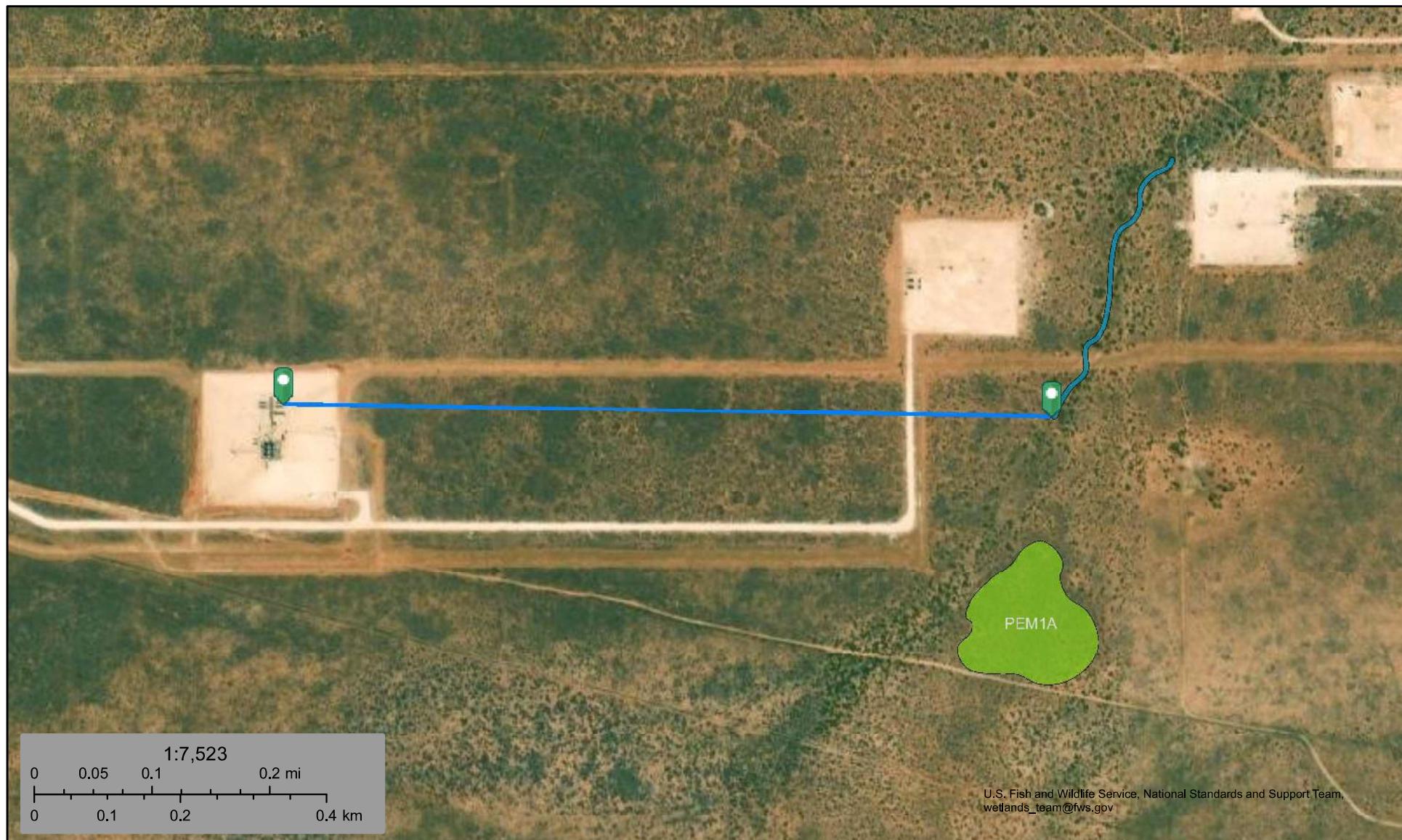


U.S. Fish and Wildlife Service

National Wetlands Inventory

02 - Intermittent 2,918 feet

Released to Imaging: 1/6/2026 1:59:15 PM



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.



U.S. Fish and Wildlife Service

National Wetlands Inventory

03 - Pond 5,955 feet

Released to Imaging: 1/6/2026 1:59:15 PM



October 2, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

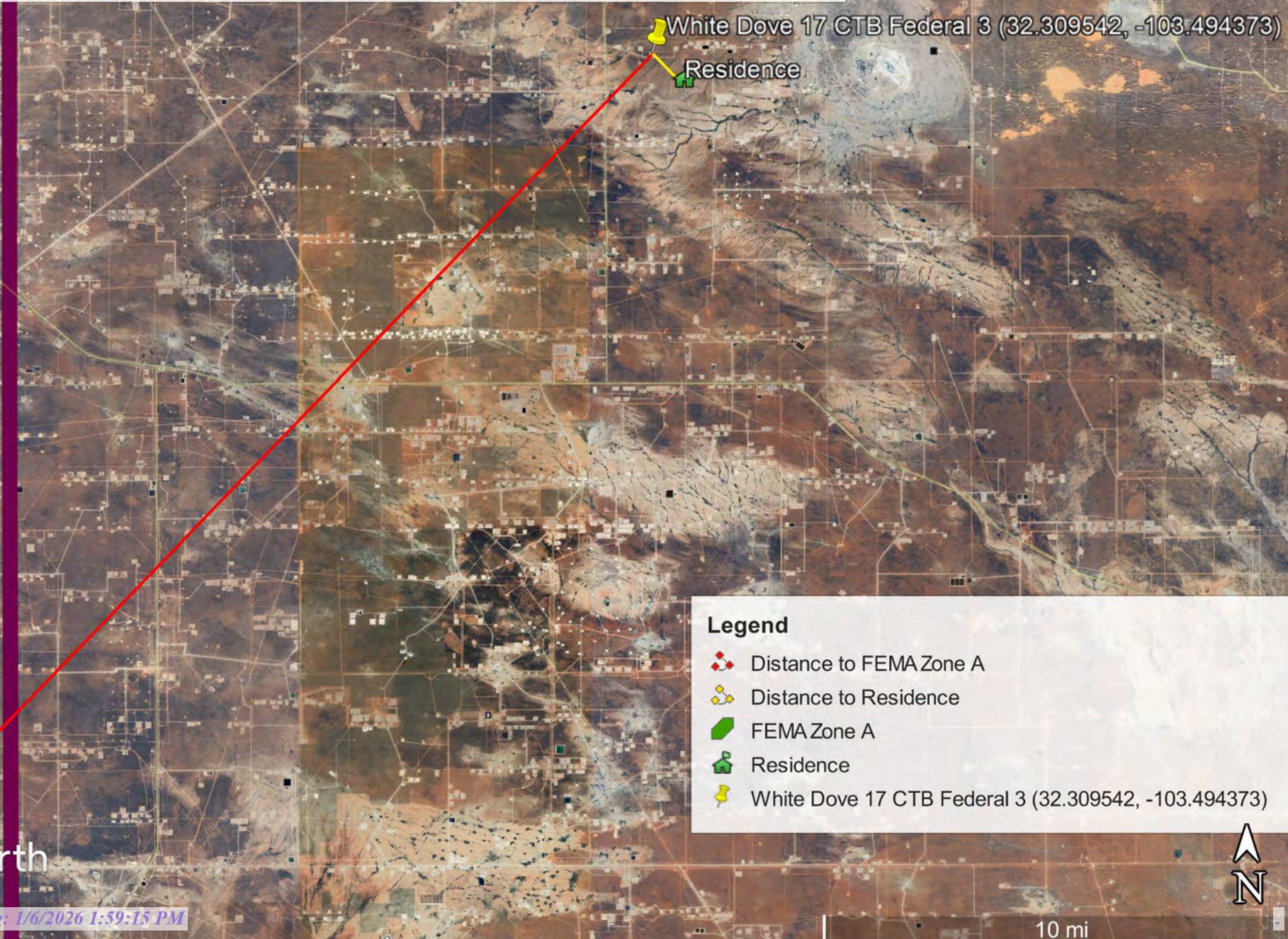
- Lake
- Other
- Riverine

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.

04, 10 - White Dove 17 CTB Federal 3 (32.309542, -103.494373)

Distance to FEMA Zone A:
106,387 FT (10.14 mi)

Distance to Residence:
4,545 ft (0.86 mi)



Active & Inactive Points of Diversion (with Ownership Information)

(acre ft per annum)										(R=POD has been replaced and no longer serves this file, C=the file is closed)		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)			
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	*		387.8	
CP 02065	CP	MON	0.000	DEVON ENERGY PRODUCTION LP	LE	CP 02065 POD1	NA			NE	NW	NW	17	23S	34E	641388.8	3575938.6		409.0		
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		477.8	
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		477.8	
CP 01071	CP	PRO	0.000	TD WATER SERVICES	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		477.8	
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		477.8	
CP 01179	CP	PRO	0.000	CONCHO OIL & GAS	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		477.8	
CP 01180	CP	PRO	0.000	CONCHO OIL & GAS	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		477.8	
CP 01181	CP	PRO	0.000	CONCHO OIL & GAS	LE	CP 00556 POD1				Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		477.8	
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		1,365.2		
CP 00613	CP	PRO	0.000	J.C. MILLS	LE	CP 00613				SW	NW	SE	07	23S	34E	640433.0	3576489.0	*		1,511.9	
CP 01168	CP	EXP	0.000	LIMESTONE LIVESTOCK LLC	LE	CP 01168 POD1				NE	SE	NW	18	23S	34E	640246.6	3575420.9		1,524.9		
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		1,811.7	
CP 00872	CP	EXP	0.000	KELLER RV, LLC.	LE	CP 00872 POD1				Shallow	NW	NW	NW	08	23S	34E	641225.0	3577504.0	*		1,848.2
CP 00876	CP	PLS	50.000	LIMESTONE BASIN PROPERTIES	LE	CP 00872 POD1				Shallow	NW	NW	NW	08	23S	34E	641225.0	3577504.0	*		1,848.2
CP 00878	CP	PRO	0.000	PENWELL ENERGY	LE	CP 00872 POD1				Shallow	NW	NW	NW	08	23S	34E	641225.0	3577504.0	*		1,848.2
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		1,869.3	
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		1,869.3	
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		1,894.9	
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		1,953.0	
					LE	CP 01502 POD2	NA			Shallow	SE	SW	SW	05	23S	34E	642073.9	3577676.9		1,976.3	

Record Count: 21

Filters Applied:

UTM Filters (in meters):

Easting: 641740

Northing: 3575729

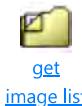
Radius: 002000

Sorted By: Distance

* UTM location was derived from PLSS - see Help

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Water Right Summary



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		Owner Class:	O w ne r

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

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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 00556	POD1	SE	SE	SW	08	23S	34E	641762.5	3576206.3	

* UTM location was derived from PLSS - see Help

Driller License: 46 **Driller Company:** ABBOTT BROTHERS COMPANY

Driller Name: ABBOTT, MURRELL

Drill Start Date: 1974-09-27 **Drill Finish Date:** 1974-10-17 **Plug Date:**

Log File Date: 1974-10-25 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 28

Casing Size: 7.00 **Depth Well:** 497 **Depth Water:** 255

Water Bearing Stratifications:

Top	Bottom	Description
255	497	Other/Unknown

Casing Perforations:

Top	Bottom
397	497

Meter Information

Meter Number:	8511	Meter Make:	MASTER
Meter Serial Number:	162038091	Meter Multiplier:	1.0000
Number of Dials:	9	Meter Type:	Diversion
Unit of Measure:	Gallons	Reading Frequency:	Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2004-08-20	2004	42932.000	A	jw		0.000	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2004-12-04	2004	52692.000	A	jw		2.995	
2014-06-06	2014	301111.000	A	RPT		0.000	
2014-10-01	2014	42846900.000	A	RPT	Changeout 6-6-14	0.000	
2014-12-31	2014	52078300.000	A	RPT		28.330	
2015-01-01	2015	52078300.000	A	RPT		0.000	
2015-02-01	2015	54551900.000	A	RPT		7.591	
2015-03-27	2015	8539300.000	A	RPT	Changeout 3-27-15	0.000	
2015-03-27	2015	58752900.000	A	RPT		12.892	
2015-04-30	2015	11420700.000	A	RPT		8.843	
2015-05-31	2015	14304800.000	A	RPT		8.851	
2015-07-01	2015	17059300.000	A	RPT		8.453	
2015-08-01	2015	19766900.000	A	RPT		8.309	
2016-01-01	2016	29255500.000	A	RPT		29.119	
2016-02-01	2016	29935100.000	A	RPT		2.086	
2016-03-02	2016	29935100.000	A	RPT		0.000	
2016-04-01	2016	29935100.000	A	RPT		0.000	
2016-05-01	2016	29935100.000	A	RPT		0.000	
2016-06-01	2016	30608200.000	A	RPT		2.066	
2016-07-01	2016	30608200.000	A	RPT		0.000	
2016-08-01	2016	35219100.000	A	RPT		14.150	
2016-09-01	2016	37237600.000	A	RPT		6.195	
2016-10-01	2016	39565700.000	A	RPT		7.145	
2016-11-01	2016	41758893.000	A	RPT		6.731	
2016-12-01	2016	42681000.000	A	RPT		2.830	
2016-12-31	2016	44051528.000	A	RPT		4.206	
2017-01-31	2017	44051556.000	A	RPT		0.000	
2017-02-28	2017	45103057.000	A	RPT		3.227	
2017-03-31	2017	47434243.000	A	RPT		7.154	
2017-04-30	2017	48896700.000	A	RPT		4.488	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2017-05-31	2017	51591700.000	A	RPT		8.271	
2017-06-30	2017	54128300.000	A	RPT		7.785	
2017-07-31	2017	55958997.000	A	RPT		5.618	
2017-08-14	2017	56239094.000	A	RPT		0.860	
2017-08-14	2017	0.000	A	RPT		0.000	
2017-08-21	2017	592800.000	A	RPT		1.819	
2017-09-30	2017	593300.000	A	RPT		0.002	
2017-10-31	2017	2259200.000	A	RPT		5.112	
2017-11-30	2017	3589700.000	A	RPT		4.083	
2017-12-31	2017	5014800.000	A	RPT		4.373	
2018-01-31	2018	6071400.000	A	RPT		3.243	
2018-02-28	2018	6484000.000	A	RPT		1.266	
2018-03-31	2018	8664100.000	A	RPT		6.690	
2018-05-31	2018	12408500.000	A	RPT		11.491	
2018-10-31	2018	21487685.000	A	RPT		27.863	
2018-11-30	2018	21487685.000	A	RPT		0.000	
2019-03-31	2019	21487685.000	A	RPT		0.000	
2019-04-30	2019	21487685.000	A	RPT		0.000	

YTD Meter Amounts:

Year	Amount
2004	2.995
2014	28.330
2015	54.939
2016	74.528
2017	52.792
2018	50.553

Water Right Summary



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

WR File Number:	CP 00556	Subbasin:	CP	Cross Reference:
Primary Purpose:	COM COMMERCIAL			
Primary Status:	PMT Permit			
Total Acres:			Subfile:	Header:
Total Diversion:	0.000		Cause/Case:	
Owner:	JIMMY MILLS GST TRUST		Owner Class:	Owner
Contact:	STACY MILLS			
Owner:	GREGORY ROCKHOUSE RANCH, INC.		Owner Class:	Owner
Contact:	MIKE STAPLETON			

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 599987	599987	APPRO	2014-05-27	WDP	WDR	CP 00556 (T)	T	0.000	100.000	100.000
get images 474123	474123	72121	2004-08-27	EXP	EXP	CP 00556	T		3.000	
get images 474122	474122	72121	1997-03-03	EXP	EXP	CP 00556	T		3.000	
get images 474121	474121	72121	1996-06-27	EXP	EXP	CP 00556	T		3.000	
get images 474119	474119	72121	1982-10-05	EXP	EXP	CP 00556	T		3.000	
get images 474118	474118	72121	1982-06-09	EXP	EXP	CP 00556	T		3.000	
get images 474115	474115	72121	1982-03-19	EXP	EXP	CP 00556	T		3.000	
get images 474108	474108	72121	1981-08-13	EXP	EXP	CP 00556	T		3.000	
get images 474106	474106	COWNF	1980-12-09	CHG	PRC	CP 00556	T		0.000	
get images 474103	474103	72121	1976-04-26	PMT	LOG	CP 00556	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 00556 POD1		Shallow	SE	SE	SW	08	23S	34E	641762.5	3576206.3		

* UTM location was derived from PLSS - see Help

Priority Summary

Priority	Status	Acres	Diversion	POD Number	Source
2013-05-20	PMT	0.000	100.000	CP 00556 POD1	Shallow

Place of Use

Q256	Q64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0.000	100.000	100.000	COM	2013-05-20	PMT	NO PLACE OF USE GIVEN

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0.000	100.000	100.000	COM	2013-05-20	GW	

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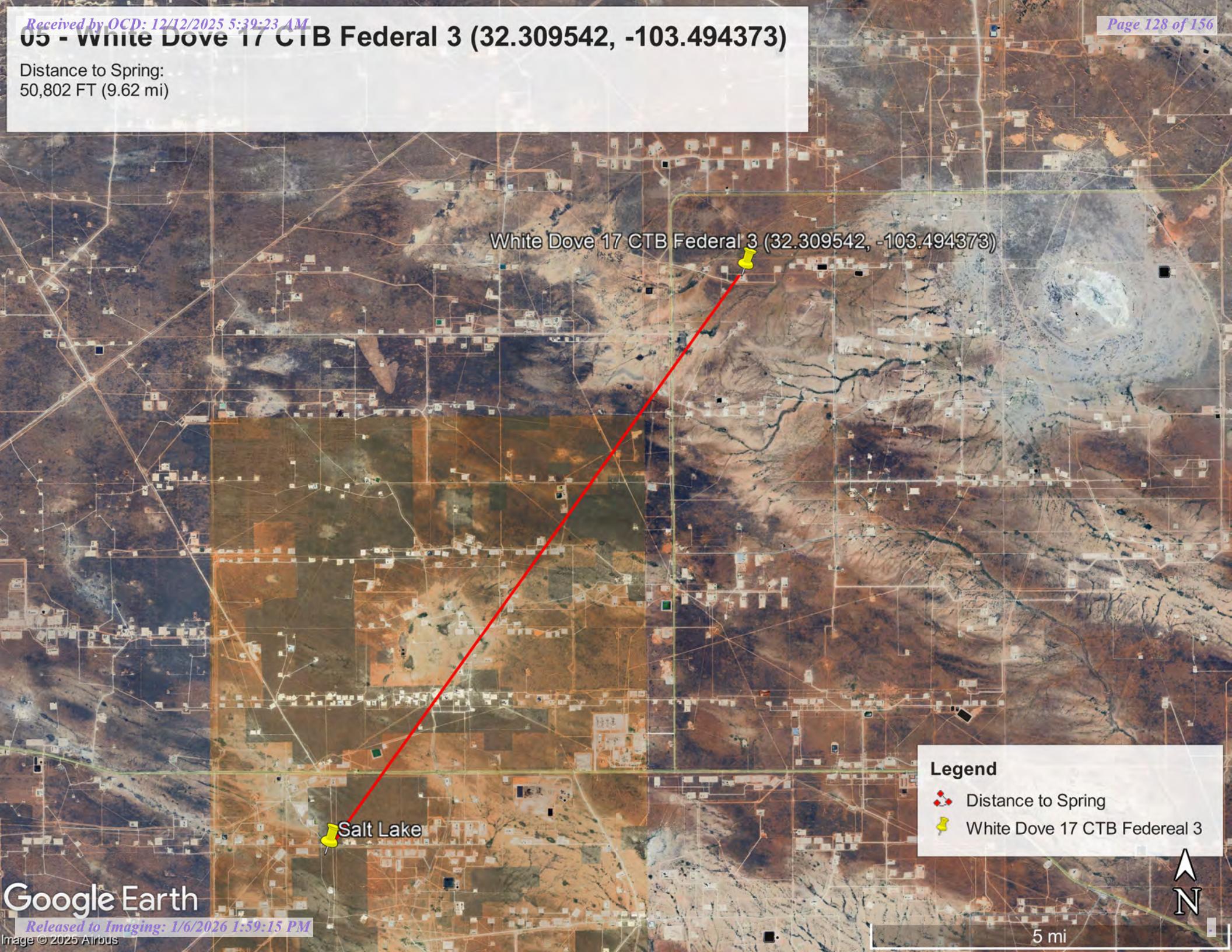
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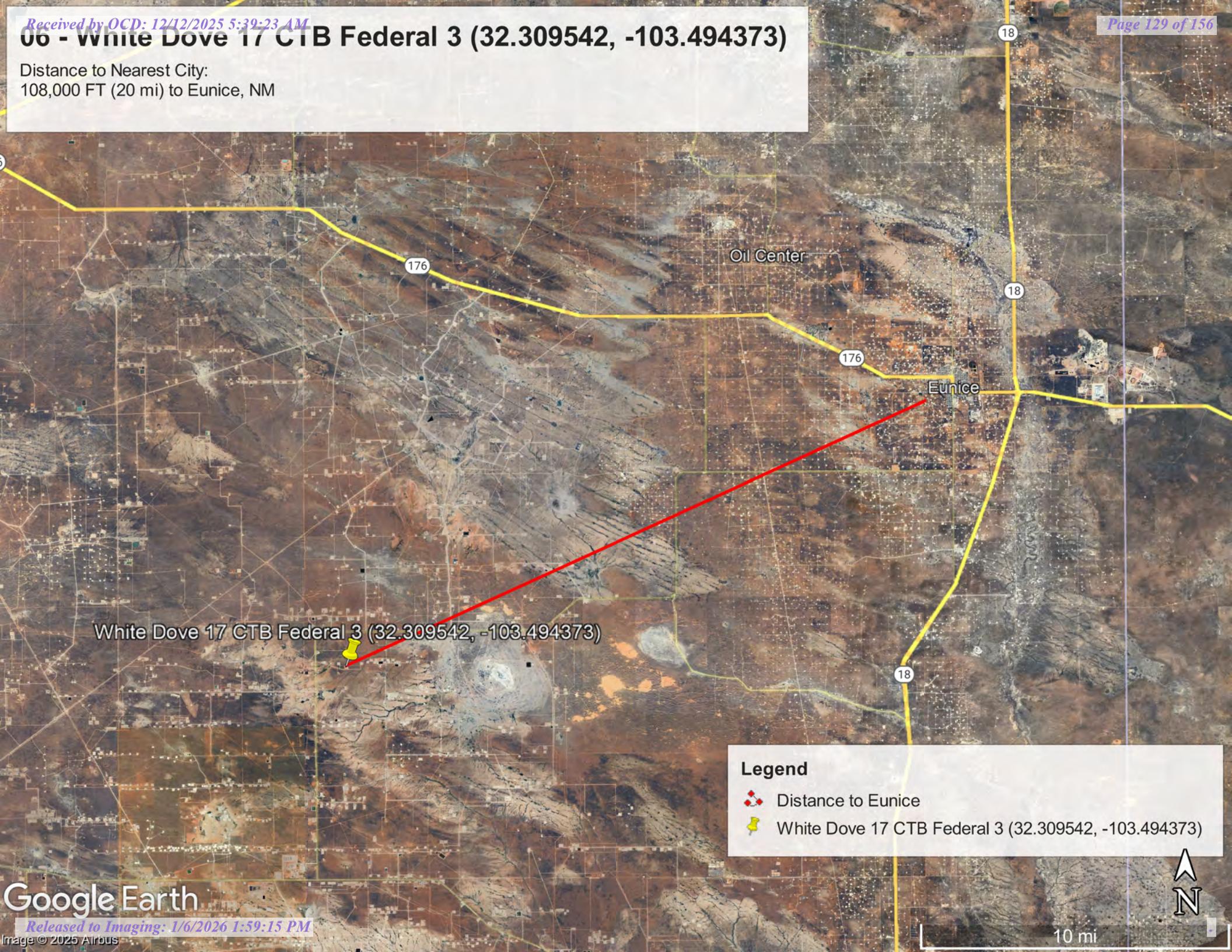
05 - White Dove 17 CTB Federal 3 (32.309542, -103.494373)

Distance to Spring:
50,802 FT (9.62 mi)



06 - White Dove 17 CTB Federal 3 (32.309542, -103.494373)

Distance to Nearest City:
108,000 FT (20 mi) to Eunice, NM





U.S. Fish and Wildlife Service

National Wetlands Inventory

07 - Wetland 2,709 feet

Released to Imaging: 1/6/2026 1:59:15 PM



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.

Potash Mine 113,595 feet



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

1:288,895

Registered Mines

Industrial Minerals (Other)

0 2 4 8 mi
0 3.25 6.5 13 km

Aggregate, Stone etc.

Potash

Aggregate, Stone etc.

PLSS Townships

Aggregate, Stone etc.

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

09 - Karst Potential White Dove 17 CTB Federal 3 97,560.6 FT



10/29/2025, 1:06:16 PM

1:144,448

Karst Occurrence Potential

0 1.5 3 6 mi
0 2.5 5 10 km

High

Medium

Low

OCD Districts

BLM, OCD, New Mexico Tech, Earthstar Geographics,
OCD

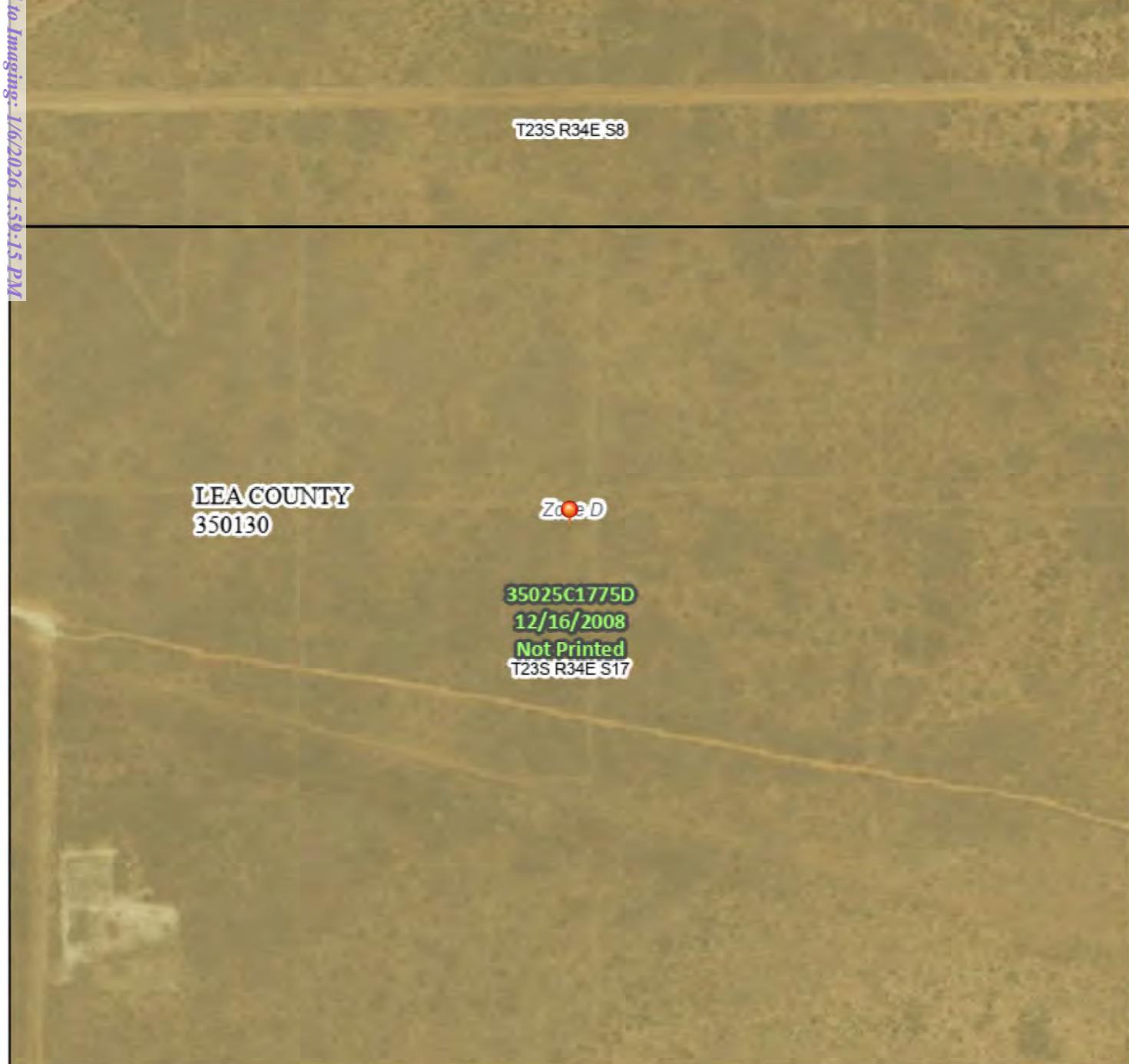
New Mexico Oil Conservation Division
NM OCD Oil and Gas Map, <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>; New Mexico Oil Conservation Division

National Flood Hazard Layer FIRMette



Released to Imaging: 1/6/2026 1:59:15 PM

3°29'58"W 32°18'50"N



Legend

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

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, A
- Regulatory Floodway

- 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 X

OTHER AREAS OF FLOOD HAZARD

- NO SCREEN Area of Minimal Flood Hazard Zone X

- Effective LOMRs

OTHER AREAS

- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES

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

- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation

- 8 - - - Coastal Transect

- ~~~~~ Base Flood Elevation Line (BFE)

- Limit of Study

- Jurisdiction Boundary

- Coastal Transect Baseline

- Profile Baseline

- Hydrographic Feature

- Digital Data Available

- No Digital Data Available

- Unmapped



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

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

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

Received by OCD: 12/12/2025 5:39:23 AM

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United States
Department of
Agriculture



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

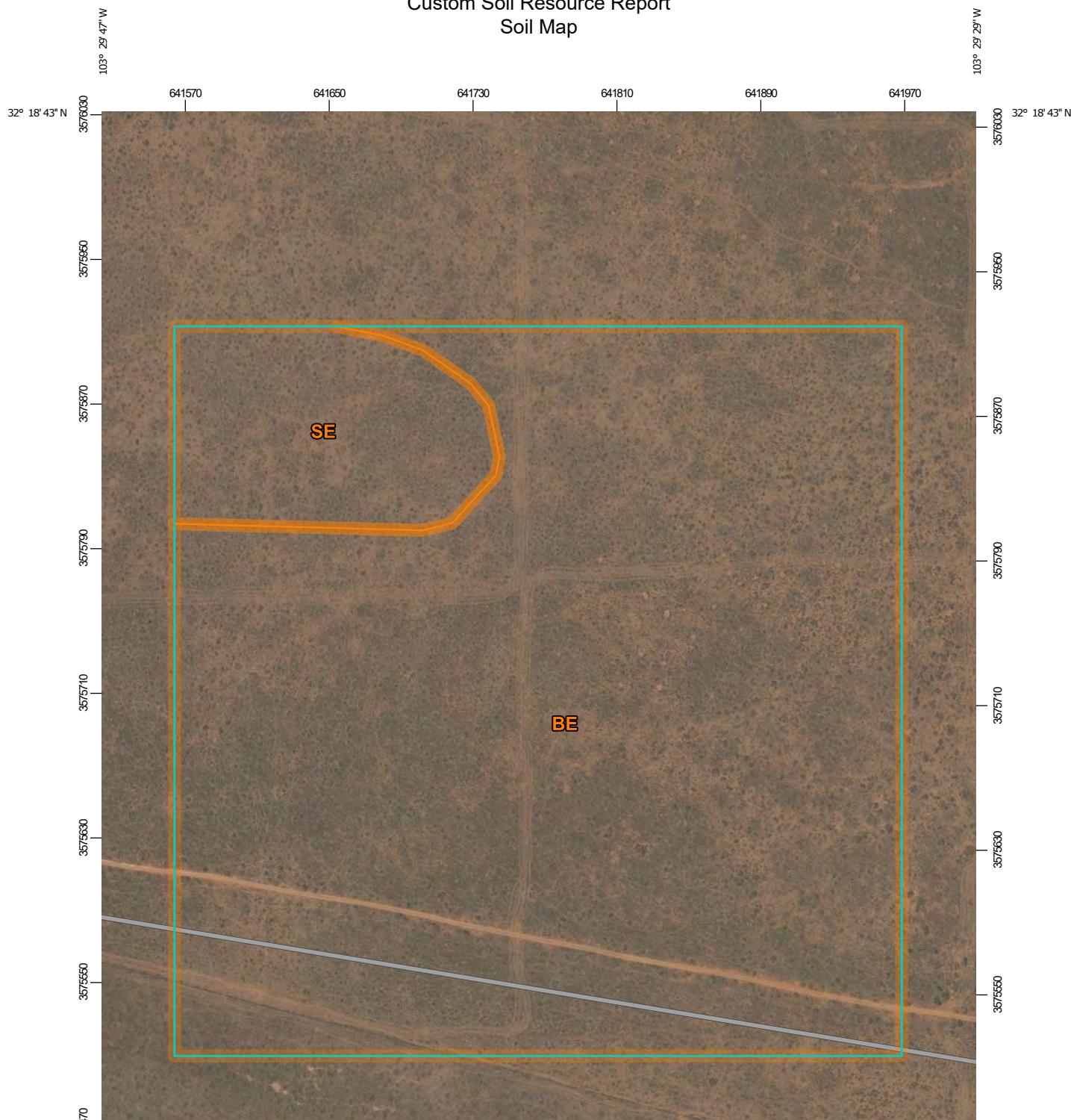
Custom Soil Resource Report for Lea County, New Mexico



August 3, 2025

Custom Soil Resource Report

Soil Map



Soil Map may not be valid at this scale.

32° 18' 22" N 3575900 32° 18' 22" N
641570 641650 641730 641810 641890 641970
103° 29' 47" W N
Map Scale: 1:3,130 if printed on A portrait (8.5" x 11") sheet.
0 45 90 180 270 Meters
0 150 300 600 900 Feet
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84
103° 29' 29" W

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
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.

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	36.0	89.0%
SE	Simona fine sandy loam, 0 to 3 percent slopes	4.5	11.0%
Totals for Area of Interest		40.5	100.0%

Map Unit Descriptions

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

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

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

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

Custom Soil Resource Report

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

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

Map Unit Composition

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

Description of Berino

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

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

Custom Soil Resource Report

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

Custom Soil Resource Report

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

Custom Soil Resource Report

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

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

Ecological dynamics

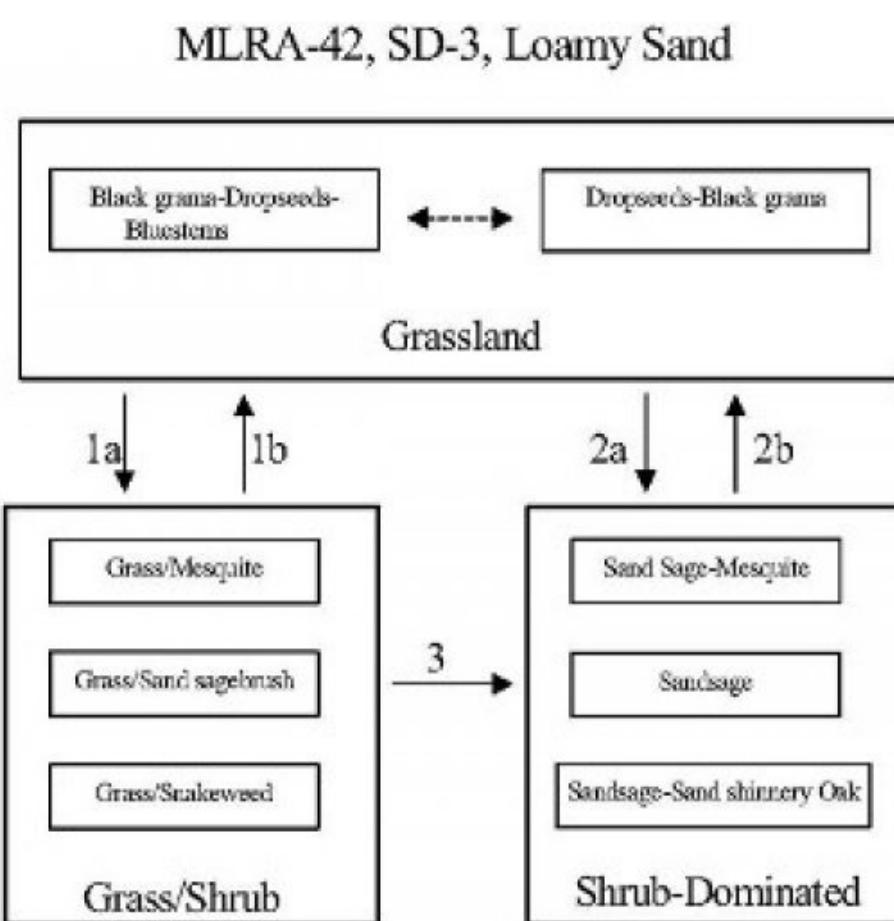
Overview

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

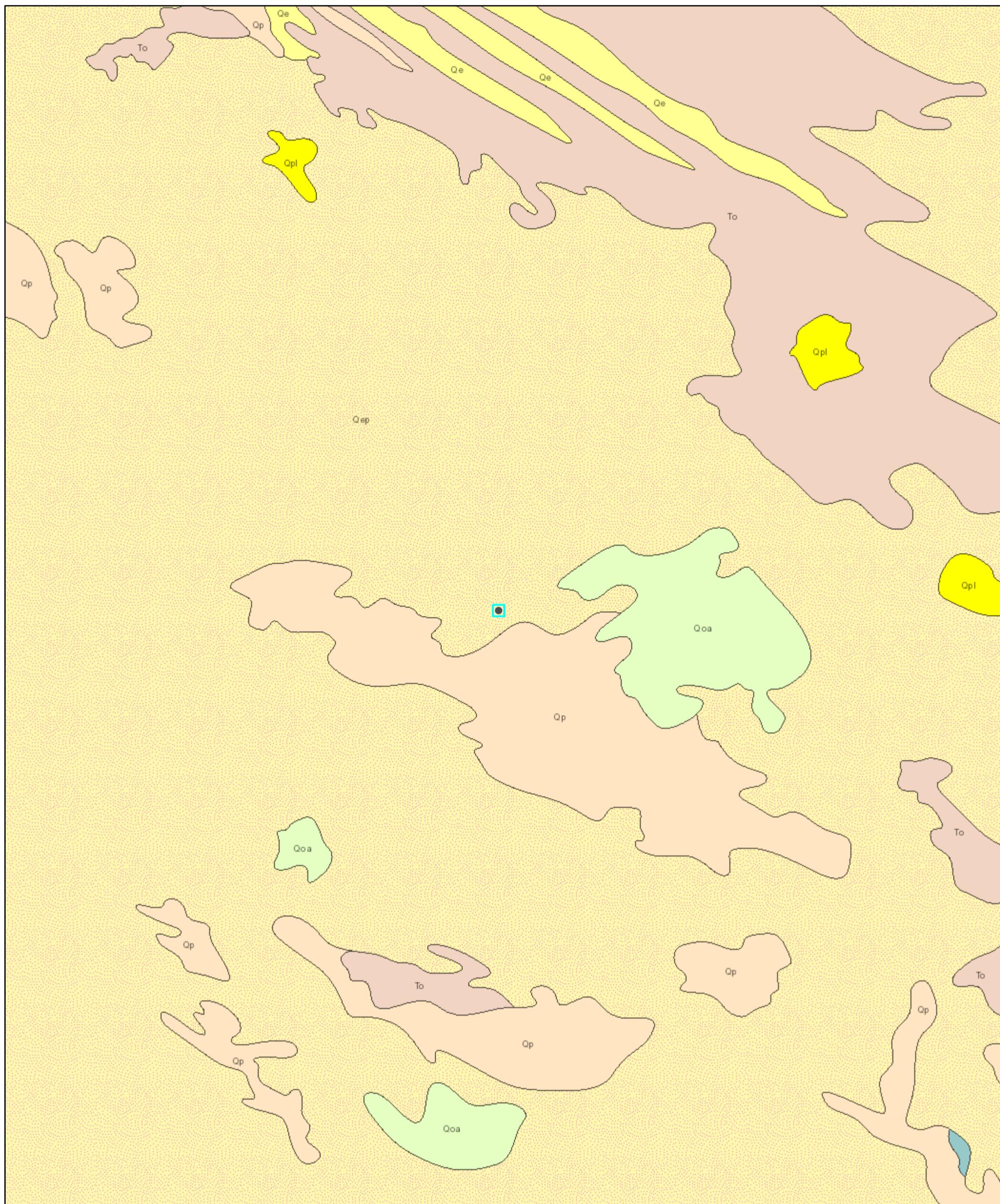
aggressive rhizome system. Shinnery oak's extensive root system promotes competitive exclusion of grasses and forbs. Sand sage, shinnery oak, and mesquite can be controlled with herbicide (Herbel et al. 1979, Pettit 1986). Transition to Shrub-Dominated (2a): Severe loss of grass species with increased 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	<i>Schizachyrium scoparium</i>	61–123	–
2	Warm Season			37–61	
	sand bluestem	ANHA	<i>Andropogon hallii</i>	37–61	–
3	Warm Season			37–61	
	cane bluestem	BOBA3	<i>Bothriochloa barbinodis</i>	37–61	–
	silver bluestem	BOSA	<i>Bothriochloa saccharoides</i>	37–61	–
4	Warm Season			123–184	
	black grama	BOER4	<i>Bouteloua eriopoda</i>	123–184	–
	bush muhly	MUPO2	<i>Muhlenbergia porteri</i>	123–184	–
5	Warm Season			123–184	
	thin paspalum	PASE5	<i>Paspalum setaceum</i>	123–184	–
	plains bristlegrass	SEVU2	<i>Setaria vulpiseta</i>	123–184	–
	fringed signalgrass	URCI	<i>Urochloa ciliatissima</i>	123–184	–
6	Warm Season			123–184	
	spike dropseed	SPCO4	<i>Sporobolus contractus</i>	123–184	–
	sand dropseed	SPCR	<i>Sporobolus cryptandrus</i>	123–184	–
	mesa dropseed	SPFL2	<i>Sporobolus flexuosus</i>	123–184	–
7	Warm Season			61–123	
	hooded windmill grass	CHCU2	<i>Chloris cucullata</i>	61–123	–
	Arizona cottontop	DICA8	<i>Digitaria californica</i>	61–123	–
9	Other Perennial Grasses			37–61	
	Grass, perennial	2GP	<i>Grass, perennial</i>	37–61	–
Shrub/Vine					
8	Warm Season			37–61	
	New Mexico feathergrass	HENE5	<i>Hesperostipa neomexicana</i>	37–61	–
	giant dropseed	SPGI	<i>Sporobolus giganteus</i>	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—Perennial 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

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QUESTIONS

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

Action 534132

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534132
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529639365
Incident Name	NAPP2529639365 WHITE DOVE 17 CTB 3 @ FAPP2209631085
Incident Type	Oil Release
Incident Status	Remediation Plan 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	10/22/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 15 BBL Recovered: 13 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Sight glass broke allowing fluids to impact pad surface.

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QUESTIONS, Page 2

Action 534132

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534132
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<i>Not answered.</i>

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
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QUESTIONS, Page 3

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Action 534132

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534132
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>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.</i>	
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 1000 (ft.) and ½ (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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	12/08/2025
On what date will (or did) the final sampling or liner inspection occur	12/12/2025
On what date will (or was) the remediation complete(d)	12/12/2025
What is the estimated surface area (in square feet) that will be reclaimed	1804
What is the estimated volume (in cubic yards) that will be reclaimed	268
What is the estimated surface area (in square feet) that will be remediated	1804
What is the estimated volume (in cubic yards) that will be remediated	46
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 534132

State of New Mexico
Energy, Minerals and Natural Resources
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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534132
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: 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, Page 5

Action 534132

QUESTIONS (continued)

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
--	----

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QUESTIONS, Page 6

Action 534132

QUESTIONS (continued)

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 534132

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534132
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. The work will need to occur in 90 days after the work plan has been reviewed.	1/6/2026