Incident Number: nAPP2530748842

Remediation Assessment and Closure

Aleutian 10 CTB 2

Section 10, Township 23 South, Range 31 East

Facility: fAPP2300331384

Eddy County

Vertex File Number: 25A-05838

Prepared for:

Devon Energy Production Company, LP

Prepared by:

Vertex Resource Services Inc.

Date:

February 2026

Release Assessment and Closure
Aleutian 10 CTB 2
Section 10, Township 23 South, Range 31 East
Facility: fAPP2300331384
Eddy County

Prepared for:
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Date

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1.0 Introduction

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for a produced water release that occurred on November 1, 2025, at Aleutian 10 CTB 2 facility fAPP2300331384 (hereafter referred to as the "site"). Devon submitted a Notification of Release to New Mexico Oil Conservation Division (NMOCD) District 1 and the Bureau of Land Management (BLM) on November 3, 2025. Incident ID number nAPP2530748842 was assigned to this incident.

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

2.0 Incident Description

The release occurred on November 1, 2025, when a dump line developed a pinhole leak due to corrosion. The C-141 for the incident was initiated on November 4, 2025. The incident involved the release of approximately 7 barrels of produced water onto the site pad. Free fluid was not recovered during initial clean-up. Additional details relevant to the release are presented in the C-141 Report.

3.0 Site Characteristics

The site is located approximately 19.5 miles east of Loving, New Mexico. The legal location for the site is Section 10, Township 23 South and Range 31 East in Eddy County, New Mexico. The release area is located on BLM property. An aerial photograph and site schematic are presented on Figure 1.

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

The *Geological Map of New Mexico* (New Mexico Bureau of Geology and Mineral Resources, 2026) indicates the site's surface geology primarily comprises Qep - Eolian and piedmont deposits (New Mexico Bureau of Geology and Mineral Resources, 2026). The karst geology potential for the site is low (United States Department of the Interior, Bureau of Land Management, 2018). The surrounding landscape is associated with plains with elevations ranging between 2,000 and 5,700 feet. The climate is semiarid with average annual precipitation ranging between 5 and 15 inches. Predominant soil textures around the site are well-drained fine sands and sandy clay loams with low runoff potential (United States Department of Agriculture, Natural Resources Conservation Service, 2026). Using information from the United States Department of Agriculture, the dominant vegetation was determined to be grasses interspersed with shrubs (United States Department of Agriculture, Natural Resources Conservation Service, 2026). Limited to no vegetation is allowed to grow on the compacted facility pad.

4.0 Closure Criteria Determination

The nearest depth to groundwater reference to the site is a monitoring well for the United States Department of Energy advanced 0.35 miles to the southeast on August 6, 2014. The completed well depth and static water level were 865 and 639 feet below ground surface (bgs), respectively (New Mexico Office of the State Engineer, 2026). Information pertaining to the depth to ground water determination is included in Appendix A.

The nearest active well to the site is used for livestock water and is located approximately 1.51 miles northwest of the site (New Mexico Office of the State Engineer, 2026). There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located approximately 0.87 miles north of the site (United States Fish and Wildlife Service, 2026). At the site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Table 1. Closure Criteria Determination			
Site Name: Aleutian 10 CTB 2			
Spill Coordinates: 32.3150521,-103.7620247		**X: 616536**	**Y: 3576031**
Site Specific Conditions		**Value**	**Unit**
1	Depth to Groundwater (nearest reference)	**639**	feet
	Distance between release and nearest DTGW reference	**1,878**	feet
		0.35	miles
	Date of nearest DTGW reference measurement	**August 6, 2014**	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	4,640	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	6,930	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	15,366	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**	8,017	feet
	ii) Within 1000 feet of any fresh water well or spring	1,878	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	7,440	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	40,000	feet
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
	Distance between release and nearest unstable area	15,130	feet
10	Within a 100-year Floodplain	>500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	47,072	feet
11	Soil Type	Kermit-Berino fine sands	
12	Ecological Classification	Deep Sand	
13	Geology	Eolian and piedmont deposits	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	>100'	<50' 51-100' >100'

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

Table 2. Closure Criteria for Soils Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
> 100 feet	Chloride	20,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS – total dissolved solids
TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics
BTEX – benzene, toluene, ethylbenzene and xylenes

5.0 Remedial Actions Taken

Characterization of the release area adjacent to the production equipment was completed by Vertex on November 10, 2025, including vertical and horizontal delineation. The total impacted area was initially determined to be 747 square feet. Characterization sample locations and approximate release area are presented on Figure 1. Characterization field screening and laboratory results are summarized in Table 3. A remediation plan, which outlined the following activities was accepted on December 24, 2025.

Remediation efforts began and were completed on January 14, 2026. Vertex personnel supervised the excavation of impacted soils to closure criteria. Field screening consisted of analysis using a Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and an electroconductivity meter (chloride). Field screening results were used to identify areas requiring further remediation. Soils were removed to a depth of 0.25 feet bgs under the equipment. Soils in between separators and open spaces were removed to a depth of 0.5 feet. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Daily Field Reports documenting various phases of the remediation are presented in Appendix B.

Notifications that confirmation samples were being collected were provided to the NMOCD for January 14, 2026, with a 48hr notice. Confirmation composite samples were collected from the base and walls of the excavation in increments of no greater than 200 square feet. The areas of the excavation bases and walls were approximately 841 and 116 square feet, respectively. A total of five base samples and two wall samples were collected for laboratory analysis following NMOCD soil sampling procedures. Depths of the excavation ranged from 0.25 to 0.5 ft bgs. Samples were submitted to Eurofins Environment Testing in Albuquerque, New Mexico, under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Excavation extent and confirmation sample locations are shown on Figure 2, laboratory results are presented in Table 4, and the laboratory data reports are included in Appendix C.

Upon completion of remedial actions, approximately 841 square feet and 14 cubic yards of the pad surface was remediated to closure criteria. The excavation was backfilled with locally sourced, non-waste containing material. Laboratory results for all confirmation samples collected from the remediation area were below closure criteria. The excavation extended as close as safely possible to the production equipment and infrastructure included within the release area. At time of facility decommissioning and deconstruction, the remediation depth is estimated to be 4 feet bgs to meet NMOCD reclamation requirements.

6.0 Closure Request

Vertex recommends no additional remediation action to address the release at Aleutian 10 CTB 2. Laboratory analyses of the final confirmatory samples showed constituent of concern concentration levels below NMOCD remediation closure criteria for areas where depth to groundwater is greater than 100 feet bgs as shown in Table 2. There are no anticipated risks to human, ecological or hydrological receptors associated with the release site. The excavation was backfilled with non-waste-containing, uncontaminated, earthen material, sourced locally, and placed to meet the site's existing grade to prevent ponding of water and erosion.

Devon Energy Production Company, LP, requests that incident nAPP2530748842 be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. Devon certifies that all information in this report and the attachments is correct, and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD requirements to obtain closure on November 1, 2025, release at Aleutian 10 CTB 2.

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.

7.0 References

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New Mexico Bureau of Geology and Mineral Resources. (2026). *Interactive Geologic Map*. Retrieved from https://maps.nmt.edu/

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United States Fish and Wildlife Service. (2026). *National Wetland Inventory - Surface Waters and Wetlands*. Retrieved from https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/

8.0 Limitations

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

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

FIGURES

VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.315055°N, 103.762029°W

Date: Nov 24/25

N

Characterization Sampling Site Schematic
Aleutian 10 CTB 2

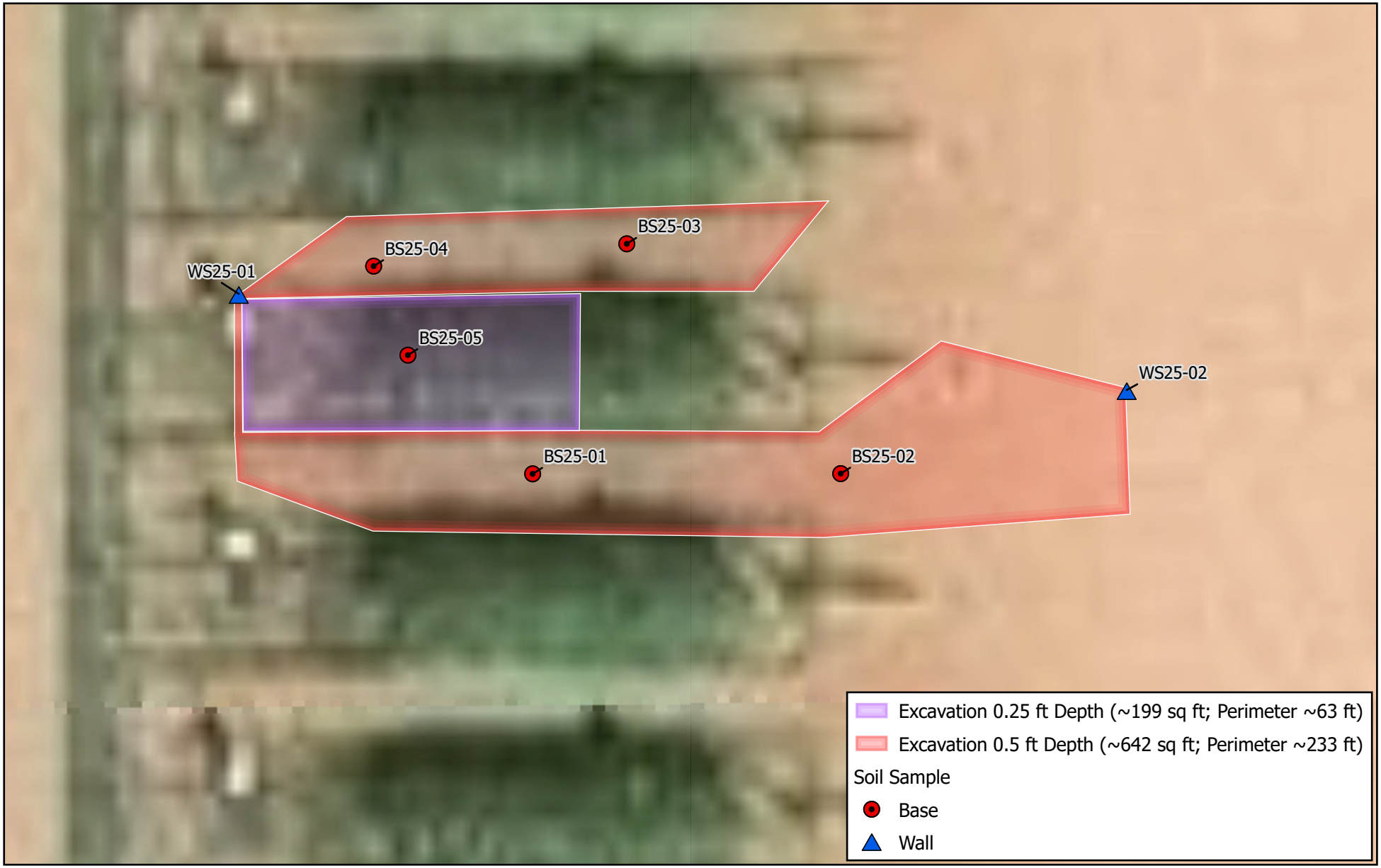
FIGURE:
1

devon

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

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

VERSATILITY. EXPERTISE.



VERTEX

0 5 10 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.315035°N, 103.761979°W

Date: Jan 13/26

N

Excavation Schematic
Aleutian 10 CTB 2

FIGURE:
2

devon

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

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

VERSATILITY. EXPERTISE.

TABLES

Client Name: Devon Energy Production Company, LP
Site Name: Aleutian 10 CTB 2
NMOCD Tracking #: nAPP2530748842
Project #: 25A-05838
Lab Report: 885-37631-1

Table 3. Initial Characterization Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater > 100 feet bgs										
BH25-01	0	November 10, 2025	—	28	12,563	ND	ND	ND	ND	ND	ND	ND	12,000
	4	November 10, 2025	—	8	373	ND	ND	ND	ND	ND	ND	ND	140
BH25-02	0	November 10, 2025	—	7	253	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 10, 2025	—	6	188	ND	ND	ND	ND	ND	ND	ND	ND
BH25-03	0	November 10, 2025	—	14	260	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 10, 2025	—	6	105	ND	ND	ND	ND	ND	ND	ND	ND
BH25-04	0	November 10, 2025	—	3	155	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 10, 2025	—	0	145	ND	ND	ND	ND	ND	ND	ND	ND
BH25-05	0	November 10, 2025	—	—	11,445	—	—	—	—	—	—	—	—
	2	November 10, 2025	—	—	215	—	—	—	—	—	—	—	—
BH25-06	0	November 10, 2025	—	12	320	ND	ND	ND	ND	ND	ND	ND	ND
	2	November 10, 2025	—	6	202	ND	ND	ND	ND	ND	ND	ND	ND

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

Client Name: Devon Energy Production Company, LP
Site Name: Aleutian 10 CTB 2
NMOCD Tracking #: nAPP2530748842
Project #: 25A-05838
Lab Report(sX): 885-41486-1, 885-42242-1

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

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BS26-01	0.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	12,000
BS26-02	0.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	820
BS26-03	0.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	6,400
BS26-04	0.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	11,000
BS26-05	0.25	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	5,100
WS26-01	0-0.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	9,400
WS26-02	0-0.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	7,700
Backfill	-	January 28, 2026	ND	ND	ND	ND	ND	ND	ND	180

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Closure Criteria
Bold and blue shaded indicates re-collected sample results inside NMOCD Reclamation Closure Criteria
Strikethrough indicates the excavation depth was increased and the soil represented by the sample was removed

APPENDIX A - Closure Criteria Research Documentation

OSE POD 0.5 miles

11/23/2025, 6:33:10 PM

1:10,850

0 0.07 0.15 0.3 mi

0 0.13 0.25 0.5 km

GIS WATERS PODs
- Pending
- Active
- Inactive
- Changed Location of Well
- Capped
- Plugged

- Unknown
- Pending
- Active
- Inactive
- Changed Location of Well
- Capped
- Plugged

- Unknown

World Imagery
Low Resolution 15m Imagery
High Resolution 60cm Imagery
High Resolution 30cm Imagery
Citations
2.4m Resolution Metadata

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

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters) (In feet) (In feet) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 02777		CUB	ED	SE	SE	SE	10	23S	31E	616973.8	3575662.1		572	890		
C 03749 POD1		CUB	ED		NE	NE	15	23S	31E	616973.8	3575662.1		572	865	639	226
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7		886	105		
C 04709 POD1		CUB	ED	SW	NW	NW	15	23S	31E	615508.8	3575262.4		1282			
C 02773		CUB	ED	SE	NW	SW	03	23S	31E	615668.0	3577762.0 *		1936	880		
C 04712 POD4		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2		1984	55		

Average Depth to Water: **639 fe**

Minimum Depth: **639 feet**

Maximum Depth: **639 feet**

Record Count: 6

UTM Filters (in meters):
Easting: 616536
Northing: 3576031
Radius: 002000

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

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 03749 POD1		NE	NE	15	23S	31E	616973.8	3575662.1	

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

Driller License:	331	**Driller Company:**	SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.		
Driller Name:	RANDY STEWART				
Drill Start Date:	2014-07-10	**Drill Finish Date:**	2014-08-06	**Plug Date:**	
Log File Date:	2014-09-11	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	5
Casing Size:	4.50	**Depth Well:**	865	**Depth Water:**	639

Water Bearing Stratifications:

Top	Bottom	Description
820	846	Limestone/Dolomite/Chalk

Casing Perforations:

Top	Bottom
820	846

Water Right Summary

get image list

WR File Number:	C 03749	**Subbasin:**	CUB	**Cross Reference:**	
Primary Purpose:	MON MONITORING WELL				
Primary Status:	PMT Permit				
Total Acres:		**Subfile:**		**Header:**	
Total Diversion:	0.000	**Cause/Case:**			
Owner:	US DEPARTMENT OF ENERGY	**Owner Class:**	Owner		
Contact:	GEORGE BASABILVAZO				

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	548076	EXPL	2014-06-24	PMT	LOG	C 03749 POD1	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 03749 POD1		Shallow		NE	NE	15	23S	31E	616973.8	3575662.1		H-12

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

11/23/25 6:18 PM MST **Water Rights Summary**

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER)	OSE FILE NUMBER(S)
C-3749 POD 1 (H12R)	C-3749 POD 1
WELL OWNER NAME(S): US Dept of Energy	PHONE (OPTIONAL): 575-234-7488
WELL OWNER MAILING ADDRESS: POB 3090	CITY: Carlsbad STATE: NM ZIP: 88221-3090

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	18	42.0588	N
LONGITUDE	-103	45	26.7078	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

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

From Jal Hwy take Redd Rd 3 miles north, head west 1 mile on dirt road to H12 Well site

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
NM 331	Randy Stewart	Stewart Brothers

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
7/10/14	8/6/14	865	865	

COMPLETED WELL IS: ○ ARTESIAN ○ DRY HOLE ◉ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): 639

DRILLING FLUID: ○ AIR ○ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ◉ ROTARY ○ HAMMER ○ CABLE TOOL ○ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	40	17 1/2	13 3/8	Weld	12 1/4	.375	
40	820	12 1/4	5" Fiberglass Blank	Threaded	4.5		
820	846	12 1/4	5" Fiberglass Slotted	Threaded	4.5		.070
846	858	12 1/4	5" Fiberglass Blank	Threaded	4.5		

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
857	865	12 1/4	8/12 Sand	2	Tremie
851	857	12 1/4	Gelacryl Superflex Seal	1	Tremie
816	851	12 1/4	8/16 Sand Pack	6	Tremie
811	816	12 1/4	Fine Sand	1	Tremie
806	811	12 1/4	Gelacryl Super Flex	1	Tremie

SEA ENGINEER OFFICE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-3749	POD NUMBER	1	TRN NUMBER	548076
LOCATION	4-4-3	23S.32E.07			PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
1	12	11	Dune sand and pad material	○ Y ◉ N	
12	16	4	Mescalero Caliche	○ Y ◉ N	
16	20	4	Gatuna (Sandstone)	○ Y ◉ N	
20	70	50	Santa Rosa (Sandstone)	○ Y ◉ N	
70	620	550	Dewy Lake Sandstone	○ Y ◉ N	
620	648	28	Anhydrite	○ Y ◉ N	
648	663	15	Mudstone	○ Y ◉ N	
663	678	15	Anhydrite	○ Y ◉ N	
678	702	4	Magenta Dolomite	○ Y ○ N	
702	756	54	Anhydrite	○ Y ○ N	
756	772	16	Halite	○ Y ○ N	
772	820	48	Anhydrite	○ Y ○ N	
820	846	26	Culebra Dolomite	◉ Y ○ N	
846	856	10	Mudstone	○ Y ◉ N	
856	865	9	Anhydrite	○ Y ◉ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ○ PUMP ◉ AIR LIFT ○ BAILER ○ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 5

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

Monitor Well

2014 SEP 11 STATE ENGINEER OFFICE ROSWELL, NEW MEXICO

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Don Ward

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Randy Stewart — Randy Stewart — 8/30/14

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-3749	POD NUMBER	1	TRN NUMBER	548076
LOCATION	4-4-3	23S.32E.07			PAGE 2 OF 2

U.S. Fish and Wildlife Service
National Wetlands Inventory

Intermittent 4,640 Feet

November 24, 2025

Wetlands

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

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

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Pond 6,930 feet

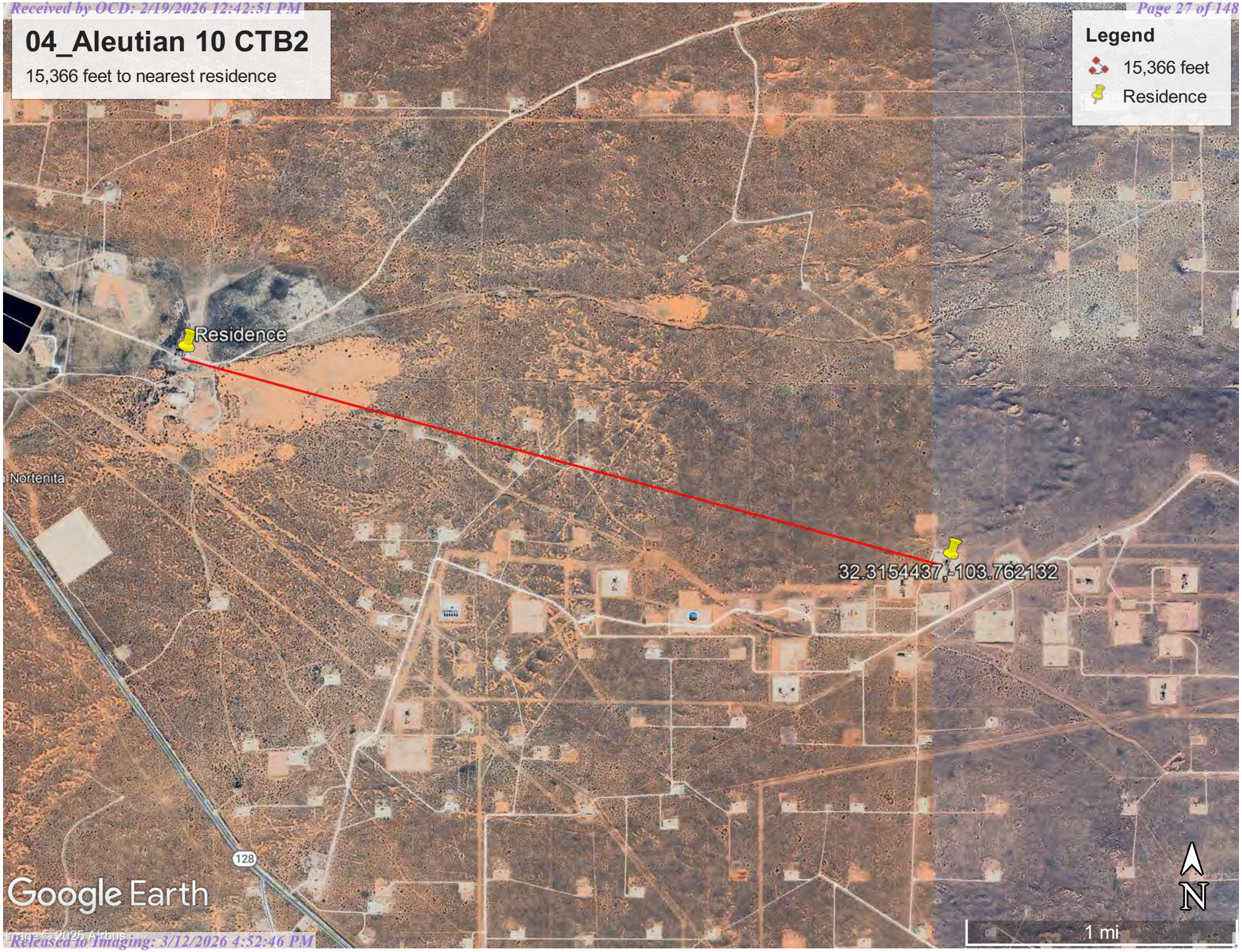
November 24, 2025

Wetlands

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

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

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


04_Aleutian 10 CTB2
15,366 feet to nearest residence
Legend
15,366 feet
Residence
Residence
Nortenita
32.3154437,-103.762132
128
Google Earth
Image © 2025 Airbus
1 mi
N

OSE POD

11/23/2025, 6:36:30 PM

1:18,083

0 0.13 0.25 0.5 mi
0 0.2 0.4 0.8 km

GIS WATERS PODs
- Pending
- Active
- Inactive
- Changed Location of Well
- Capped
- Plugged

- Unknown
- Pending
- Active
- Inactive
- Changed Location of Well
- Capped
- Plugged

- Unknown

World Imagery
Low Resolution 15m Imagery
High Resolution 60cm Imagery
High Resolution 30cm Imagery
Citations
4.8m Resolution Metadata

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

Active & Inactive Points of Diversion

(with Ownership Information)

		(acre ft per annum)					(R=POD has been replaced and no longer serves this file, C=the file is closed)				(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)			(meters)
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q64	q16	q4	Sec	Tws	Range	X	Y	Map	Distance
C 02777	CUB	MON	0.000	US DEPT OF ENERGY WIPP	ED	C 02777					SE	SE	SE	10	23S	31E	616973.8	3575662.1		572.5
C 03749	CUB	MON	0.000	US DEPARTMENT OF ENERGY	ED	C 03749 POD1				Shallow		NE	NE	15	23S	31E	616973.8	3575662.1		572.5
C 04724	CUB	MON	0.000	DEVON ENERGY	ED	C 04724 POD1	NA				SE	SW	SW	10	23S	31E	615709.7	3575738.3		876.6
C 04855	CUB	MON	0.000	DEVON ENERGY PRODUCTION	ED	C 04855 POD1	NA				NE	SW	SW	11	23S	31E	617417.6	3575936.7		886.6
C 04709	CUB	MON	0.000	DEVON ENERGY	ED	C 04709 POD1	NA				SW	NW	NW	15	23S	31E	615508.8	3575262.4		1,282.9
C 02773	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02773					SE	NW	SW	03	23S	31E	615668.0	3577762.0 *		1,936.4
C 04712	CUB	MON	0.000	HARVARD PETROLEUM COMPANY LLC	ED	C 04712 POD4	NA				NW	SE	SW	14	23S	31E	617535.4	3574316.2		1,984.8
C 03140	CUB	MON	0.000	US DEPT OF ENERGY	ED	C 03140				Shallow	SE	NE	SE	04	23S	31E	615266.0	3577758.0 *		2,143.7
C 04712	CUB	MON	0.000	HARVARD PETROLEUM COMPANY LLC	ED	C 04712 POD5	NA				SE	SE	SW	09	23S	31E	614392.9	3575754.4		2,160.9
C 03351	C	STK	3.000	BUREAU OF LAND MANAGEMENT	ED	C 03351				Shallow	SE	NW	SE	04	23S	31E	614916.6	3577861.1		2,443.7
C 04776	CUB	MON	0.000	DEVON ENERGY RESOURCES	ED	C 04776 POD1	NA				SW	SW	SW	09	23S	31E	613953.1	3575651.8		2,610.6
C 04774	CUB	MON	0.000	DEVON ENGERGY RESOURCES	ED	C 04774 POD1	NA				SE	NE	NE	23	23S	31E	618456.0	3573856.4		2,900.9
C 02774	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02774					SW	NW	SW	04	23S	31E	613857.0	3577745.0 *		3,180.4
C 04704	CUB	MON	0.000	DEVON ENERGY	ED	C 04704 POD1	NA				SW	NE	NE	13	23S	31E	619854.4	3575363.5		3,384.9
C 04712	CUB	MON	0.000	HARVARD PETROLEUM COMPANY LLC	ED	C 04712 POD6	NA				SW	SW	SE	08	23S	31E	613146.6	3575740.1		3,401.9
C 02769	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02769 POD2				Artesian	SE	NE	SE	33	22S	31E	615260.6	3579312.3		3,520.5
C 02687	CUB	MON	0.000	SANDIA NATIONAL LABORATORIES	ED	C 02687					SE	NE	SE	33	22S	31E	615246.0	3579364.0 *		3,573.9
C 04897	CUB	MON	0.000	OXY USA INC.	ED	C 04897 POD1	NA				NW	NE	SW	21	23S	31E	614374.0	3573036.6		3,693.3
C 02767	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02767					SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		3,734.3
C 02768	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02768					SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		3,734.3
C 02769	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02769					NE	NE	SE	33	22S	31E	615246.0	3579564.0 *		3,761.1
C 04712	CUB	MON	0.000	HARVARD PETROLEUM COMPANY LLC	ED	C 04712 POD3	NA				SE	NW	NE	24	23S	31E	619650.7	3573877.9		3,786.4
C 04772	CUB	MON	0.000	DEVON ENERGY RESOURCES	ED	C 04772 POD1	NA				NW	NW	NW	04	23S	31E	613895.0	3578780.5		3,812.4
C 02664	CUB	MON	0.000	SANDIA NATIONAL LABORATORIES	ED	C 02664				Shallow	SW	SW	NE	05	23S	31E	613049.0	3578138.0 *		4,074.1
C 04726	CUB	MON	0.000	DEVON ENERGY	ED	C 04726 POD1	NA				NW	NW	SE	01	23S	31E	619538.3	3578821.3		4,098.7
C 03389	C	STK	3.000	JIMMY MILLS 2005 GST TRUST	ED	C 03389					NW	NW	SW	17	23S	31E	612316.0	3574683.0		4,430.1
C 03394	C	PUB	0.000	JAMES HAMILTON CONSTRUCTION CO	ED	C 03389					NW	NW	SW	17	23S	31E	612316.0	3574683.0		4,430.1
C 02258	C	PRO	0.000	DEVON ENERGY CORP. (NEVADA)	ED	C 02258						SW	NE	26	23S	31E	618055.0	3571853.0 *		4,445.6
C 04200	CUB	EXP	0.000	JIMMY MILLS GST TRUST	ED	C 04200 POD3	NA					NE	NE	07	23S	31E	612130.3	3577147.3		4,544.9
C 03138	CUB	MON	0.000	U.S. DEPT. OF ENERGY	ED	C 03138					SW	SW	SW	26	22S	31E	617043.0	3580591.0 *		4,588.1
C 04200	CUB	EXP	0.000	JIMMY MILLS GST TRUST	ED	C 04200 POD5	NA					SE	SE	06	23S	31E	612138.8	3577393.1		4,603.3

			(acre ft per annum)					(R=POD has been replaced and no longer serves this file, C=the file is closed)			(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)			(meters)
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q64	q16	q4	Sec	Tws	Range	X	Y	Map	Distance
C 02954	CUB	EXP	0.000	U.S. DEPARTMENT OF ENERGYCARLSBAD FIELD OFFICE, WIPP	ED	C 02954 EXPL				Shallow	SW	NW	SE	20	23S	31E	613114.0	3572906.0 *		4,634.2
C 02492	CUB	COM	105.000	THE JIMMY MILLS GST TRUST	ED	C 02492				Shallow	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		4,661.8
C 02865	CUB	EXP	0.000	STACY MILLS	ED	C 02865					SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		4,661.8
C 02757	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02757					SE	SE	SE	28	22S	31E	615232.0	3580571.0 *		4,723.6
C 04200	CUB	EXP	0.000	JIMMY MILLS GST TRUST	ED	C 04200 POD2	NA					NE	NE	07	23S	31E	611893.1	3577123.1		4,769.6
					ED	C 04200 POD4	NA					SE	SE	06	23S	31E	611996.2	3577521.8		4,778.3
					ED	C 04200 POD1	NA					NE	NE	07	23S	31E	611802.8	3577058.6		4,843.5
C 03668	C	STK	3.000	J T MILLS 2005 GST TRUST	ED	C 02492 POD2				Shallow	SW	NE	NE	07	23S	31E	611767.4	3576996.6		4,865.4
C 04943	CUB	EXP	0.000	PILOT WATER SOLUTIONS	ED	C 04943 POD1	NA				NE	NE	NE	35	22S	31E	618500.0	3580485.1		4,867.9
C 02756	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02756					SW	SE	SE	26	22S	31E	618250.0	3580606.0 *		4,885.5
C 03152	CUB	MON	0.000	U.S. DEPT OF ENERGY	ED	C 03152				Shallow	SW	SE	SE	26	22S	31E	618250.0	3580606.0 *		4,885.5
C 02776	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02776					NE	NW	NW	05	23S	31E	612440.0	3578731.0 *		4,905.8

Record Count: 43

Filters Applied:

UTM Filters (in meters):
Easting: 616536
Northing: 3576031
Radius: 005000

Sorted By: Distance

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

11/23/25 6:08 PM MST **Active & Inactive Points of Diversion**

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
	C 02777	SE	SE	SE	10	23S	31E	616973.8	3575662.1	

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

Driller License:	331	**Driller Company:**	SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.		
Driller Name:					
Drill Start Date:		**Drill Finish Date:**		**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	5.50	**Depth Well:**	890	**Depth Water:**	

11/23/25 6:10 PM MST **Point of Diversion Summary**

Water Right Summary

get image list

WR File Number:	C 02777	**Subbasin:**	CUB	**Cross Reference:**
Primary Purpose:	MON MONITORING WELL			
Primary Status:	PMT Permit			
Total Acres:	0.000	**Subfile:**		**Header:**
Total Diversion:	0.000	**Cause/Case:**		
Owner:	US DEPT OF ENERGY WIPP	**Owner Class:**	Owner	
Contact:	GEORGE BASABILVAZO			

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	478628	REPAR	2011-05-27	PMT	APR	C 02777	T	0.000	0.000	
get images	195802	DCL	2000-11-06	DCL	PRC	C 02777	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 02777			SE	SE	SE	10	23S	31E	616973.8	3575662.1		

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

Place of Use

Q256	Q64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
	SE	SE	SE	10	23S	31E	0.000	0.000		MON		DCL	

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0.000	0.000		MON		GW	

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
	C 03351	SE	NW	SE	04	23S	31E	614916.6	3577861.1	

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

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY" (LD)				
Drill Start Date:	2007-11-20	**Drill Finish Date:**	2007-11-20	**Plug Date:**	
Log File Date:	2007-12-04	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	25
Casing Size:	6.63	**Depth Well:**	320	**Depth Water:**	168

Water Bearing Stratifications:

Top	Bottom	Description
240	265	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
152	304

Water Right Summary

get image list

WR File Number:	C 03351	**Subbasin:**	C	**Cross Reference:**	
Primary Purpose:	STK 72-12-1 LIVESTOCK WATERING				
Primary Status:	PMT Permit				
Total Acres:		**Subfile:**		**Header:**	
Total Diversion:	3.000	**Cause/Case:**			
Owner:	BUREAU OF LAND MANAGEMENT	**Owner Class:**	Owner		
Contact:	STEVE DALY				

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	469289	72121	2007-11-15	PMT	LOG	C 03351	T		3.000	

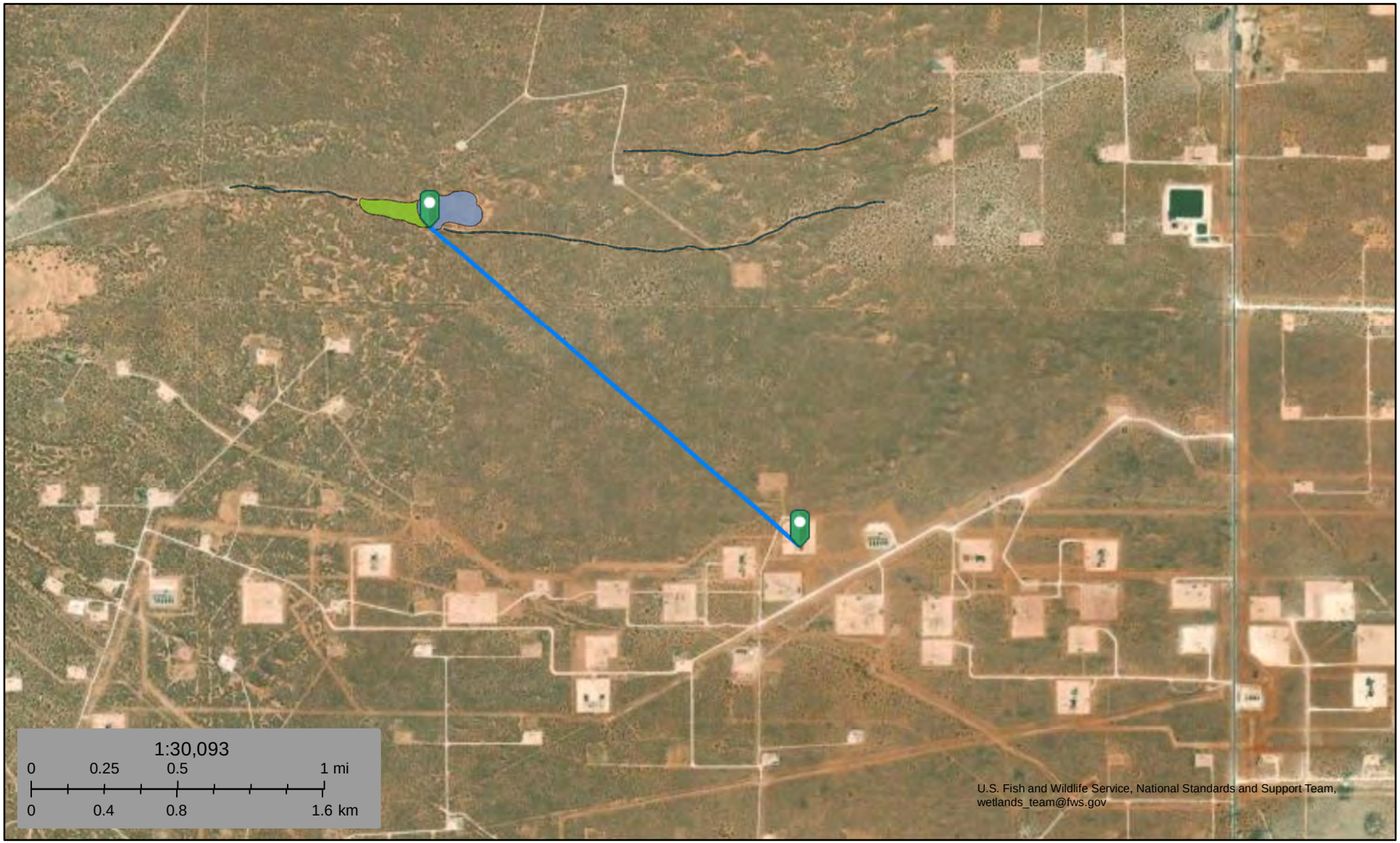
Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 03351		Shallow	SE	NW	SE	04	23S	31E	614916.6	3577861.1		

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetland 7,440 feet



November 24, 2025

Wetlands

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

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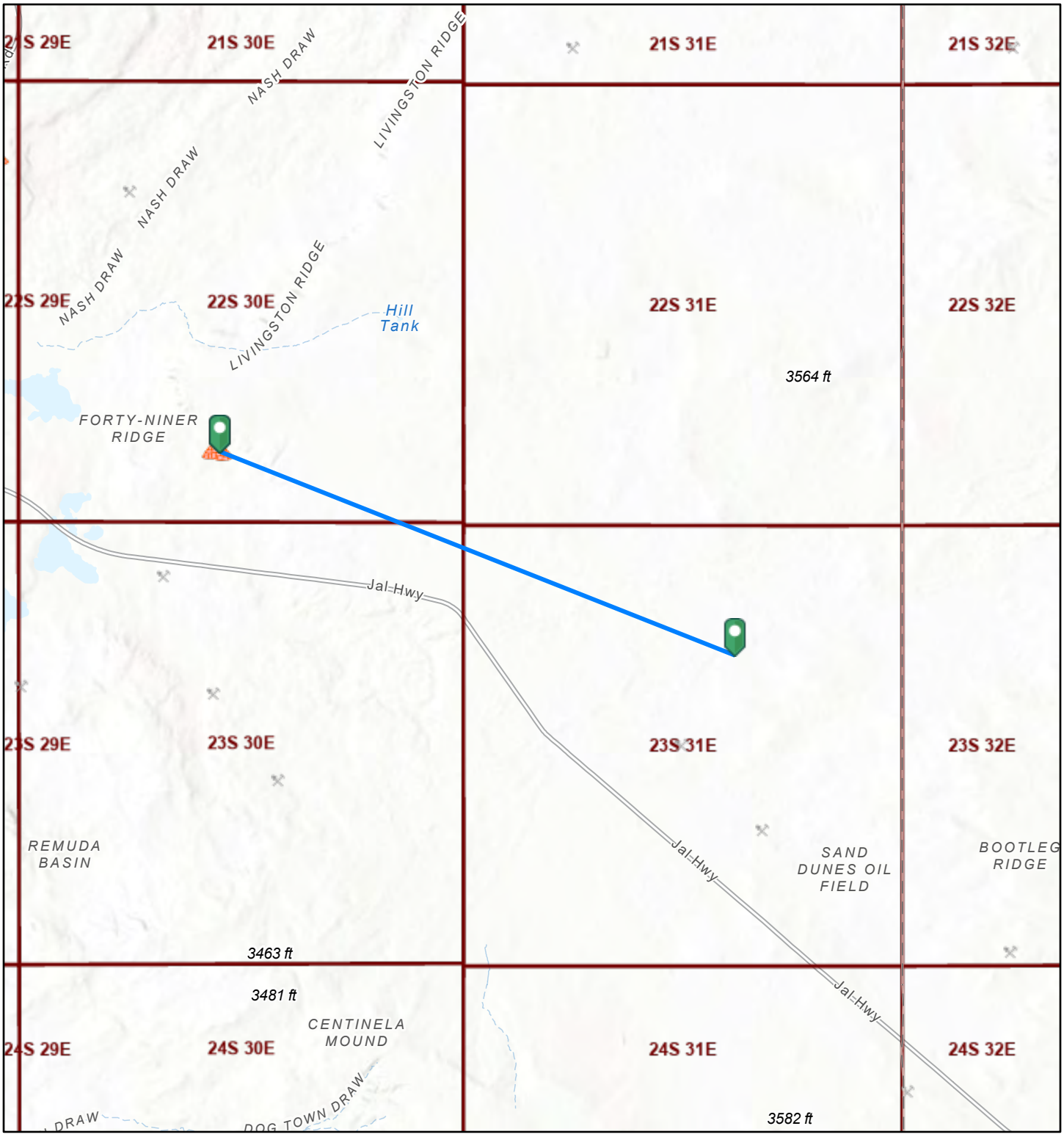
National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Potash, 40,000 feet



11/23/2025, 5:33:12 PM

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

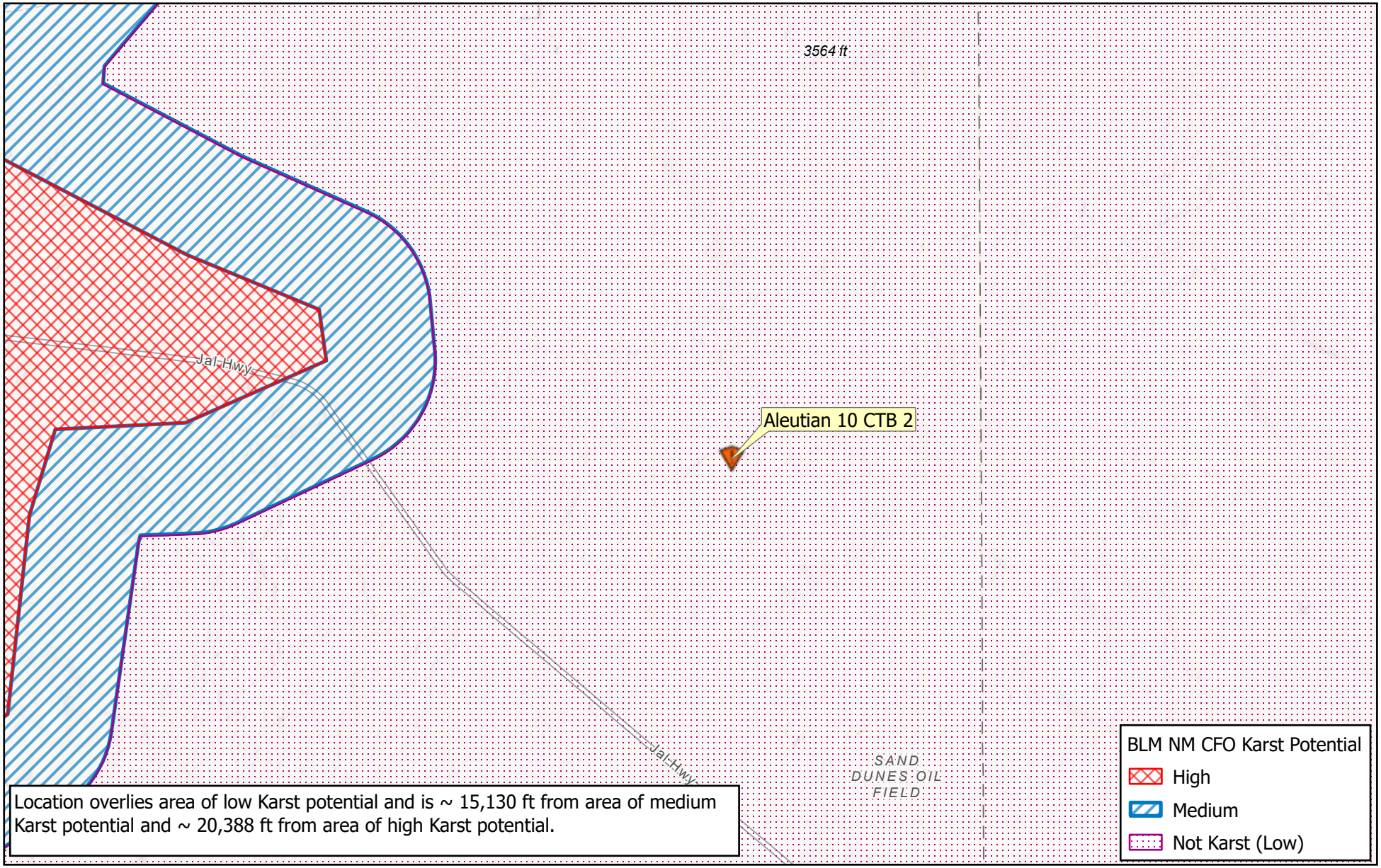
Registered Mines

- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Potash
- PLSS Townships

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, BLM

EMNRD MMD GIS Coordinator

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



VERTEX

0 3,000 6,000 US Feet

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.31841°N, 103.768484°W

Date: Nov 10/25

N

Karst Potential
Aleutian 10 CTB 2

PLATE: **8**

devon

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

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

VERSATILITY. EXPERTISE.

National Flood Hazard Layer FIRMette

FEMA

103°46'2"W 32°19'11"N

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

1:6,000

103°45'25"W 32°18'40"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

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

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

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

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

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

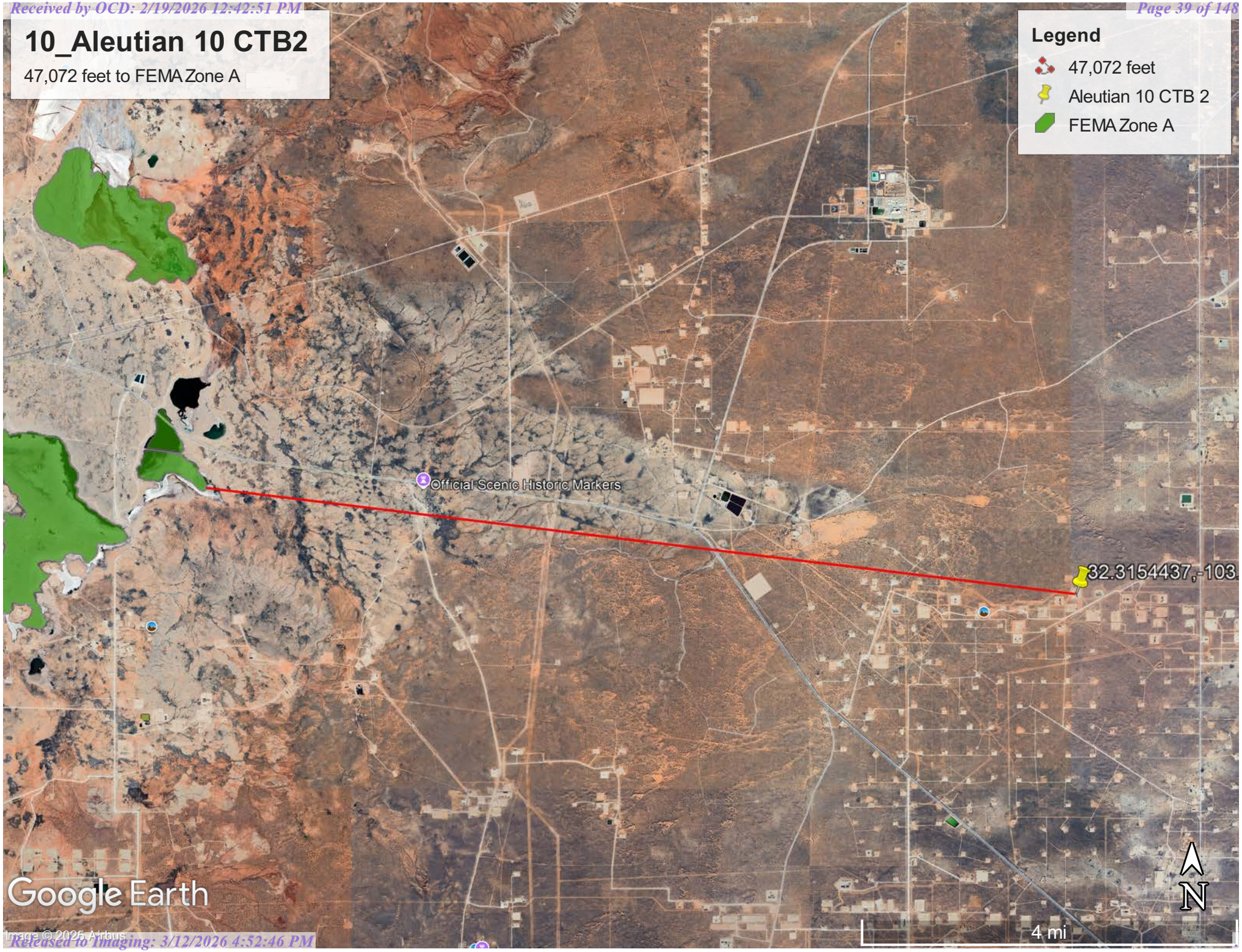
N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/9/2025 at 9:42 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.


10_Aleutian 10 CTB2
47,072 feet to FEMA Zone A
Legend
47,072 feet
Aleutian 10 CTB 2
FEMA Zone A
Official Scenic Historic Markers
32.3154437,-103.
Google Earth
Image © 2025 Airbus
4 mi
N

United States Department of Agriculture

NRCS

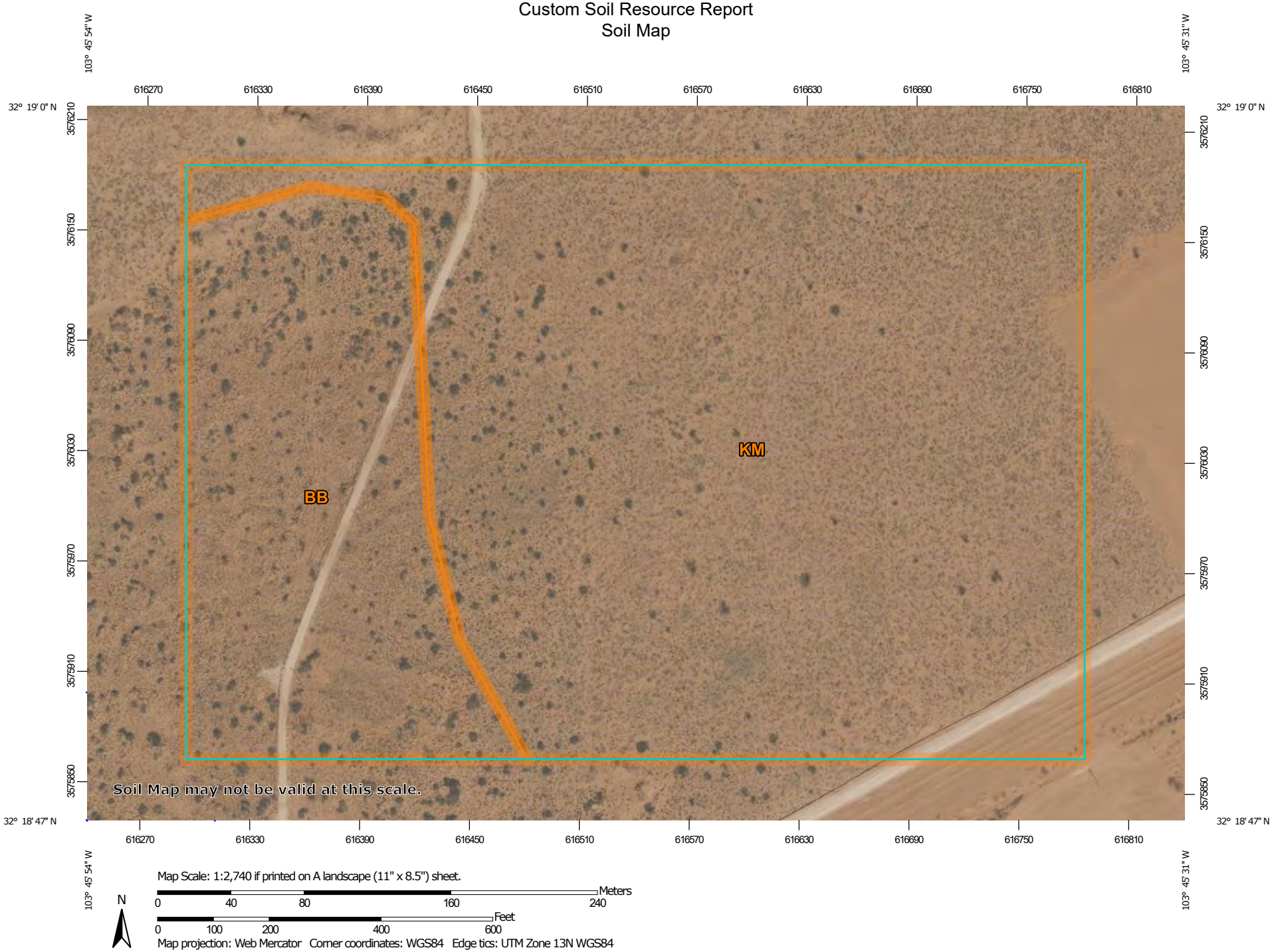
Natural Resources Conservation Service

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

Custom Soil Resource Report for Eddy Area, New Mexico

November 9, 2025

Custom Soil Resource Report
Soil Map



MAP LEGEND

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

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

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

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.

Eddy Area, New Mexico

BB—Berino complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w43
Elevation: 2,000 to 5,700 feet
Mean annual precipitation: 5 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 60 percent
Pajarito and similar soils: 25 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Fan piedmonts, plains
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 58 inches: sandy clay loam
H3 - 58 to 60 inches: loamy sand

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
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

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

Description of Pajarito

Setting

Landform: Interdunes, plains, dunes
Landform position (three-dimensional): Side slope
Down-slope shape: Linear, convex
Across-slope shape: Linear, convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Pajarito

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

Wink

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

Cacique

Percent of map unit: 4 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Kermit

Percent of map unit: 3 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q
Elevation: 3,100 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent
Berino and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Alluvial fans, plains
Landform position (three-dimensional): Talf, rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand
H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Description of Berino

Setting

Landform: Fan piedmonts, plains
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

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
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

USDA Natural Resources Conservation Service

Ecological site R070BD005NM
Deep Sand

Accessed: 11/09/2025

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.

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site occurs on terraces, Piedmonts, dunes fields, or upland plains. Parent material consists of eolian deposits and alluvium derived from sandstone. Slopes range from 0 to 15 percent, usually less than 5 percent. Low, stabilized hummocks or dunes frequently occur. Elevations range from 2,842 to 4,500 feet.

Table 2. Representative physiographic features

Landforms	(1) Dune (2) Parna dune (3) Terrace
Flooding frequency	None
Ponding frequency	None
Elevation	2,842–4,500 ft

Slope	0–15%
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 is in late March or early April, and the first killing frost is in late October or early November.
Both temperature and moisture favor warm season perennial plant growth. During years of abundant winter and early spring moisture, cool season growth and annual forbs, make up an important component of this site. Strong winds blow from the west 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 deep or very deep. Surface textures are sand loam, fine sand or loamy fine sand, Underlying material textures are loamy fine sand, fine sand, sand or fine sandy loam. Because of the coarse textures and rapid drying of the surface, the soil, if unprotected by plant cover and organic residue, becomes windblown and low hummocks or dunes are formed around shrubs.

Characteristic soils are:
Anthony
Aguena
Kermit
Likes
Pintura
Bluepoint

Table 4. Representative soil features

Surface texture	(1) Sand (2) Fine sand (3) Loamy fine sand
Family particle size	(1) Sandy
Drainage class	Well drained to excessively drained
Permeability class	Moderate to very rapid
Soil depth	60–72 in
Surface fragment cover <=3"	0–5%
Surface fragment cover >3"	0%
Available water capacity (0-40in)	3–5 in
Calcium carbonate equivalent (0-40in)	5–15%
Electrical conductivity (0-40in)	0–4 mmhos/cm
Sodium adsorption ratio (0-40in)	0–2
Soil reaction (1:1 water) (0-40in)	6.6–7.8
Subsurface fragment volume <=3" (Depth not specified)	5–10%
Subsurface fragment volume >3" (Depth not specified)	0%

Ecological dynamics

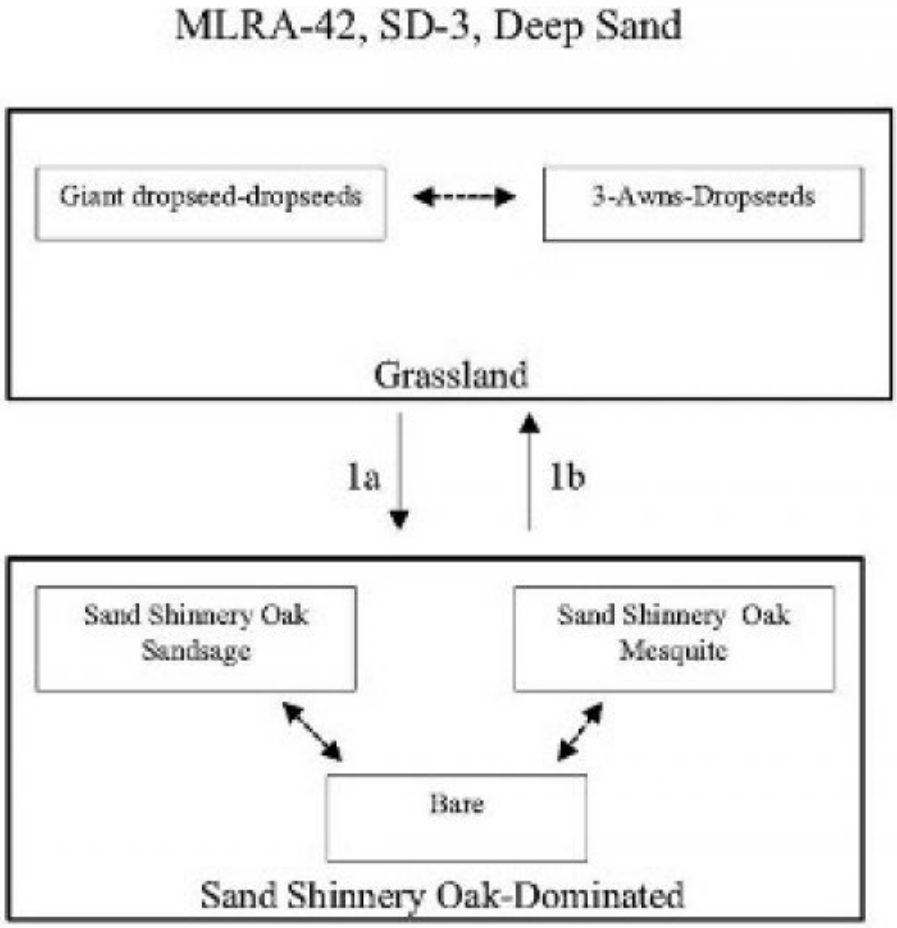
Overview

The Deep Sand site occurs adjacent to and/or intergraded with the Sandhills and Sandy sites (SD-3). The Deep Sand site can be distinguished by slopes less than eight percent

(approximately five percent) and textural changes at depths greater than 40 inches. The Deep Sand site has well drained soils with a surface texture of sand or loamy fine sand. The Sandhills site has slopes greater than eight percent and textural depths greater than 60 inches. Conversely, the Sandy site has slopes less than five percent and depths to textural change commonly around 20 inches. The historic plant community of the Deep Sand site is dominated primarily by giant dropseed (*Sporobolus giganteus*) and other dropseeds (*S. flexuosus*, *S. contractus*, *S. cryptandrus*), with scattered shinnery oak (*Quercus havardii*) and soapweed yucca (*Yucca glauca*). Other herbaceous species include threeawns (Aristida spp.), bluestems (*Schizachyrium scoparium* and *Andropogon hallii*), and annual and perennial forbs distributed relative to precipitation occurrences. Bare ground and litter compose a significant proportion of ground cover while grasses are the remainder. Shinnery oak will increase with an associated decrease in dropseed and bluestem abundance possibly due to climatic change, fire suppression, interspecific competition, and excessive grazing. Continued grass cover loss may result in a transition to a shinnery oak dominated state with increases in sand sage (*Artemisia filifolia*) and honey mesquite (*Prosopis glandulosa*). However, brush management may restore the grassland component and reverse the shinnery oak state back toward the historic plant community.

State and transition model

Plant Communities and Transitional Pathways (diagram)



1.a Climate, fire suppression, competition, over grazing

1.b Brush control, Prescribed grazing

State 1

Historic Climax Plant Community

Community 1.1
Historic Climax Plant Community

State Containing Historic Plant Community Grassland: The historic plant community is dominated by giant dropseed, other dropseeds, threeawns, and bluestems. Dominant woody plants include shinnery oak and soapweed yucca. Forb abundance and distribution varies and is dependent on annual rainfall. The Deep Sand site typically exists in sandy plains and dunes (Sosebee 1983). Grass dominance stabilizes the potentially erosive sandy soils. Historical fire suppression, however, may have contributed to increased woody plant abundance, which has reduced grass species. Further, drought conditions compounded with excessive grazing likely has driven most grass species out of competition with shrubs which has resulted in a shinnery oak dominated state with sand sage and mesquite (Young et al. 1948). Diagnosis: Grassland dominated by dropseeds, threeawns, and bluestems. Small shrubs, such as shinnery oak and soapweed yucca, and subshrubs are dispersed throughout the grassland. Other grasses that could appear on this site would include: flatsedge, almejita signalgrass, big bluestem, Indiangrass, fall witchgrass, hairy grama and red lovegrass Other shrubs include: fourwing saltbush, mesquite, ephedra and broom snakeweed. Other forbs include: wooly and scarlet gaura, wooly dalea, phlox heliotrope, scorpionweed, deerstongue, fleabane, nama, hoffmanseggia, lemon beebalm and stickleaf.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	396	858	1320
Shrub/Vine	108	234	360
Forb	96	208	320
Total	**600**	**1300**	**2000**

Table 6. Ground cover

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	15-20%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	35-40%
Surface fragments >0.25" and <=3"	0%

Surface fragments >3"	0%
Bedrock	0%
Water	0%
Bare ground	35-40%

Figure 5. Plant community growth curve (percent production by month). NM2805, HCPC. SD-3 Deep 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
Shinnery Oak Dominated

Community 2.1
Shinnery Oak Dominated

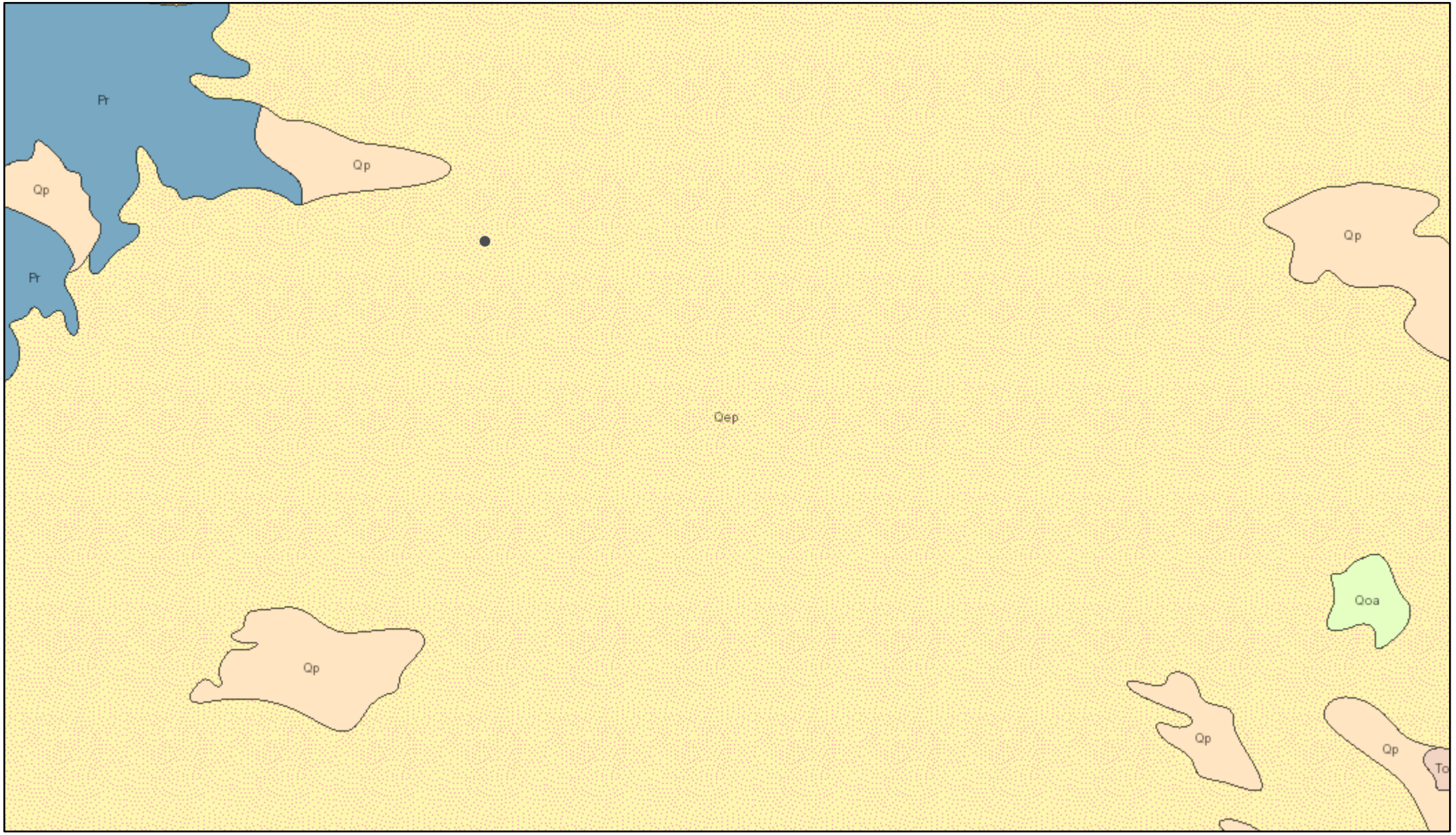
Shinnery Oak Dominated: This state is dominated by shinnery oak with subdominants of sand sage or mesquite. Bare ground is a significant component in this state as well. shinnery oak is characterized by dense stands in sandy soils; however, as clay percentage increases, shinnery oak decreases. Shinnery oak abundance and distribution increase with disturbances, such as excessive grazing and fire, due to an aggressive rhizome system. As shinnery oak abundance increases, an associated increase of mesquite, sand sage, and soapweed yucca also occurs. Shinnery oak's extensive root system allows the oak to competitively exclude grasses and forbs. Sand sage, however, stabilizes light sandy soils from wind erosion and can co-exist with herbaceous species by protecting them in heavily grazed conditions (Davis and Bonham 1979). Shinnery oak has been found primarily in very deep, excessively drained, and rapidly permeable soils. Shinnery oak is associated with landforms which are gently undulating to rolling uplands, very gently sloping to moderately steep slopes, and upland plains, alluvial fans and valley sideslopes. Shinnery oak and sand sage can be controlled with herbicide if applied in the spring with a subsequent rest from grazing (Herbel et al. 1979, Pettit 1986). In addition, repetitive seasons of goat browsing can also reduce shinnery oak abundance. Patches should be maintained during brush control, however, to prevent erosion and to provide wildlife cover and forage. Further, as shinnery oak and other shrubs increase, bare patches and erosion will increase due to a lack of herbaceous ground cover. Diagnosis: Shinnery oak dominated with subdominant sand sage, honey mesquite, and soapweed yucca with increasing frequency and size of bare patches. Transition to Shinnery oak dominated state (1a): The historic plant community begins to shift toward the shinnery oak dominated state as drivers such as climate change, 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 an increase of shrub species abundance and bare patch expansion. Key indicators of approach to transition: • Loss of grass and forb cover • Surface soil erosion • Bare patch expansion • Increased shrub species abundance and composition Transition to Historic Plant Community (1b): The shinnery oak dominated state may transition back toward the historic plant community as new drivers are introduced such as prescribed grazing, brush control, and discontinued drought conditions.

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**			450–585	
	spike dropseed	SPCO4	*Sporobolus contractus*	450–585	–
	sand dropseed	SPCR	*Sporobolus cryptandrus*	450–585	–
	mesa dropseed	SPFL2	*Sporobolus flexuosus*	450–585	–

ArcGIS Web Map



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Lithologic Contacts

- Contact, Exposed
- Contact, Gradational

Faults

- Map Boundary
- Fault, Exposed
- Fault, Intermittent
- Fault, Concealed
- Shere Zone

Dikes

- <all other values>
- Dike
- Dike intruding fault

Volcanic Vents

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

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.

ArcGIS Web AppBuilder

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census

APPENDIX B – Daily Field Reports

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Aleutian 10 CTB 2	API #:	
Inspection Date:	11/10/2025		

Summary of Times	
Arrived at Site	11/10/2025 9:00 AM
Departed Site	11/10/2025 2:30 PM

Daily Site Visit Report

Site Sketch

Site Sketch

Daily Site Visit Report

Field Notes

9:43 Completed safety paperwork and magnetic locate sweep of sample area

9:44 On site to delineate release between separators

16:36 Obtained BH25-01 to 06.
05 exceeded delineation criteria and was stepped out to the north once more.
05 not sent to lab.

Next Steps & Recommendations

1 Send samples to lab

Daily Site Visit Report

Site Photos

Viewing Direction: North	**Viewing Direction**: West
	
Magnetic sweep of release area and proposed sampling area done first thing	East toe looking west inward to release point between 106/614H separator to north and 108/703H separator to south

Daily Site Visit Report

Viewing Direction: West

Release area between 106/614H separator to south and 104/814H to north. May need to advance north delineation point north of 104/814H separator.

Viewing Direction: Southwest

Area below separator 614H

Viewing Direction: East

Area immediately west of 614H separator

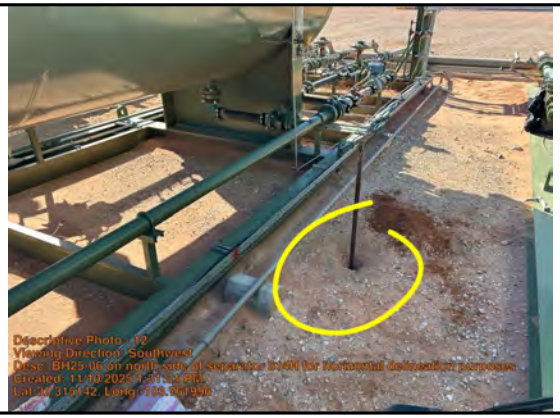
Viewing Direction: East

Area immediately southwest of point of release. BH25-01 between 614H and 703H for vertical delineation.

Daily Site Visit Report

Viewing Direction: West	**Viewing Direction**: West
	
BH25-01 samples taken at 0, 2 and 4’ depths. Between separators 614H and 703H.	BH25-02 east of 01. Samples taken at 0 and 2’ depths for horizontal delineation purposes.
Viewing Direction: West	**Viewing Direction**: East
	
BH25-03 on South side of separator 703H for horizontal delineation purposes. Samples obtained at 0 and 2’	BH25-04 directly west of point of release. Samples taken at 0 and 2’ bgs for horizontal delineation.

Daily Site Visit Report

Viewing Direction: West	**Viewing Direction**: Southwest
	
BH25-05 on North side of separator 614H for horizontal delineation purposes. Samples obtained at 0 and 2’ bgs.	BH25-06 on north side of separator 814H for horizontal delineation purposes. Samples obtained at 0 and 2’ bgs.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Austin Harris

Signature: 

Signature

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Aleutian 10 CTB 2	API #:	
Inspection Date:	1/14/2026		

Summary of Times

Arrived at Site	1/14/2026 9:15 AM
Departed Site	1/14/2026 3:00 PM

Field Notes

10:34 Completed safety paperwork upon arrival and conducted a safety meeting

10:35 Outlined the scope of work and prepped for sample collection.

10:36 Confirmation samples were collected of Base samples 1-5 and Wall samples 1 and 2

10:37 The area around separator V-106H was excavated to 0.5’ previously and the area under separator V-106H was excavated to 0.25’ previous. These were the depths the samples were collected at.

14:12 Due to the small area and short depth only one wall sample was required to be in compliance of one sample per 200 sq ft. Two was collected to be thorough.

14:13 Samples were field screened on site then placed on ice for the drive.

Next Steps & Recommendations

1

Daily Site Visit Report

Site Photos

Viewing Direction: West	**Viewing Direction**: West
	
BS25-02 east of the separators	BS25-01 south of the release point
Viewing Direction: East	**Viewing Direction**: East
	
BS25-05 near the release point/underneath equipment	BS25-04 north of the release point

Daily Site Visit Report

Viewing Direction: East

BS25-03 north of the release point

Viewing Direction: West

WS25-02 was taken along the northern and inner walls

Viewing Direction: West

WS25-01 was taken along the southern and outer walls

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Katrina Taylor

Signature: 
Signature

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Aleutian 10 CTB 2	API #:	
Inspection Date:	1/28/2026		

Summary of Times

Arrived at Site	1/28/2026 8:42 AM
Departed Site	1/28/2026 9:00 AM

Field Notes

8:42 Completed saftey paperwork upon arrival

8:43 Talked to the pit operator to make sure the technician took a sample of the correct material

8:47 The surface was hard and snow covered due to the recent snow. The operators provided a broken pile of the correct material that a 5 point composite was taken of.

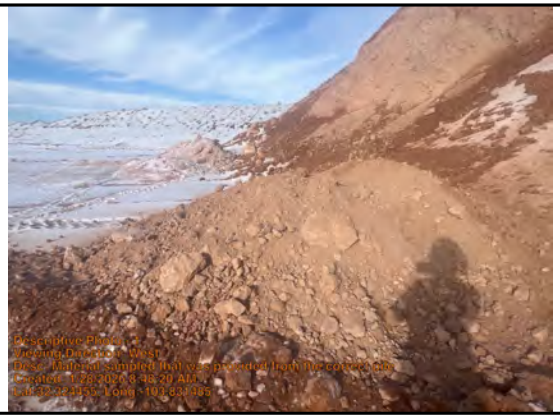
8:55 Whoop Road #1 pit is located at 32.3248003,-103.8309482.

Next Steps & Recommendations

1

Daily Site Visit Report

Site Photos

Viewing Direction: West	**Viewing Direction**: East
	
Material sampled that was provided from the correct pile	Material sampled that was provided from the correct pile
Viewing Direction: East	**Viewing Direction**: Northwest
	
Pit area	Pit area

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Katrina Taylor

Signature: 

Signature

VERTEX

Daily Field Log

Site: Aleutian 10 CTB 2

02/03/2026

Location: Default Site Location

By: Sharon Minnix

Weather	Chilly|Clear	Contractor	
Staff On-site	Sharon Minnix	Contractor Crew	
Staff From Time	10:18	Equipment On Site	
Tailgate meeting conducted	NA	Incident ID Number	nAPP2530748842

Work Summary:

Collect site images of backfill

Time	Observations
10:19:40	Collect site images of the backfill
10:19:58	Safety paperwork has been filled out
10:27:52	Site has been properly backfilled

Inspector: Sharon Minnix

Pictures/Attachments

Date: 2/3/2026
Time: 10:23
Notes: Site view of backfill
Latitude: 32.31501944444444
Longitude: -103.76188611111111
Direction: E

VERTEX

Daily Field Log

Site: Aleutian 10 CTB 2

Pictures/Attachments

Date: 2/3/2026 Time: 10:24 Notes: Site view of backfill Latitude: 32.31528055555555 Longitude: -103.76256388888889 Direction: NE	
Date: 2/3/2026 Time: 10:24 Notes: Site view of backfill Latitude: 32.31508611111111 Longitude: -103.76217777777778 Direction: NE	

VERTEX

Daily Field Log

Site: Aleutian 10 CTB 2

Pictures/Attachments

Date: 2/3/2026 Time: 10:24 Notes: Site view of backfill Latitude: 32.315105555555554 Longitude: -103.76209444444444 Direction: N	
Date: 2/3/2026 Time: 10:25 Notes: Site view of backfill Latitude: 32.31532222222222 Longitude: -103.76209444444444 Direction: N	

VERTEX

Daily Field Log

Site: Aleutian 10 CTB 2

Pictures/Attachments

Date: 2/3/2026 Time: 10:26 Notes: Site view of backfill Latitude: 32.315327777777775 Longitude: -103.76230555555556 Direction: NW	
Date: 2/3/2026 Time: 10:26 Notes: Site view of backfill Latitude: 32.31531111111111 Longitude: -103.76231388888888 Direction: E	

APPENDIX C – Laboratory Data Reports and Chain of Custody Forms

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Aleutian 10 CTB 2

JOB NUMBER

885-37631-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

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Client: Vertex
Project/Site: Aleutian 10 CTB 2

Laboratory Job ID: 885-37631-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-37631-1
Project/Site: Aleutian 10 CTB 2

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: Aleutian 10 CTB 2

Job ID: 885-37631-1

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Job Narrative
885-37631-1

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 11/13/2025 7:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

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

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

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

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

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-01 0'

Date Collected: 11/10/25 10:00
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-1

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		11/17/25 11:53	11/18/25 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/17/25 11:53*	*11/18/25 13:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/17/25 11:53	11/18/25 13:50	1
Ethylbenzene	ND		0.050		mg/Kg		11/17/25 11:53	11/18/25 13:50	1
Toluene	ND		0.050		mg/Kg		11/17/25 11:53	11/18/25 13:50	1
Xylenes, Total	ND		0.099		mg/Kg		11/17/25 11:53	11/18/25 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*11/17/25 11:53*	*11/18/25 13:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		11/17/25 14:46	11/18/25 20:33	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 14:46	11/18/25 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*11/17/25 14:46*	*11/18/25 20:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12000**		99		mg/Kg		11/18/25 10:26	11/20/25 10:15	20

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-01 4'

Date Collected: 11/10/25 10:20
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-2

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		11/17/25 11:53	11/18/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/17/25 11:53*	*11/18/25 15:02*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/17/25 11:53	11/18/25 15:02	1
Ethylbenzene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 15:02	1
Toluene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 15:02	1
Xylenes, Total	ND		0.099		mg/Kg		11/17/25 11:53	11/18/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*11/17/25 11:53*	*11/18/25 15:02*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		11/17/25 14:46	11/18/25 20:45	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/17/25 14:46	11/18/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*11/17/25 14:46*	*11/18/25 20:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		50		mg/Kg		11/18/25 10:26	11/18/25 13:03	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-02 0'

Date Collected: 11/10/25 10:30
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-3

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		11/17/25 11:53	11/18/25 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/17/25 11:53*	*11/18/25 16:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/17/25 11:53	11/18/25 16:13	1
Ethylbenzene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 16:13	1
Toluene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 16:13	1
Xylenes, Total	ND		0.098		mg/Kg		11/17/25 11:53	11/18/25 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*11/17/25 11:53*	*11/18/25 16:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		11/17/25 14:46	11/18/25 20:56	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/17/25 14:46	11/18/25 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*11/17/25 14:46*	*11/18/25 20:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		11/18/25 10:26	11/18/25 13:57	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-02 2'

Date Collected: 11/10/25 10:40
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-4

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		11/17/25 11:53	11/18/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/17/25 11:53*	*11/18/25 16:37*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/17/25 11:53	11/18/25 16:37	1
Ethylbenzene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 16:37	1
Toluene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 16:37	1
Xylenes, Total	ND		0.099		mg/Kg		11/17/25 11:53	11/18/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*	*11/17/25 11:53*	*11/18/25 16:37*	*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		9.6		mg/Kg		11/17/25 14:46	11/18/25 21:08	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 14:46	11/18/25 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*11/17/25 14:46*	*11/18/25 21:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/18/25 10:26	11/18/25 14:08	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-03 0'

Date Collected: 11/10/25 10:50
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-5

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		5.0		mg/Kg		11/17/25 11:53	11/18/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/17/25 11:53*	*11/18/25 17:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/17/25 11:53	11/18/25 17:01	1
Ethylbenzene	ND		0.050		mg/Kg		11/17/25 11:53	11/18/25 17:01	1
Toluene	ND		0.050		mg/Kg		11/17/25 11:53	11/18/25 17:01	1
Xylenes, Total	ND		0.10		mg/Kg		11/17/25 11:53	11/18/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*11/17/25 11:53*	*11/18/25 17:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		11/17/25 14:46	11/18/25 21:20	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 14:46	11/18/25 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*11/17/25 14:46*	*11/18/25 21:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/18/25 10:26	11/18/25 14:19	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-03 2'

Date Collected: 11/10/25 11:00
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-6

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		11/17/25 11:53	11/18/25 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*	*11/17/25 11:53*	*11/18/25 17:24*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/17/25 11:53	11/18/25 17:24	1
Ethylbenzene	ND		0.048		mg/Kg		11/17/25 11:53	11/18/25 17:24	1
Toluene	ND		0.048		mg/Kg		11/17/25 11:53	11/18/25 17:24	1
Xylenes, Total	ND		0.096		mg/Kg		11/17/25 11:53	11/18/25 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*11/17/25 11:53*	*11/18/25 17:24*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		11/17/25 14:46	11/18/25 21:31	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 14:46	11/18/25 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*11/17/25 14:46*	*11/18/25 21:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		11/18/25 10:26	11/18/25 14:30	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-04 0'

Date Collected: 11/10/25 11:10
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-7

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		11/17/25 11:53	11/18/25 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*	*11/17/25 11:53*	*11/18/25 17:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/17/25 11:53	11/18/25 17:48	1
Ethylbenzene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 17:48	1
Toluene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 17:48	1
Xylenes, Total	ND		0.099		mg/Kg		11/17/25 11:53	11/18/25 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*11/17/25 11:53*	*11/18/25 17:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		11/17/25 14:46	11/18/25 21:43	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 14:46	11/18/25 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*11/17/25 14:46*	*11/18/25 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		11/18/25 10:26	11/18/25 14:41	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-04 2'

Date Collected: 11/10/25 11:20
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-8
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		11/17/25 11:53	11/18/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 150*	*11/17/25 11:53*	*11/18/25 18:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/17/25 11:53	11/18/25 18:12	1
Ethylbenzene	ND		0.048		mg/Kg		11/17/25 11:53	11/18/25 18:12	1
Toluene	ND		0.048		mg/Kg		11/17/25 11:53	11/18/25 18:12	1
Xylenes, Total	ND		0.096		mg/Kg		11/17/25 11:53	11/18/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*11/17/25 11:53*	*11/18/25 18:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		11/17/25 14:46	11/18/25 21:55	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 14:46	11/18/25 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*11/17/25 14:46*	*11/18/25 21:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		11/18/25 10:26	11/18/25 14:52	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-06 0'

Date Collected: 11/10/25 11:40
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		11/17/25 11:53	11/18/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/17/25 11:53*	*11/18/25 18:36*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/17/25 11:53	11/18/25 18:36	1
Ethylbenzene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 18:36	1
Toluene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 18:36	1
Xylenes, Total	ND		0.097		mg/Kg		11/17/25 11:53	11/18/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*11/17/25 11:53*	*11/18/25 18:36*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		11/17/25 14:46	11/18/25 22:18	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/17/25 14:46	11/18/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*11/17/25 14:46*	*11/18/25 22:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		11/18/25 10:26	11/18/25 15:02	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

Client Sample ID: BH25-06 2'

Date Collected: 11/10/25 11:50
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37631-10
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		11/17/25 11:53	11/18/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*	*11/17/25 11:53*	*11/18/25 18:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/17/25 11:53	11/18/25 18:59	1
Ethylbenzene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 18:59	1
Toluene	ND		0.049		mg/Kg		11/17/25 11:53	11/18/25 18:59	1
Xylenes, Total	ND		0.098		mg/Kg		11/17/25 11:53	11/18/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*11/17/25 11:53*	*11/18/25 18:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		11/17/25 14:46	11/18/25 22:30	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/17/25 14:46	11/18/25 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*11/17/25 14:46*	*11/18/25 22:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/18/25 10:26	11/18/25 15:13	10

QC Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

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

Lab Sample ID: MB 885-38588/1-A
Matrix: Solid
Analysis Batch: 38642

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38588

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		11/17/25 11:53	11/18/25 13:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/17/25 11:53*	*11/18/25 13:27*	*1*

Lab Sample ID: LCS 885-38588/2-A
Matrix: Solid
Analysis Batch: 38642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38588

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*216*		*15 - 150*

Lab Sample ID: 885-37631-1 MS
Matrix: Solid
Analysis Batch: 38642

Client Sample ID: BH25-01 0'
Prep Type: Total/NA
Prep Batch: 38588

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.4	16.9		mg/Kg		70	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*184*		*15 - 150*

Lab Sample ID: 885-37631-1 MSD
Matrix: Solid
Analysis Batch: 38642

Client Sample ID: BH25-01 0'
Prep Type: Total/NA
Prep Batch: 38588

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.3	18.6		mg/Kg		77	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*189*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38588/1-A
Matrix: Solid
Analysis Batch: 38643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38588

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/17/25 11:53	11/18/25 13:27	1
Ethylbenzene	ND		0.050		mg/Kg		11/17/25 11:53	11/18/25 13:27	1
Toluene	ND		0.050		mg/Kg		11/17/25 11:53	11/18/25 13:27	1

QC Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

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

Lab Sample ID: MB 885-38588/1-A
Matrix: Solid
Analysis Batch: 38643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38588

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		11/17/25 11:53	11/18/25 13:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 150*	*11/17/25 11:53*	*11/18/25 13:27*	*1*

Lab Sample ID: LCS 885-38588/3-A
Matrix: Solid
Analysis Batch: 38643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38588

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.949		mg/Kg		95	70 - 130		
Ethylbenzene			1.00	0.951		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene			2.00	1.90		mg/Kg		95	70 - 130		
o-Xylene			1.00	0.934		mg/Kg		93	70 - 130		
Toluene			1.00	0.946		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*

Lab Sample ID: 885-37631-2 MS
Matrix: Solid
Analysis Batch: 38643

Client Sample ID: BH25-01 4'
Prep Type: Total/NA
Prep Batch: 38588

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.990	0.902		mg/Kg		91	70 - 130		
Ethylbenzene	ND		0.990	0.910		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene	ND		1.98	1.83		mg/Kg		92	70 - 130		
o-Xylene	ND		0.990	0.892		mg/Kg		90	70 - 130		
Toluene	ND		0.990	0.920		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*

Lab Sample ID: 885-37631-2 MSD
Matrix: Solid
Analysis Batch: 38643

Client Sample ID: BH25-01 4'
Prep Type: Total/NA
Prep Batch: 38588

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.990	0.889		mg/Kg		90	70 - 130	1	20
Ethylbenzene	ND		0.990	0.901		mg/Kg		91	70 - 130	1	20
m-Xylene & p-Xylene	ND		1.98	1.83		mg/Kg		93	70 - 130	0	20
o-Xylene	ND		0.990	0.904		mg/Kg		91	70 - 130	1	20
Toluene	ND		0.990	0.907		mg/Kg		92	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

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

Lab Sample ID: MB 885-38606/1-A
Matrix: Solid
Analysis Batch: 38620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38606

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		11/17/25 14:46	11/18/25 20:10	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/17/25 14:46	11/18/25 20:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*11/17/25 14:46*	*11/18/25 20:10*	*1*

Lab Sample ID: LCS 885-38606/2-A
Matrix: Solid
Analysis Batch: 38620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38606

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	58.2		mg/Kg		116	51 - 148		

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38640/1-A
Matrix: Solid
Analysis Batch: 38648

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38640

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		4.9		mg/Kg		11/18/25 10:26	11/18/25 11:47	1

Lab Sample ID: LCS 885-38640/2-A
Matrix: Solid
Analysis Batch: 38648

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38640

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.7	49.4		mg/Kg		99	90 - 110		

Lab Sample ID: 885-37631-2 MS
Matrix: Solid
Analysis Batch: 38648

Client Sample ID: BH25-01 4'
Prep Type: Total/NA
Prep Batch: 38640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	140		49.2	180		mg/Kg		87	50 - 150		

Lab Sample ID: 885-37631-2 MSD
Matrix: Solid
Analysis Batch: 38648

Client Sample ID: BH25-01 4'
Prep Type: Total/NA
Prep Batch: 38640

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		49.5	180		mg/Kg		86	50 - 150	0	20

QC Association Summary

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

GC VOA

Prep Batch: 38588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-1	BH25-01 0'	Total/NA	Solid	5030C	
885-37631-2	BH25-01 4'	Total/NA	Solid	5030C	
885-37631-3	BH25-02 0'	Total/NA	Solid	5030C	
885-37631-4	BH25-02 2'	Total/NA	Solid	5030C	
885-37631-5	BH25-03 0'	Total/NA	Solid	5030C	
885-37631-6	BH25-03 2'	Total/NA	Solid	5030C	
885-37631-7	BH25-04 0'	Total/NA	Solid	5030C	
885-37631-8	BH25-04 2'	Total/NA	Solid	5030C	
885-37631-9	BH25-06 0'	Total/NA	Solid	5030C	
885-37631-10	BH25-06 2'	Total/NA	Solid	5030C	
MB 885-38588/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38588/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38588/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-37631-1 MS	BH25-01 0'	Total/NA	Solid	5030C	
885-37631-1 MSD	BH25-01 0'	Total/NA	Solid	5030C	
885-37631-2 MS	BH25-01 4'	Total/NA	Solid	5030C	
885-37631-2 MSD	BH25-01 4'	Total/NA	Solid	5030C	

Analysis Batch: 38642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-1	BH25-01 0'	Total/NA	Solid	8015M/D	38588
885-37631-2	BH25-01 4'	Total/NA	Solid	8015M/D	38588
885-37631-3	BH25-02 0'	Total/NA	Solid	8015M/D	38588
885-37631-4	BH25-02 2'	Total/NA	Solid	8015M/D	38588
885-37631-5	BH25-03 0'	Total/NA	Solid	8015M/D	38588
885-37631-6	BH25-03 2'	Total/NA	Solid	8015M/D	38588
885-37631-7	BH25-04 0'	Total/NA	Solid	8015M/D	38588
885-37631-8	BH25-04 2'	Total/NA	Solid	8015M/D	38588
885-37631-9	BH25-06 0'	Total/NA	Solid	8015M/D	38588
885-37631-10	BH25-06 2'	Total/NA	Solid	8015M/D	38588
MB 885-38588/1-A	Method Blank	Total/NA	Solid	8015M/D	38588
LCS 885-38588/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38588
885-37631-1 MS	BH25-01 0'	Total/NA	Solid	8015M/D	38588
885-37631-1 MSD	BH25-01 0'	Total/NA	Solid	8015M/D	38588

Analysis Batch: 38643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-1	BH25-01 0'	Total/NA	Solid	8021B	38588
885-37631-2	BH25-01 4'	Total/NA	Solid	8021B	38588
885-37631-3	BH25-02 0'	Total/NA	Solid	8021B	38588
885-37631-4	BH25-02 2'	Total/NA	Solid	8021B	38588
885-37631-5	BH25-03 0'	Total/NA	Solid	8021B	38588
885-37631-6	BH25-03 2'	Total/NA	Solid	8021B	38588
885-37631-7	BH25-04 0'	Total/NA	Solid	8021B	38588
885-37631-8	BH25-04 2'	Total/NA	Solid	8021B	38588
885-37631-9	BH25-06 0'	Total/NA	Solid	8021B	38588
885-37631-10	BH25-06 2'	Total/NA	Solid	8021B	38588
MB 885-38588/1-A	Method Blank	Total/NA	Solid	8021B	38588
LCS 885-38588/3-A	Lab Control Sample	Total/NA	Solid	8021B	38588
885-37631-2 MS	BH25-01 4'	Total/NA	Solid	8021B	38588
885-37631-2 MSD	BH25-01 4'	Total/NA	Solid	8021B	38588

QC Association Summary

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

GC Semi VOA

Prep Batch: 38606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-1	BH25-01 0'	Total/NA	Solid	SHAKE	
885-37631-2	BH25-01 4'	Total/NA	Solid	SHAKE	
885-37631-3	BH25-02 0'	Total/NA	Solid	SHAKE	
885-37631-4	BH25-02 2'	Total/NA	Solid	SHAKE	
885-37631-5	BH25-03 0'	Total/NA	Solid	SHAKE	
885-37631-6	BH25-03 2'	Total/NA	Solid	SHAKE	
885-37631-7	BH25-04 0'	Total/NA	Solid	SHAKE	
885-37631-8	BH25-04 2'	Total/NA	Solid	SHAKE	
885-37631-9	BH25-06 0'	Total/NA	Solid	SHAKE	
885-37631-10	BH25-06 2'	Total/NA	Solid	SHAKE	
MB 885-38606/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38606/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 38620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-1	BH25-01 0'	Total/NA	Solid	8015M/D	38606
885-37631-2	BH25-01 4'	Total/NA	Solid	8015M/D	38606
885-37631-3	BH25-02 0'	Total/NA	Solid	8015M/D	38606
885-37631-4	BH25-02 2'	Total/NA	Solid	8015M/D	38606
885-37631-5	BH25-03 0'	Total/NA	Solid	8015M/D	38606
885-37631-6	BH25-03 2'	Total/NA	Solid	8015M/D	38606
885-37631-7	BH25-04 0'	Total/NA	Solid	8015M/D	38606
885-37631-8	BH25-04 2'	Total/NA	Solid	8015M/D	38606
885-37631-9	BH25-06 0'	Total/NA	Solid	8015M/D	38606
885-37631-10	BH25-06 2'	Total/NA	Solid	8015M/D	38606
MB 885-38606/1-A	Method Blank	Total/NA	Solid	8015M/D	38606
LCS 885-38606/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38606

HPLC/IC

Prep Batch: 38640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-1	BH25-01 0'	Total/NA	Solid	300_Prep	
885-37631-2	BH25-01 4'	Total/NA	Solid	300_Prep	
885-37631-3	BH25-02 0'	Total/NA	Solid	300_Prep	
885-37631-4	BH25-02 2'	Total/NA	Solid	300_Prep	
885-37631-5	BH25-03 0'	Total/NA	Solid	300_Prep	
885-37631-6	BH25-03 2'	Total/NA	Solid	300_Prep	
885-37631-7	BH25-04 0'	Total/NA	Solid	300_Prep	
885-37631-8	BH25-04 2'	Total/NA	Solid	300_Prep	
885-37631-9	BH25-06 0'	Total/NA	Solid	300_Prep	
885-37631-10	BH25-06 2'	Total/NA	Solid	300_Prep	
MB 885-38640/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38640/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-37631-2 MS	BH25-01 4'	Total/NA	Solid	300_Prep	
885-37631-2 MSD	BH25-01 4'	Total/NA	Solid	300_Prep	

Analysis Batch: 38648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-2	BH25-01 4'	Total/NA	Solid	300.0	38640
885-37631-3	BH25-02 0'	Total/NA	Solid	300.0	38640

QC Association Summary

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-37631-1

HPLC/IC (Continued)

Analysis Batch: 38648 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-4	BH25-02 2'	Total/NA	Solid	300.0	38640
885-37631-5	BH25-03 0'	Total/NA	Solid	300.0	38640
885-37631-6	BH25-03 2'	Total/NA	Solid	300.0	38640
885-37631-7	BH25-04 0'	Total/NA	Solid	300.0	38640
885-37631-8	BH25-04 2'	Total/NA	Solid	300.0	38640
885-37631-9	BH25-06 0'	Total/NA	Solid	300.0	38640
885-37631-10	BH25-06 2'	Total/NA	Solid	300.0	38640
MB 885-38640/1-A	Method Blank	Total/NA	Solid	300.0	38640
LCS 885-38640/2-A	Lab Control Sample	Total/NA	Solid	300.0	38640
885-37631-2 MS	BH25-01 4'	Total/NA	Solid	300.0	38640
885-37631-2 MSD	BH25-01 4'	Total/NA	Solid	300.0	38640

Analysis Batch: 38764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37631-1	BH25-01 0'	Total/NA	Solid	300.0	38640

Lab Chronicle

Client: Vertex
Job ID: 885-37631-1
Project/Site: Aleutian 10 CTB 2

Client Sample ID: BH25-01 0'
Lab Sample ID: 885-37631-1
Date Collected: 11/10/25 10:00
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 13:50
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 13:50
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 20:33
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		20	38764	MA	EET ALB	11/20/25 10:15

Client Sample ID: BH25-01 4'
Lab Sample ID: 885-37631-2
Date Collected: 11/10/25 10:20
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 15:02
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 15:02
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 20:45
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 13:03

Client Sample ID: BH25-02 0'
Lab Sample ID: 885-37631-3
Date Collected: 11/10/25 10:30
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 16:13
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 16:13
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 20:56
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 13:57

Client Sample ID: BH25-02 2'
Lab Sample ID: 885-37631-4
Date Collected: 11/10/25 10:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 16:37

Lab Chronicle

Client: Vertex
Job ID: 885-37631-1
Project/Site: Aleutian 10 CTB 2

Client Sample ID: BH25-02 2'
Lab Sample ID: 885-37631-4
Date Collected: 11/10/25 10:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 16:37
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 21:08
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 14:08

Client Sample ID: BH25-03 0'
Lab Sample ID: 885-37631-5
Date Collected: 11/10/25 10:50
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 17:01
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 17:01
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 21:20
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 14:19

Client Sample ID: BH25-03 2'
Lab Sample ID: 885-37631-6
Date Collected: 11/10/25 11:00
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 17:24
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 17:24
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 21:31
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 14:30

Client Sample ID: BH25-04 0'
Lab Sample ID: 885-37631-7
Date Collected: 11/10/25 11:10
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 17:48
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 17:48

Lab Chronicle

Client: Vertex
Job ID: 885-37631-1
Project/Site: Aleutian 10 CTB 2

Client Sample ID: BH25-04 0'
Lab Sample ID: 885-37631-7
Date Collected: 11/10/25 11:10
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 21:43
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 14:41

Client Sample ID: BH25-04 2'
Lab Sample ID: 885-37631-8
Date Collected: 11/10/25 11:20
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 18:12
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 18:12
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 21:55
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 14:52

Client Sample ID: BH25-06 0'
Lab Sample ID: 885-37631-9
Date Collected: 11/10/25 11:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 18:36
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 18:36
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 22:18
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 15:02

Client Sample ID: BH25-06 2'
Lab Sample ID: 885-37631-10
Date Collected: 11/10/25 11:50
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8015M/D		1	38642	VP	EET ALB	11/18/25 18:59
Total/NA	Prep	5030C			38588	VP	EET ALB	11/17/25 11:53
Total/NA	Analysis	8021B		1	38643	VP	EET ALB	11/18/25 18:59
Total/NA	Prep	SHAKE			38606	BV	EET ALB	11/17/25 14:46
Total/NA	Analysis	8015M/D		1	38620	BV	EET ALB	11/18/25 22:30

Lab Chronicle

Client: Vertex
Job ID: 885-37631-1
Project/Site: Aleutian 10 CTB 2

Client Sample ID: BH25-06 2'
Lab Sample ID: 885-37631-10

Date Collected: 11/10/25 11:50
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			38640	JR	EET ALB	11/18/25 10:26
Total/NA	Analysis	300.0		10	38648	EH	EET ALB	11/18/25 15:13

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-37631-1
Project/Site: Aleutian 10 CTB 2

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Vertex

Direct bill Devon

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☐ Rush 5 Days

Project Name: Alechan 10 CTB 2

Project #: 25A-05838

Project Manager: Sally Carrillo

Sampler: AH

On Ice: ☑ Yes ☐ No joe

# of Coolers: 1

Cooler Temp(including CF): 2.9+0.2 = 3.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABOR

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 871

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

885-37631 COC

Analysis Request

Date	Time	Matrix	Sample Name		Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11-10-25	1000	Soil	BH25-01	0'	4oz	ICE											
	1020		BH25-01	4'													
	1030		BH25-02	0'													
	1040		BH25-02	2'													
	1050		BH25-03	0'													
	1100		BH25-03	2'													
	1110		BH25-04	0'													
	1120		BH25-04	2'													
	1140		BH25-06	0'													
	1150		BH25-06	2'													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11-11-25	18:00				11/12/25	815
11/12/25	1900			Courier	11/13/25	7:50

Remarks:
CC: Scarrillo@vertexresource.com
Permian@vertexresource.com
aharris@vertexresource.com

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

WO# 24032872

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-37631-1

Login Number: 37631 **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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 1/27/2026 8:54:52 AM Revision 1

JOB DESCRIPTION

Aleutian 10 CTB 2

JOB NUMBER

885-41486-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
1/27/2026 8:54:52 AM
Revision 1

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
Designee for
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Laboratory Job ID: 885-41486-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-41486-1
Project/Site: Aleutian 10 CTB 2

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: Aleutian 10 CTB 2

Job ID: 885-41486-1

Job ID: 885-41486-1 Eurofins Albuquerque

Job Narrative
885-41486-1

REVISION

The report being provided is a revision of the original report sent on 1/26/2026. The report (revision 1) is being revised due to Client requested sample name change
BS26-01 at 0.5ft
BS26-02 at 0.5ft
BS26-03 at 0.5ft
BS26-04 at 0.5ft
BS26-05 at 0.5ft
WS26-01 at 0.5ft
WS26-02 at 0.5ft.

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

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

Receipt
The samples were received on 1/16/2026 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

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

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

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

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

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: BS26-01 0.5'

Date Collected: 01/14/26 10:30
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-1

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		01/19/26 11:30	01/25/26 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*01/19/26 11:30*	*01/25/26 11:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 11:30	01/25/26 11:59	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 11:30	01/25/26 11:59	1
Toluene	ND		0.049		mg/Kg		01/19/26 11:30	01/25/26 11:59	1
Xylenes, Total	ND		0.098		mg/Kg		01/19/26 11:30	01/25/26 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/19/26 11:30*	*01/25/26 11:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/19/26 15:07	01/20/26 00:03	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/19/26 15:07	01/20/26 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*01/19/26 15:07*	*01/20/26 00:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12000**		99		mg/Kg		01/20/26 11:40	01/21/26 18:17	20

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: BS26-02 0.5'
Date Collected: 01/14/26 10:35
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-2
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		4.7		mg/Kg		01/19/26 11:30	01/25/26 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/19/26 11:30*	*01/25/26 12:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		01/19/26 11:30	01/25/26 12:23	1
Ethylbenzene	ND		0.047		mg/Kg		01/19/26 11:30	01/25/26 12:23	1
Toluene	ND		0.047		mg/Kg		01/19/26 11:30	01/25/26 12:23	1
Xylenes, Total	ND		0.093		mg/Kg		01/19/26 11:30	01/25/26 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*15 - 150*	*01/19/26 11:30*	*01/25/26 12:23*	*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		9.9		mg/Kg		01/19/26 15:07	01/19/26 18:37	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/19/26 15:07	01/19/26 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*01/19/26 15:07*	*01/19/26 18:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**820**		50		mg/Kg		01/20/26 11:40	01/20/26 23:52	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: BS26-03 0.5'
Date Collected: 01/14/26 10:45
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-3
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		01/19/26 11:30	01/25/26 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*01/19/26 11:30*	*01/25/26 12:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 11:30	01/25/26 12:46	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 11:30	01/25/26 12:46	1
Toluene	ND		0.049		mg/Kg		01/19/26 11:30	01/25/26 12:46	1
Xylenes, Total	ND		0.099		mg/Kg		01/19/26 11:30	01/25/26 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*01/19/26 11:30*	*01/25/26 12:46*	*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		9.3		mg/Kg		01/19/26 15:07	01/19/26 19:00	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/19/26 15:07	01/19/26 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*01/19/26 15:07*	*01/19/26 19:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6400**		50		mg/Kg		01/20/26 11:40	01/21/26 00:02	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: BS26-04 0.5'

Date Collected: 01/14/26 11:00
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-4

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		01/19/26 11:30	01/25/26 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*01/19/26 11:30*	*01/25/26 13:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 11:30	01/25/26 13:33	1
Ethylbenzene	ND		0.048		mg/Kg		01/19/26 11:30	01/25/26 13:33	1
Toluene	ND		0.048		mg/Kg		01/19/26 11:30	01/25/26 13:33	1
Xylenes, Total	ND		0.097		mg/Kg		01/19/26 11:30	01/25/26 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*01/19/26 11:30*	*01/25/26 13:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		01/19/26 15:07	01/19/26 19:23	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/19/26 15:07	01/19/26 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*01/19/26 15:07*	*01/19/26 19:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11000**		99		mg/Kg		01/20/26 11:40	01/21/26 18:27	20

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: BS26-05 0.25'

Date Collected: 01/14/26 11:05
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-5

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		4.6		mg/Kg		01/19/26 11:30	01/25/26 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*01/19/26 11:30*	*01/25/26 13:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		01/19/26 11:30	01/25/26 13:57	1
Ethylbenzene	ND		0.046		mg/Kg		01/19/26 11:30	01/25/26 13:57	1
Toluene	ND		0.046		mg/Kg		01/19/26 11:30	01/25/26 13:57	1
Xylenes, Total	ND		0.093		mg/Kg		01/19/26 11:30	01/25/26 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/19/26 11:30*	*01/25/26 13:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		01/19/26 15:07	01/19/26 19:46	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		01/19/26 15:07	01/19/26 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*01/19/26 15:07*	*01/19/26 19:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5100**		50		mg/Kg		01/20/26 11:40	01/21/26 00:24	10

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: WS26-01 0-0.5'

Date Collected: 01/14/26 11:10
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-6

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/19/26 11:30	01/25/26 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/19/26 11:30*	*01/25/26 14:20*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 11:30	01/25/26 14:20	1
Ethylbenzene	ND		0.048		mg/Kg		01/19/26 11:30	01/25/26 14:20	1
Toluene	ND		0.048		mg/Kg		01/19/26 11:30	01/25/26 14:20	1
Xylenes, Total	ND		0.096		mg/Kg		01/19/26 11:30	01/25/26 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*15 - 150*	*01/19/26 11:30*	*01/25/26 14:20*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		01/19/26 15:07	01/19/26 20:09	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/19/26 15:07	01/19/26 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*01/19/26 15:07*	*01/19/26 20:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9400**		100		mg/Kg		01/20/26 11:40	01/21/26 18:38	20

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: WS26-02 0-0.5'
Date Collected: 01/14/26 11:15
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		01/19/26 11:30	01/25/26 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*01/19/26 11:30*	*01/25/26 14:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		01/19/26 11:30	01/25/26 14:43	1
Ethylbenzene	ND		0.047		mg/Kg		01/19/26 11:30	01/25/26 14:43	1
Toluene	ND		0.047		mg/Kg		01/19/26 11:30	01/25/26 14:43	1
Xylenes, Total	ND		0.093		mg/Kg		01/19/26 11:30	01/25/26 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/19/26 11:30*	*01/25/26 14:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		01/19/26 15:07	01/19/26 20:32	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/19/26 15:07	01/19/26 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*01/19/26 15:07*	*01/19/26 20:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7700**		50		mg/Kg		01/20/26 11:40	01/21/26 00:46	10

QC Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

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

Lab Sample ID: MB 885-41539/1-A
Matrix: Solid
Analysis Batch: 41933

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41539

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		01/19/26 11:30	01/25/26 07:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*01/19/26 11:30*	*01/25/26 07:19*	*1*

Lab Sample ID: LCS 885-41539/2-A
Matrix: Solid
Analysis Batch: 41933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41539

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	18.8		mg/Kg		75	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*168*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-41539/1-A
Matrix: Solid
Analysis Batch: 41934

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41539

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 11:30	01/25/26 07:19	1
Ethylbenzene	ND		0.050		mg/Kg		01/19/26 11:30	01/25/26 07:19	1
Toluene	ND		0.050		mg/Kg		01/19/26 11:30	01/25/26 07:19	1
Xylenes, Total	ND		0.10		mg/Kg		01/19/26 11:30	01/25/26 07:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*15 - 150*	*01/19/26 11:30*	*01/25/26 07:19*	*1*

Lab Sample ID: LCS 885-41539/3-A
Matrix: Solid
Analysis Batch: 41934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41539

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.845		mg/Kg		85	70 - 130		
Ethylbenzene			1.00	0.836		mg/Kg		84	70 - 130		
m-Xylene & p-Xylene			2.00	1.73		mg/Kg		86	70 - 130		
o-Xylene			1.00	0.832		mg/Kg		83	70 - 130		
Toluene			1.00	0.856		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

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

Lab Sample ID: MB 885-41558/1-A
Matrix: Solid
Analysis Batch: 41519

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41558

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/19/26 15:07	01/19/26 22:18	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/19/26 15:07	01/19/26 22:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*01/19/26 15:07*	*01/19/26 22:18*	*1*

Lab Sample ID: LCS 885-41558/2-A
Matrix: Solid
Analysis Batch: 41519

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41558

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	57.2		mg/Kg		114	51 - 148		

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-41542/3
Matrix: Solid
Analysis Batch: 41542

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.538		mg/L		108	50 - 150		

Lab Sample ID: MB 885-41609/1-A
Matrix: Solid
Analysis Batch: 41542

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41609

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		01/20/26 11:40	01/20/26 17:43	1

Lab Sample ID: LCS 885-41609/2-A
Matrix: Solid
Analysis Batch: 41542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41609

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.7	49.5		mg/Kg		100	90 - 110		

QC Association Summary

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

GC VOA

Prep Batch: 41539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-1	BS26-01 0.5'	Total/NA	Solid	5030C	
885-41486-2	BS26-02 0.5'	Total/NA	Solid	5030C	
885-41486-3	BS26-03 0.5'	Total/NA	Solid	5030C	
885-41486-4	BS26-04 0.5'	Total/NA	Solid	5030C	
885-41486-5	BS26-05 0.25'	Total/NA	Solid	5030C	
885-41486-6	WS26-01 0-0.5'	Total/NA	Solid	5030C	
885-41486-7	WS26-02 0-0.5'	Total/NA	Solid	5030C	
MB 885-41539/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41539/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41539/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 41933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-1	BS26-01 0.5'	Total/NA	Solid	8015M/D	41539
885-41486-2	BS26-02 0.5'	Total/NA	Solid	8015M/D	41539
885-41486-3	BS26-03 0.5'	Total/NA	Solid	8015M/D	41539
885-41486-4	BS26-04 0.5'	Total/NA	Solid	8015M/D	41539
885-41486-5	BS26-05 0.25'	Total/NA	Solid	8015M/D	41539
885-41486-6	WS26-01 0-0.5'	Total/NA	Solid	8015M/D	41539
885-41486-7	WS26-02 0-0.5'	Total/NA	Solid	8015M/D	41539
MB 885-41539/1-A	Method Blank	Total/NA	Solid	8015M/D	41539
LCS 885-41539/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41539

Analysis Batch: 41934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-1	BS26-01 0.5'	Total/NA	Solid	8021B	41539
885-41486-2	BS26-02 0.5'	Total/NA	Solid	8021B	41539
885-41486-3	BS26-03 0.5'	Total/NA	Solid	8021B	41539
885-41486-4	BS26-04 0.5'	Total/NA	Solid	8021B	41539
885-41486-5	BS26-05 0.25'	Total/NA	Solid	8021B	41539
885-41486-6	WS26-01 0-0.5'	Total/NA	Solid	8021B	41539
885-41486-7	WS26-02 0-0.5'	Total/NA	Solid	8021B	41539
MB 885-41539/1-A	Method Blank	Total/NA	Solid	8021B	41539
LCS 885-41539/3-A	Lab Control Sample	Total/NA	Solid	8021B	41539

GC Semi VOA

Analysis Batch: 41519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-1	BS26-01 0.5'	Total/NA	Solid	8015M/D	41558
MB 885-41558/1-A	Method Blank	Total/NA	Solid	8015M/D	41558
LCS 885-41558/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41558

Analysis Batch: 41521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-2	BS26-02 0.5'	Total/NA	Solid	8015M/D	41558
885-41486-3	BS26-03 0.5'	Total/NA	Solid	8015M/D	41558
885-41486-4	BS26-04 0.5'	Total/NA	Solid	8015M/D	41558
885-41486-5	BS26-05 0.25'	Total/NA	Solid	8015M/D	41558
885-41486-6	WS26-01 0-0.5'	Total/NA	Solid	8015M/D	41558
885-41486-7	WS26-02 0-0.5'	Total/NA	Solid	8015M/D	41558

QC Association Summary

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

GC Semi VOA

Prep Batch: 41558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-1	BS26-01 0.5'	Total/NA	Solid	SHAKE	
885-41486-2	BS26-02 0.5'	Total/NA	Solid	SHAKE	
885-41486-3	BS26-03 0.5'	Total/NA	Solid	SHAKE	
885-41486-4	BS26-04 0.5'	Total/NA	Solid	SHAKE	
885-41486-5	BS26-05 0.25'	Total/NA	Solid	SHAKE	
885-41486-6	WS26-01 0-0.5'	Total/NA	Solid	SHAKE	
885-41486-7	WS26-02 0-0.5'	Total/NA	Solid	SHAKE	
MB 885-41558/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41558/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 41542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-2	BS26-02 0.5'	Total/NA	Solid	300.0	41609
885-41486-3	BS26-03 0.5'	Total/NA	Solid	300.0	41609
885-41486-5	BS26-05 0.25'	Total/NA	Solid	300.0	41609
885-41486-7	WS26-02 0-0.5'	Total/NA	Solid	300.0	41609
MB 885-41609/1-A	Method Blank	Total/NA	Solid	300.0	41609
LCS 885-41609/2-A	Lab Control Sample	Total/NA	Solid	300.0	41609
MRL 885-41542/3	Lab Control Sample	Total/NA	Solid	300.0	

Prep Batch: 41609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-1	BS26-01 0.5'	Total/NA	Solid	300_Prep	
885-41486-2	BS26-02 0.5'	Total/NA	Solid	300_Prep	
885-41486-3	BS26-03 0.5'	Total/NA	Solid	300_Prep	
885-41486-4	BS26-04 0.5'	Total/NA	Solid	300_Prep	
885-41486-5	BS26-05 0.25'	Total/NA	Solid	300_Prep	
885-41486-6	WS26-01 0-0.5'	Total/NA	Solid	300_Prep	
885-41486-7	WS26-02 0-0.5'	Total/NA	Solid	300_Prep	
MB 885-41609/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41609/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 41684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41486-1	BS26-01 0.5'	Total/NA	Solid	300.0	41609
885-41486-4	BS26-04 0.5'	Total/NA	Solid	300.0	41609
885-41486-6	WS26-01 0-0.5'	Total/NA	Solid	300.0	41609

Lab Chronicle

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: BS26-01 0.5'
Date Collected: 01/14/26 10:30
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8015M/D		1	41933	VP	EET ALB	01/25/26 11:59
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8021B		1	41934	VP	EET ALB	01/25/26 11:59
Total/NA	Prep	SHAKE			41558	BV	EET ALB	01/19/26 15:07
Total/NA	Analysis	8015M/D		1	41519	EM	EET ALB	01/20/26 00:03
Total/NA	Prep	300_Prep			41609	EH	EET ALB	01/20/26 11:40
Total/NA	Analysis	300.0		20	41684	MA	EET ALB	01/21/26 18:17

Client Sample ID: BS26-02 0.5'
Date Collected: 01/14/26 10:35
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8015M/D		1	41933	VP	EET ALB	01/25/26 12:23
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8021B		1	41934	VP	EET ALB	01/25/26 12:23
Total/NA	Prep	SHAKE			41558	BV	EET ALB	01/19/26 15:07
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 18:37
Total/NA	Prep	300_Prep			41609	EH	EET ALB	01/20/26 11:40
Total/NA	Analysis	300.0		10	41542	EH	EET ALB	01/20/26 23:52

Client Sample ID: BS26-03 0.5'
Date Collected: 01/14/26 10:45
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8015M/D		1	41933	VP	EET ALB	01/25/26 12:46
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8021B		1	41934	VP	EET ALB	01/25/26 12:46
Total/NA	Prep	SHAKE			41558	BV	EET ALB	01/19/26 15:07
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 19:00
Total/NA	Prep	300_Prep			41609	EH	EET ALB	01/20/26 11:40
Total/NA	Analysis	300.0		10	41542	EH	EET ALB	01/21/26 00:02

Client Sample ID: BS26-04 0.5'
Date Collected: 01/14/26 11:00
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8015M/D		1	41933	VP	EET ALB	01/25/26 13:33

Lab Chronicle

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: BS26-04 0.5'
Lab Sample ID: 885-41486-4
Date Collected: 01/14/26 11:00
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8021B		1	41934	VP	EET ALB	01/25/26 13:33
Total/NA	Prep	SHAKE			41558	BV	EET ALB	01/19/26 15:07
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 19:23
Total/NA	Prep	300_Prep			41609	EH	EET ALB	01/20/26 11:40
Total/NA	Analysis	300.0		20	41684	MA	EET ALB	01/21/26 18:27

Client Sample ID: BS26-05 0.25'
Lab Sample ID: 885-41486-5
Date Collected: 01/14/26 11:05
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8015M/D		1	41933	VP	EET ALB	01/25/26 13:57
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8021B		1	41934	VP	EET ALB	01/25/26 13:57
Total/NA	Prep	SHAKE			41558	BV	EET ALB	01/19/26 15:07
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 19:46
Total/NA	Prep	300_Prep			41609	EH	EET ALB	01/20/26 11:40
Total/NA	Analysis	300.0		10	41542	EH	EET ALB	01/21/26 00:24

Client Sample ID: WS26-01 0-0.5'
Lab Sample ID: 885-41486-6
Date Collected: 01/14/26 11:10
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8015M/D		1	41933	VP	EET ALB	01/25/26 14:20
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8021B		1	41934	VP	EET ALB	01/25/26 14:20
Total/NA	Prep	SHAKE			41558	BV	EET ALB	01/19/26 15:07
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 20:09
Total/NA	Prep	300_Prep			41609	EH	EET ALB	01/20/26 11:40
Total/NA	Analysis	300.0		20	41684	MA	EET ALB	01/21/26 18:38

Client Sample ID: WS26-02 0-0.5'
Lab Sample ID: 885-41486-7
Date Collected: 01/14/26 11:15
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8015M/D		1	41933	VP	EET ALB	01/25/26 14:43
Total/NA	Prep	5030C			41539	AT	EET ALB	01/19/26 11:30
Total/NA	Analysis	8021B		1	41934	VP	EET ALB	01/25/26 14:43

Lab Chronicle

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Client Sample ID: WS26-02 0-0.5'

Date Collected: 01/14/26 11:15
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41486-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41558	BV	EET ALB	01/19/26 15:07
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 20:32
Total/NA	Prep	300_Prep			41609	EH	EET ALB	01/20/26 11:40
Total/NA	Analysis	300.0		10	41542	EH	EET ALB	01/21/26 00:46

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Aleutian 10 CTB 2

Job ID: 885-41486-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

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	02-25-26

Chain of Custody Record

Client:	Vertex (bill to Devon Energy)
Mailing Address:	3101 Boyd Dr Carlsbad, New Mexico 88220
Phone #:	575.725.5001
email or Fax#:	
QA/QC Package:	☐ Standard ☐ Level 4 (Full Validation)
Accreditation:	☐ Az Compliance ☐ NELAC ☐ Other_____
☐ EDD (Type)	_____

Standard TAT

Project Name:	**Aleutian 10 CTB 2**
Project #:	**25A-05838**
Project Manager:	**Sally Carttar**
	SCarttar@vertexresource.com
Sampler:	Ethan Phillips
On Ice:	☐ Yes ☐ No
# of Coolers:	
Cooler Temp(including CF):	

HALL E
ANALY
www.halle
4901 Hawkins NE - A
Tel. 505-345-3975

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, Br, NO3, NO2, PO4, SO4
1.14.26	10:30	Soil	BS26-01 at 0.5ft	1, 4oz jar	ICE		X	X					X
1.14.26	10:35	Soil	BS26-02 at 0.5ft	1, 4oz jar	ICE		X	X					X
1.14.26	10:45	Soil	BS26-03 at 0.5ft	1, 4oz jar	ICE		X	X					X
1.14.26	11:00	Soil	BS26-04 at 0.5ft	1, 4oz jar	ICE		X	X					X
1.14.26	11:05	Soil	BS26-05 at 0.5ft	1, 4oz jar	ICE		X	X					X
1.14.26	11:10	Soil	WS26-01 at 0-0.5ft	1, 4oz jar	ICE		X	X					X
1.14.26	11:15	Soil	WS26-02 at 0-0.5ft	1, 4oz jar	ICE								

Date:	Time:	Relinquished by: Sharon Minnix	Received by:	Via:	Date	Time
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Direct Bill to Devo
Sally Carttar (Scarttar@vert
Permian@vertexresource.co
(Sminnix@vertexresource.c

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-41486-1

Login Number: 41486 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 2/4/2026 5:42:48 PM

JOB DESCRIPTION

Aleutian 10 CTB2

JOB NUMBER

885-42242-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
2/4/2026 5:42:48 PM

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

Client: Vertex
Project/Site: Aleutian 10 CTB2

Laboratory Job ID: 885-42242-1

Table of Contents

Definitions/Glossary

Client: Vertex Job ID: 885-42242-1
Project/Site: Aleutian 10 CTB2

Qualifiers

HPLC/IC

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

Glossary

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

Case Narrative

Client: Vertex
Project: Aleutian 10 CTB2

Job ID: 885-42242-1

Job ID: 885-42242-1 Eurofins Albuquerque

Job Narrative
885-42242-1

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

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

Receipt
The sample was received on 1/30/2026 8:44 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

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

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

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

HPLC/IC
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-42456 and analytical batch 885-42447 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Client Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB2

Job ID: 885-42242-1

Client Sample ID: Backfill

Date Collected: 01/28/26 08:45
Date Received: 01/30/26 08:44

Lab Sample ID: 885-42242-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		02/02/26 13:01	02/03/26 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*02/02/26 13:01*	*02/03/26 22:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/02/26 13:01	02/03/26 22:21	1
Ethylbenzene	ND		0.047		mg/Kg		02/02/26 13:01	02/03/26 22:21	1
Toluene	ND		0.047		mg/Kg		02/02/26 13:01	02/03/26 22:21	1
Xylenes, Total	ND		0.095		mg/Kg		02/02/26 13:01	02/03/26 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*02/02/26 13:01*	*02/03/26 22:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		02/03/26 08:34	02/03/26 13:33	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/03/26 08:34	02/03/26 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*02/03/26 08:34*	*02/03/26 13:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**	**F1**	49		mg/Kg		02/03/26 11:24	02/03/26 16:25	10

QC Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB2

Job ID: 885-42242-1

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

Lab Sample ID: MB 885-42396/1-A
Matrix: Solid
Analysis Batch: 42457

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42396

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		02/02/26 13:01	02/03/26 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*02/02/26 13:01*	*02/03/26 12:57*	*1*

Lab Sample ID: LCS 885-42396/2-A
Matrix: Solid
Analysis Batch: 42457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42396

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	28.3		mg/Kg		113	70 - 130		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			*231*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-42396/1-A
Matrix: Solid
Analysis Batch: 42458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42396

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/02/26 13:01	02/03/26 12:57	1
Ethylbenzene	ND		0.050		mg/Kg		02/02/26 13:01	02/03/26 12:57	1
Toluene	ND		0.050		mg/Kg		02/02/26 13:01	02/03/26 12:57	1
Xylenes, Total	ND		0.10		mg/Kg		02/02/26 13:01	02/03/26 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*02/02/26 13:01*	*02/03/26 12:57*	*1*

Lab Sample ID: LCS 885-42396/3-A
Matrix: Solid
Analysis Batch: 42458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42396

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.08		mg/Kg		108	70 - 130		
Ethylbenzene			1.00	1.11		mg/Kg		111	70 - 130		
m-Xylene & p-Xylene			2.00	2.21		mg/Kg		111	70 - 130		
o-Xylene			1.00	1.08		mg/Kg		108	70 - 130		
Toluene			1.00	1.07		mg/Kg		107	70 - 130		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			*103*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB2

Job ID: 885-42242-1

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

Lab Sample ID: 885-42242-1 MS
Matrix: Solid
Analysis Batch: 42458

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 42396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.938	0.941		mg/Kg		100	70 - 130
Ethylbenzene	ND		0.938	0.991		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	ND		1.88	2.00		mg/Kg		107	70 - 130
o-Xylene	ND		0.938	0.981		mg/Kg		105	70 - 130
Toluene	ND		0.938	0.945		mg/Kg		101	70 - 130

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

Lab Sample ID: 885-42242-1 MSD
Matrix: Solid
Analysis Batch: 42458

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 42396

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.941	1.02		mg/Kg		108	70 - 130	8	20
Ethylbenzene	ND		0.941	1.08		mg/Kg		114	70 - 130	8	20
m-Xylene & p-Xylene	ND		1.88	2.19		mg/Kg		116	70 - 130	9	20
o-Xylene	ND		0.941	1.05		mg/Kg		111	70 - 130	7	20
Toluene	ND		0.941	1.03		mg/Kg		110	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*

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

Lab Sample ID: MB 885-42429/1-A
Matrix: Solid
Analysis Batch: 42437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42429

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		02/03/26 08:34	02/03/26 12:59	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		02/03/26 08:34	02/03/26 12:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*02/03/26 08:34*	*02/03/26 12:59*	*1*

Lab Sample ID: LCS 885-42429/2-A
Matrix: Solid
Analysis Batch: 42437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42429

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	48.0		mg/Kg		96	51 - 148

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*

QC Sample Results

Client: Vertex
Project/Site: Aleutian 10 CTB2

Job ID: 885-42242-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-42456/1-A
Matrix: Solid
Analysis Batch: 42447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42456

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		02/03/26 11:24	02/03/26 16:05	1

Lab Sample ID: LCS 885-42456/2-A
Matrix: Solid
Analysis Batch: 42447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42456

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.8	47.9		mg/Kg		96	90 - 110		

QC Association Summary

Client: Vertex
Project/Site: Aleutian 10 CTB2

Job ID: 885-42242-1

GC VOA

Prep Batch: 42396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42242-1	Backfill	Total/NA	Solid	5030C	
MB 885-42396/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-42396/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-42396/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-42242-1 MS	Backfill	Total/NA	Solid	5030C	
885-42242-1 MSD	Backfill	Total/NA	Solid	5030C	

Analysis Batch: 42457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42242-1	Backfill	Total/NA	Solid	8015M/D	42396
MB 885-42396/1-A	Method Blank	Total/NA	Solid	8015M/D	42396
LCS 885-42396/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42396

Analysis Batch: 42458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42242-1	Backfill	Total/NA	Solid	8021B	42396
MB 885-42396/1-A	Method Blank	Total/NA	Solid	8021B	42396
LCS 885-42396/3-A	Lab Control Sample	Total/NA	Solid	8021B	42396
885-42242-1 MS	Backfill	Total/NA	Solid	8021B	42396
885-42242-1 MSD	Backfill	Total/NA	Solid	8021B	42396

GC Semi VOA

Prep Batch: 42429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42242-1	Backfill	Total/NA	Solid	SHAKE	
MB 885-42429/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-42429/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 42437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42242-1	Backfill	Total/NA	Solid	8015M/D	42429
MB 885-42429/1-A	Method Blank	Total/NA	Solid	8015M/D	42429
LCS 885-42429/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42429

HPLC/IC

Analysis Batch: 42447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42242-1	Backfill	Total/NA	Solid	300.0	42456
MB 885-42456/1-A	Method Blank	Total/NA	Solid	300.0	42456
LCS 885-42456/2-A	Lab Control Sample	Total/NA	Solid	300.0	42456

Prep Batch: 42456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42242-1	Backfill	Total/NA	Solid	300_Prep	
MB 885-42456/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-42456/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Vertex
Job ID: 885-42242-1
Project/Site: Aleutian 10 CTB2

Client Sample ID: Backfill
Lab Sample ID: 885-42242-1

Date Collected: 01/28/26 08:45
Matrix: Solid

Date Received: 01/30/26 08:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42396	VP	EET ALB	02/02/26 13:01
Total/NA	Analysis	8015M/D		1	42457	AT	EET ALB	02/03/26 22:21
Total/NA	Prep	5030C			42396	VP	EET ALB	02/02/26 13:01
Total/NA	Analysis	8021B		1	42458	AT	EET ALB	02/03/26 22:21
Total/NA	Prep	SHAKE			42429	DR	EET ALB	02/03/26 08:34
Total/NA	Analysis	8015M/D		1	42437	BV	EET ALB	02/03/26 13:33
Total/NA	Prep	300_Prep			42456	JR	EET ALB	02/03/26 11:24
Total/NA	Analysis	300.0		10	42447	MA	EET ALB	02/03/26 16:25

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Job ID: 885-42242-1
Project/Site: Aleutian 10 CTB2

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	02-25-26

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	02-25-26

Chain-of-Custody Record

Client: VERTEX (BILL TO DEVON)

Mailing Address: 3101 Boyd Dr
CARLSBAD NM, 88220

Phone #:

email or Fax#:

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

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

Turn-Around Time:
☐ Standard ☒ Rush 5 DAY STANDARD

Project Name: Aleutian 10 CTB2

Project #: 25A-05838

Project Manager: SALLY CARTTAR SCARTTAR@VERTEX
KENT STALLINGS KSTALLINGS@VERTEX.CA

Sampler:

On Ice: ☒ Yes ☐ No joe

# of Coolers: 1

Cooler Temp(including CF): 5.5+0.2=5.7

eurofins | Environmen
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 871 885-42242 COC
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
1/28	8:45	Soil	BACKFILL	4oz, 1	ICE		X	X					X			

Analysis Request

Remarks: Bill TO DEVON
ATTN: JIM RALEY (JIM.RALEY@DVN.COM)
CC: SCARTTAR@VERTEX.CA, KSTALLINGS@VERTEX.CA
KATRINA.TAYLOR@VERTEX.CA

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
1/29/26	1000				1/29/26	1000
Date:	Time:	Relinquished by:	Received by:	Via: courier	Date	Time
					1/30/26	7:50

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: 885-42242-1

Login Number: 42242 **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	

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

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 556012
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2530748842**
Incident Name	**NAPP2530748842 ALEUTIAN 10 CTB 2 @ FAPP2300331384**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2300331384] ALEUTIAN 10 CTB 2**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ALEUTIAN 10 CTB 2
Date Release Discovered	11/01/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 7 BBL | Recovered: 0 BBL | Lost: 7 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Dumplne pinhole leak allowed fluids to be released to pad surface.

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 556012
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/19/2026

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 556012
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 500 and 1000 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	12000
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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	12/20/2025
On what date will (or did) the final sampling or liner inspection occur	12/31/2025
On what date will (or was) the remediation complete(d)	12/20/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	883
What is the estimated volume (in cubic yards) that will be remediated	12
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 556012
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/19/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 556012
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 556012
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**542024**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/14/2026**
What was the (estimated) number of samples that were to be gathered	**5**
What was the sampling surface area in square feet	**883**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	841
What was the total volume (cubic yards) remediated	14
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/19/2026

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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 556012

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 556012
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	3/12/2026