



26A-02881

Remediation Work Plan

Aleutian 10 CTB 2

Incident ID: nAPP2611053054

Facility Number: fAPP2300331384

BLM Lease Number: NMNM105321805

Coordinates: 32.3154437, -103.7621329

Prepared for:

Devon Energy Production Company, LP

Prepared by:

Vertex Resource Services Inc.

Date:

June 2026

Devon Energy Production Company, LP
Aleutian 10 CTB 2

Remediation Work Plan
June 2026

Remediation Work Plan
Aleutian 10 CTB 2
Incident ID: nAPP2611053054
Facility Number: fAPP2300331384
BLM Lease Number: NMNM105321805
Coordinates: 32.3154437, -103.7621329

On behalf of:
Devon Energy Production Company, LP
5315 Buena Vista Drive
Carlsbad, New Mexico 88220

Prepared for:
New Mexico Oil Conservation Division
508 West Texas Avenue
Artesia, New Mexico 88210

Prepared by:
Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, New Mexico 88220

Stephanie McCarty

Stephanie McCarty, B.Sc.
ENVIRONMENTAL SPECIALIST, REPORTING

June 1, 2026

Date

Kent Stallings

Kent Stallings, P.G.
PROJECT MANAGER, REPORT REVIEW

June 12, 2026

Date

Devon Energy Production Company, LP
Aleutian 10 CTB 2

Remediation Work Plan
June 2026

Executive Summary

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to complete an initial site assessment and Remediation Work Plan for the incident number nAPP2611053054 at Aleutian 10 CTB 2 (hereafter referred to as "site"; facility number: fAPP2300331384).

The Remediation Work Plan was developed to address incident number nAPP2611053054, which occurred on April 18, 2026, when a pinhole leak on a water dump line allowed fluids to release onto the pad. Final surface restoration will be completed per New Mexico Oil Conservation Division guidelines.

Vertex performed the initial site assessment on April 22, 2026, and identified an area of interest (AOI) on the site around the east separators. Thirteen soil sample points were obtained within the AOI and submitted for laboratory analysis of chlorides and hydrocarbons. Analytical results indicated that soils within the AOI were within Closure Criteria as defined in 19.15.29 New Mexico Administrative Code.

Approximately 1,138 square feet of soil will be excavated to a depth of 0.5 feet below ground surface to address surface contamination. The excavated volume will be approximately 21 cubic yards, to commence upon approval of the Remediation Work Plan and be completed with 90 days.

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

Table of Contents

1.0 Introduction..... 1

2.0 Background..... 1

 2.1 Access..... 1

 2.2 Site Description 1

 2.3 Cultural Resources Compliance..... 1

 2.4 Ecological Setting..... 1

 2.5 Open Environmental Incident Search..... 2

3.0 Site Evaluation 2

 3.1 Assessment of Soil Suitability 2

 3.2 Special Soil Conditions 3

 3.2.1 Area of Interest..... 3

4.0 Remediation Work Plan 3

 4.1 Area of Interest Remediation..... 3

 4.2 Final Assessment and Closure Request 3

5.0 References 4

6.0 Limitations..... 5

In-text Tables

Table 1. Closure Criteria for Soils Impacted by a Release on Pad

List of Figures

Figure 1. Characterization Sample Locations

Figure 2. Proposed Excavation Schematic

List of Tables

Table A. Initial Characterization Sample Laboratory Results (depth to groundwater > 100 feet bgs)

List of Appendices

Appendix A. Closure Criteria

Closure Criteria Determination Table

Plate 1. Soil Classification

Plate 2. Depth-to-Water

Plate 3. Watercourse

Plate 4. Lake/Pond

Plate 5. Occupied Residence, School, Hospital, Etc.

Plate 6. Livestock Well

Plate 7. Wetlands

Plate 8. Mine/Minerals

Plate 9. Karst Potential

Plate 10. Flood Hazard

10.1 Flood Zone Distance

Plate 11. Ecological

Plate 12. Geology

Appendix B. Daily Field Reports

Appendix C. Laboratory Data Reports and Chain of Custody Forms

1.0 Introduction

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to complete an initial site assessment and Remediation Work Plan for the incident number nAPP2611053054 at Aleutian 10 CTB 2 (the "site"; facility number: fAPP2300331384). The incident occurred on April 18, 2026, when a pinhole leak on a water dump line allowed fluids to release, releasing 6 barrels of produced water onto the pad. This Remediation Work Plan discusses actions conducted to date and proposes remedial activities.

2.0 Background

2.1 Access

The site is located approximately 19.5 miles west of Loving, New Mexico, on Bureau of Land Management (BLM) lands.

Lease Holder: Devon Energy Production Company, LP
BLM Lease Number: NMNM105321805
Unit Letter J. Section 10, Township 23 South, Range 231 East
County Name: Lea
Latitude, Longitude: 32.3154437, -103.7621329

The site can be accessed from the intersection of Red Road and NM 128, heading north on Red Road for 4.7 miles. Turn left onto the lease road for 1.4 miles. Turn right on the lease road for 0.1 miles to site. There are no locked gates or other access issues.

2.2 Site Description

The site is an active production pad for oil and gas operations (Figure 1). Surface and subsurface minerals are federally owned. The site is situated in a primarily flat area surrounded by sand loam plains with grassy shinnery oak shrublands. Dropseed grasses and forbs are present off the pad. The pad was predominantly devoid of vegetation.

2.3 Cultural Resources Compliance

Following a site assessment, the proposed work area is situated within the boundaries of historical disturbance from the construction of the production pad, which is not subject to the need and applicability of the Cultural Properties Protection (CPP) rule. The proposed work will remain confined within areas of historical disturbance.

2.4 Ecological Setting

The site is situated in the Chihuahuan Basins and Playas level IV 24a Ecoregion (Griffith et al., 2006). This ecoregion is characterized as having the following natural vegetation: giant dropseed, bluestems and shinnery oak.

The site is within the Kermit-Berino fine sands (Appendix A, Plate 1) and classified as "not prime farmland".

The typical Kermit-Berino soil profile consists of:

- H1 – 0 to 7 inches; fine sand
- H2 – 7 to 60 inches; fine sand

With a depth to restrictive layer at more than 80 inches.

Mean annual air temperature is between 60 and 64 °F. Mean annual precipitation is between 10 to 14 inches and the frost-free period is between 190 and 230 days.

2.5 Open Environmental Incident Search

There are no open environmental incidents associated with the site according to a New Mexico Oil Conservation Division (NMOCD) Incidents and Spill search. There are four closed incidents (APP2330623246, nAPP2423964720, nAPP2509923225, nAPP2530748842) that were addressed and resolved on May 8, 2024; October 9, 2024; May 5, 2025; and March 12, 2026, respectively.

3.0 Site Evaluation

Initial site assessment was conducted on April 22, 2026, by Vertex personnel. The production pad is intact. There is no vegetation throughout the site or present around the equipment. Staining appears within the area of interest (AOI). Documentation from the site visits is included in the daily field reports (Appendix B) and summarized below.

- Release was identified by staining around separator 704 on the east of the pad; release was documented and mapped
- Sampling was conducted within the sandy soils to delineate the release area

The site was established in 2022 and contains no pre-1996 legacy pit area of disturbance. Google Earth imagery from 2017 through 2024 shows consistent vegetative cover, aside from pad and right-of-way (RoW) construction. Evaluation of aerial photographs shows a consistent area with limited vegetative cover. The site is identified as an area of interest (AOI) and is discussed in Section 3.2 below.

3.1 Assessment of Soil Suitability

Based on Closure Criteria determination demonstrated in Appendix A and summarized in the Closure Criteria Determination Table, soils chemical concentrations (Closure Criteria per Table 1 of 19.15.29 NMAC) is defined as:

Table 1. Closure Criteria for Soils Impacted by a Release on Pad		
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

DTGW – depth to ground water

TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics

BTEX – benzene, toluene, ethylbenzene and xylenes

A monitoring well was drilled by Stewart Brothers and completed on August 6, 2014, 0.34 miles southeast of the site. The boring was drilled to a depth of 865 below ground surface (bgs). Groundwater was detected at approximately 639 bgs. The borehole log is presented in Appendix A, Plate 2.

3.2 Special Soil Conditions

One AOI was identified during the desktop review and on-site assessment. Soil sampling was conducted to investigate the AOI.

Soil samples from the AOI were collected and submitted for laboratory analysis of the constituents of concern identified in the Closure Criteria. A summary of analytical results is included in Table A. Laboratory Data Reports and Chain of Custody forms are presented in Appendix C.

3.2.1 Area of Interest

An AOI around separator 704H on the east side of the pad was identified during the desktop review and on-site assessment. Thirteen soil sample points were established and 41 soil samples were collected during the initial on-site assessment (Figure 1). Sample points BH26-05, BH26-06 and BH26-08 to BH26-11 were placed within release area. No sample points exceeded Closure Criteria for chloride, TPH, benzene and BTEX.

4.0 Remediation Work Plan

Soils at surface to 0.5 feet bgs, where impacts were greatest, will be excavated and transported to an approved disposal facility. Confirmation soil samples will be collected from the excavation bases and walls, representing an area no greater than 200 square feet, and submitted for laboratory analysis of chloride, TPH, benzene and BTEX. Caliche backfill will be sampled for constituents of concern to ensure site is backfilled with clean, non-waste containing earthen material.

The proposed remediation area is presented on Figure 2.

4.1 Area of Interest Remediation

Vertical delineation below 600 mg/kg chloride was not achieved at BH26-10. The site is situated where depth to groundwater is greater than 100 feet bgs and does not pose an imminent risk to human health, the environment or groundwater. No samples exceeded Closure Criteria.

Soils from surface to 0.5 feet bgs will be excavated from the separator area. Due to the location where the release area is situated, excavation will consist primarily of hand digging between separators and pipelines. Areas that are accessible will be excavated with mechanical equipment. Excavation is estimated to be approximately 1,138 square feet within the AOI; 21 cubic yards of material removed.

4.2 Final Assessment and Closure Request

Upon laboratory confirmation, the excavation area will be backfilled with stockpiled caliche. After remedial activities have been completed, a Remediation Closure Report will be completed and submitted to NMOCD. The report will provide a summary of remedial work performed, site photographs and suggested corrective actions if applicable within 90 days from work plan approval.

5.0 References

- Google Inc. (2026). *Google Earth Pro (Version 7.3.3)* [Software]. Retrieved from <https://earth.google.com>.
- Griffith, G.E., Omernik, J.M., McGraw, M.M., Jacobi, G.Z., Canavan, C.M., Schrader, T.S., Mercer, D., Hill, R., and Moran, B.C. (2006). *Ecoregions of New Mexico*. Retrieved from: <https://www.epa.gov/eco-research/ecoregion-download-files-state-region-6#pane-29>.
- Natural Resources Conservation Service. (2012, Reprint 2021). *Field Book for Describing and Sampling Soils Version 3.0*. National Soil Survey Center: Natural Resources Conservation Service. U.S. Department of Agriculture. Pg. 2-89. Retrieved from: <https://www.nrcs.usda.gov/sites/default/files/2022-09/field-book.pdf>.
- New Mexico Bureau of Geology and Mineral Resources. (2026). *Interactive Geologic Map*. Retrieved from <https://maps.nmt.edu/>.
- New Mexico Office of the State Engineer. (2026). *Well Log/Meter Information Report - New Mexico Water Rights Reporting System*. Retrieved from: <http://nmwrrs.ose.state.nm.us/nmwrrs/meterReport.html>
- New Mexico Oil Conservation Division. (2018). *New Mexico Administrative Code – Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.
- United States Department of Agriculture, Natural Resources Conservation Service. (2024). *Web Soil Survey*. Retrieved from: <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>.
- United States Department of Homeland Security, Federal Emergency Management Agency. (2026). *FEMA Flood Map Service: Search by Address*. Retrieved from: <https://msc.fema.gov/portal/search?AddressQuery=malaga%20new%20mexico#searchresultsanchor>.
- United States Department of the Interior, Bureau of Land Management. (2018). *New Mexico Cave/Karst*. Retrieved from: https://www.nm.blm.gov/shapeFiles/cfo/carlsbad_spatial_data.html.
- United States Fish and Wildlife Service, Ecological Services Program. (2026). *IPaC: Information for Planning and Consultation*. Retrieved from: <https://ipac.ecosphere.fws.gov/location/index>.
- United States Geological Survey. (2026). *National Water Information System: Web Interface*. Retrieved from: <https://waterdata.usgs.gov/nwis>.

6.0 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



Map Center:
Lat/Long: 32.315157°N, 103.761978°W
0 15 30 f
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet



Date:
05/21/ 2026

Characterization Sample Locations
Aleutian 10 CTB 2-nAPP2611053054

FIGURE:

1



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

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



Map Center:
Lat/Long: 32.315126°N, 103.761971°W
0 15 30 f
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet



Date:
05/21/ 2026

Proposed Excavation Schematic
Aleutian 10 CTB 2-nAPP2611053054

FIGURE:

2



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

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.

TABLES

Client Name: Devon Energy Production Company, LP
 Site Name: Aleutian 10 CTB 2
 NMOCD Tracking #: nAPP2611053054
 Project #: 26A-02881
 Lab Report: 885-48763

Table A. Initial Characterization Sample Laboratory Results													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (petroFlag)	Chloride Concentration	Volatile		Extractable					Chloride Concentration
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Depth to Groundwater > 100 feet bgs													
BH25-01	0	April 30, 2026	—	59	178	ND	ND	ND	ND	ND	ND	ND	74
	2	April 30, 2026	—	15	45	ND	ND	ND	ND	ND	ND	ND	ND
BH25-02	0	April 30, 2026	—	55	220	ND	ND	ND	ND	ND	ND	ND	ND
	2	April 30, 2026	—	36	53	ND	ND	ND	ND	ND	ND	ND	ND
BH25-03	0	April 30, 2026	—	27	178	ND	ND	ND	ND	ND	ND	ND	85
	2	April 30, 2026	—	16	35	ND	ND	ND	ND	ND	ND	ND	ND
BH25-04	0	May 1, 2026	—	20	158	ND	ND	ND	ND	ND	ND	ND	93
	2	May 1, 2026	—	17	108	ND	ND	ND	ND	ND	ND	ND	ND
BH25-05	0	May 1, 2026	—	—	7,995	—	—	—	—	—	—	—	—
	2	May 1, 2026	—	—	180	—	—	—	—	—	—	—	—
BH25-06	0	May 1, 2026	—	—	15,670	—	—	—	—	—	—	—	—
	2	May 1, 2026	—	—	180	—	—	—	—	—	—	—	—
BH25-07	0	May 2, 2026	—	25	253	ND	ND	ND	ND	ND	ND	ND	150
	2	May 2, 2026	—	32	273	ND	ND	ND	ND	ND	ND	ND	ND
BH25-08	0	April 29, 2026	—	—	11,585	ND	ND	ND	20	ND	20	20	7,500
	1	April 29, 2026	—	36	1,095	ND	ND	ND	ND	ND	ND	ND	1,200
	2	April 29, 2026	—	61	450	ND	ND	ND	ND	ND	ND	ND	310
	3	April 29, 2026	—	—	50	—	—	—	—	—	—	—	—
BH25-09	0	April 29, 2026	—	—	14,245	ND	ND	ND	59	ND	59	59	9,300
	2	April 29, 2026	—	—	2,695	—	—	—	—	—	—	—	—
	3	April 29, 2026	—	—	2,538	—	—	—	—	—	—	—	—
	4	April 29, 2026	—	—	1,815	—	—	—	—	—	—	—	—
	5	April 29, 2026	—	—	2,668	—	—	—	—	—	—	—	—
	6	April 30, 2026	—	—	1,693	ND	ND	ND	ND	ND	ND	ND	1,900
	7	April 30, 2026	—	29	443	ND	ND	ND	ND	ND	ND	ND	75
BH25-10	0	April 29, 2026	—	—	12,890	ND	ND	ND	16	ND	16	16	9,600
	2	April 29, 2026	—	—	3,205	—	—	—	—	—	—	—	—
	3	April 29, 2026	—	—	3,450	—	—	—	—	—	—	—	—
	4	April 29, 2026	—	—	3,698	—	—	—	—	—	—	—	—
	5	April 29, 2026	—	—	7,853	—	—	—	—	—	—	—	—
	6	April 30, 2026	—	—	8,343	—	—	—	—	—	—	—	—
	7	April 30, 2026	—	—	3,738	—	—	—	—	—	—	—	—
	8	April 30, 2026	—	—	3,208	—	—	—	—	—	—	—	—
	9	April 30, 2026	—	96	3,355	ND	ND	ND	ND	ND	ND	ND	3,300
BH25-11	0	April 29, 2026	—	—	14,475	ND	ND	14	310	190	324	514	9,300
	2	April 29, 2026	—	—	4,025	—	—	—	—	—	—	—	—
	3	April 29, 2026	—	52	3,613	ND	ND	ND	ND	ND	ND	ND	3,300
BH25-12	0	May 1, 2026	—	49	420	ND	ND	ND	ND	ND	ND	ND	240
	2	May 1, 2026	—	14	80	ND	ND	ND	ND	ND	ND	ND	ND
BH25-13	0	May 2, 2026	—	19	108	ND	ND	ND	ND	ND	ND	ND	52
	2	May 2, 2026	—	26	130	ND	ND	ND	ND	ND	ND	ND	120

"ND" Not Detected at the Reporting Limit

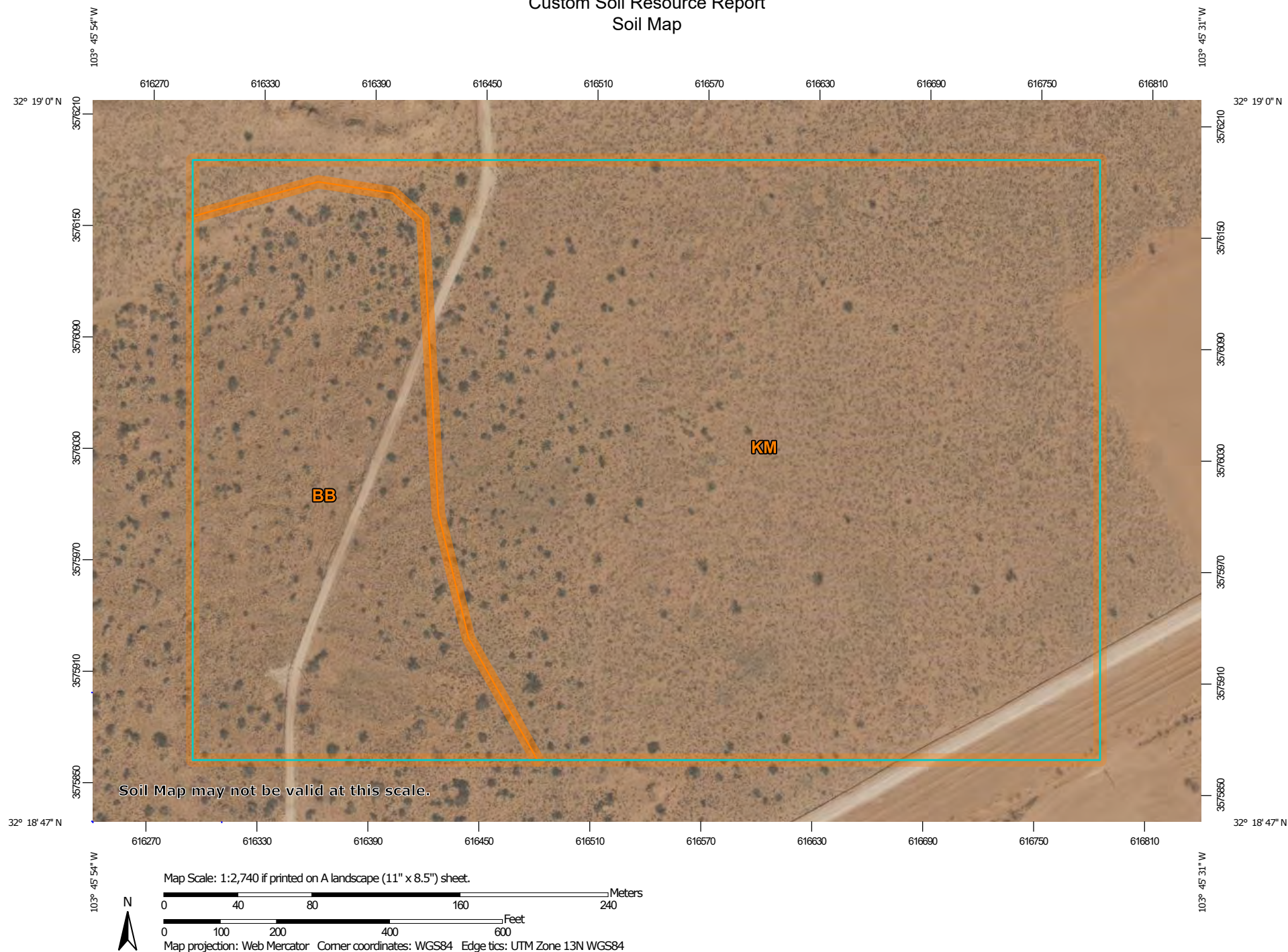
"—" indicates not analyzed/assessed

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

APPENDIX A. CLOSURE CRITERIA

Closure Criteria Determination Table			
Site Name: Aleutian 10 CTB 2			
Spill Coordinates: 32.3154437, -103.7621329		X: 616536	Y: 3576031
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	639	feet
	Distance between release and nearest DTGW reference	1,887	feet
		0.36	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	4,617	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	40,145	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'

PLATE 1

Custom Soil Resource Report
Soil Map

Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 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.

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	10.5	26.8%
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	28.8	73.2%
Totals for Area of Interest		39.3	100.0%

Map Unit Descriptions

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

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

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

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

Custom Soil Resource Report

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Custom Soil Resource Report

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

Custom Soil Resource Report

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

Custom Soil Resource Report

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

Custom Soil Resource Report

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

References

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

PLATE 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

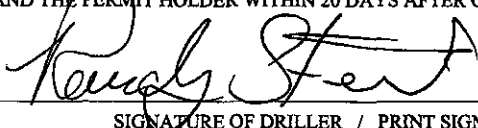
www.osc.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) C-3749 POD 1 (H12R)			OSE FILE NUMBER(S) C-3749 POD 1			
	WELL OWNER NAME(S) US Dept of Energy			PHONE (OPTIONAL) 575-234-7488			
	WELL OWNER MAILING ADDRESS POB 3090			CITY STATE ZIP Carlsbad NM 88221-3090			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 18	SECONDS 42.0588 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE -103	45	26.7078 W			
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 NM 331		NAME OF LICENSED DRILLER Randy Stewart		NAME OF WELL DRILLING COMPANY Stewart Brothers		
	DRILLING STARTED 7/10/14	DRILLING ENDED 8/6/14	DEPTH OF COMPLETED WELL (FT) 865	BORE HOLE DEPTH (FT) 865	DEPTH WATER FIRST ENCOUNTERED (FT)		
	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)		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)
	FROM	TO					
	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)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	FROM	TO					
	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	

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	235.32E.07	
		PAGE 1 OF 2

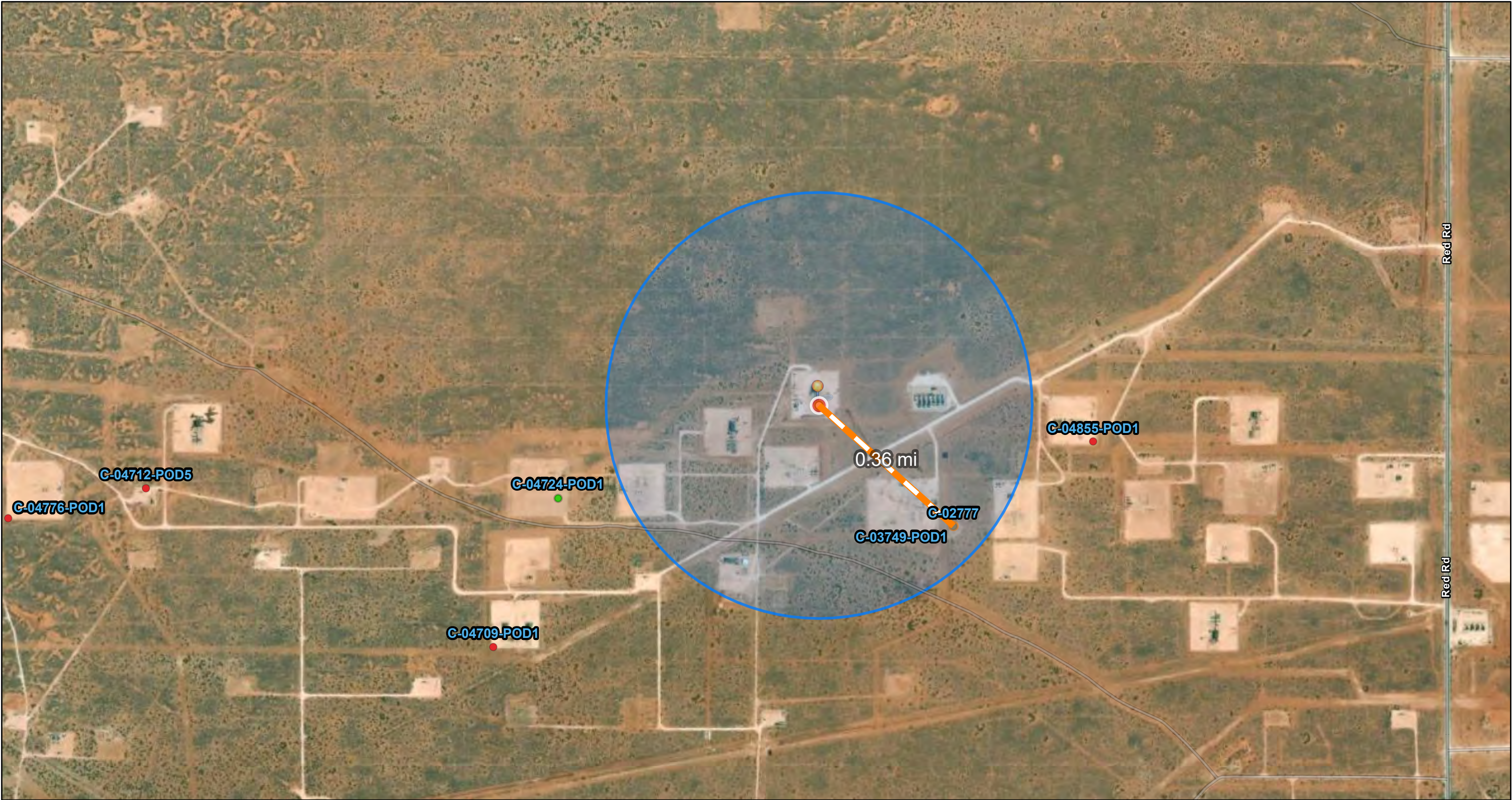
4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	1	12	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	
					☐ Y ☐ N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP					TOTAL ESTIMATED WELL YIELD (gpm): 5	
☒ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:						
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					
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:					
	  8/30/14 SIGNATURE OF DRILLER / PRINT SIGNED 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

OSE POD 0.5 miles



4/25/2026, 8:45:34 AM

1:14,246

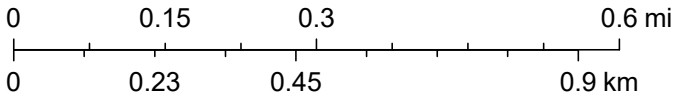
GIS WATERS PODs

- Active
- Pending
- Plugged



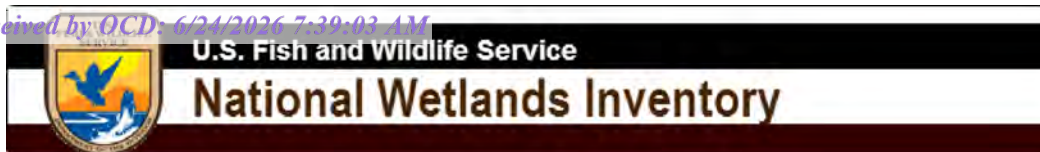
- Unknown
- World Imagery
- Low Resolution 15m Imagery

- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations



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

PLATE 3



Intermittent 4,640 Feet



April 25, 2026

Wetlands

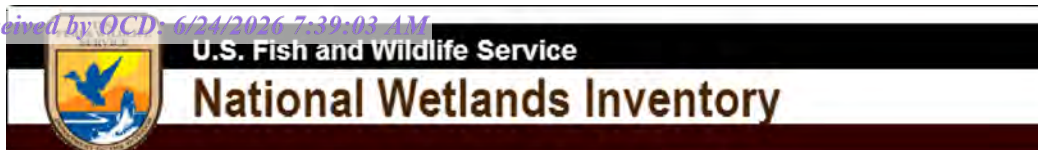
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- 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.

PLATE 4



Pond 6,930 feet



April 25, 2026

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.

PLATE 5

Aleutian 10 CTB2

15,366 feet to nearest residence

Legend

-  15,366 feet
-  Residence

Residence

Nortanita

32.3154437, -103.762132

128

Google Earth



1 mi

PLATE 6

OSE POD



04/25/2026, 9236:30 AM

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

1:18,083

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

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



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

								(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	Tw	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	

			(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 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	JIMMYMILLS 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

			(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 04200	CUB	EXP	0.000	JIMMYMILLS 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	JIMMYMILLS GST TRUST	ED	C 04200 POD5	NA					SE	SE	06	23S	31E	612138.8	3577393.1		4,603.3
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	STACYMILLS	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	JIMMYMILLS 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 TMILLS 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

Filters Applied:

UTM Filters (in meters):

Easting: 616536
Northing: 3576031
Radius: 005000

Sorted By: Distance

* UTM location was derived from PLSS - see Help

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

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:

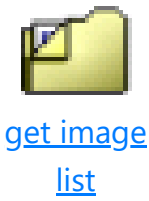
Casing Size:5.50

Depth Well:890

Depth Water:

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

Water Right Summary



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-f

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
 _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
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:

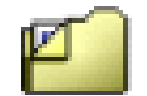
Top	Bottom	Description
240	265	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
152	304

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

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-ft)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
_get images	469289	72121	2007-11-15	PMT	LOG	C 03351	T		3.000

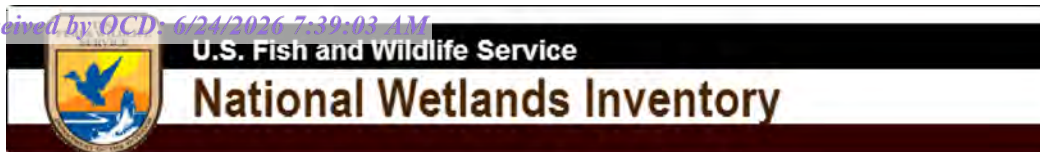
Current Points of Diversion

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		

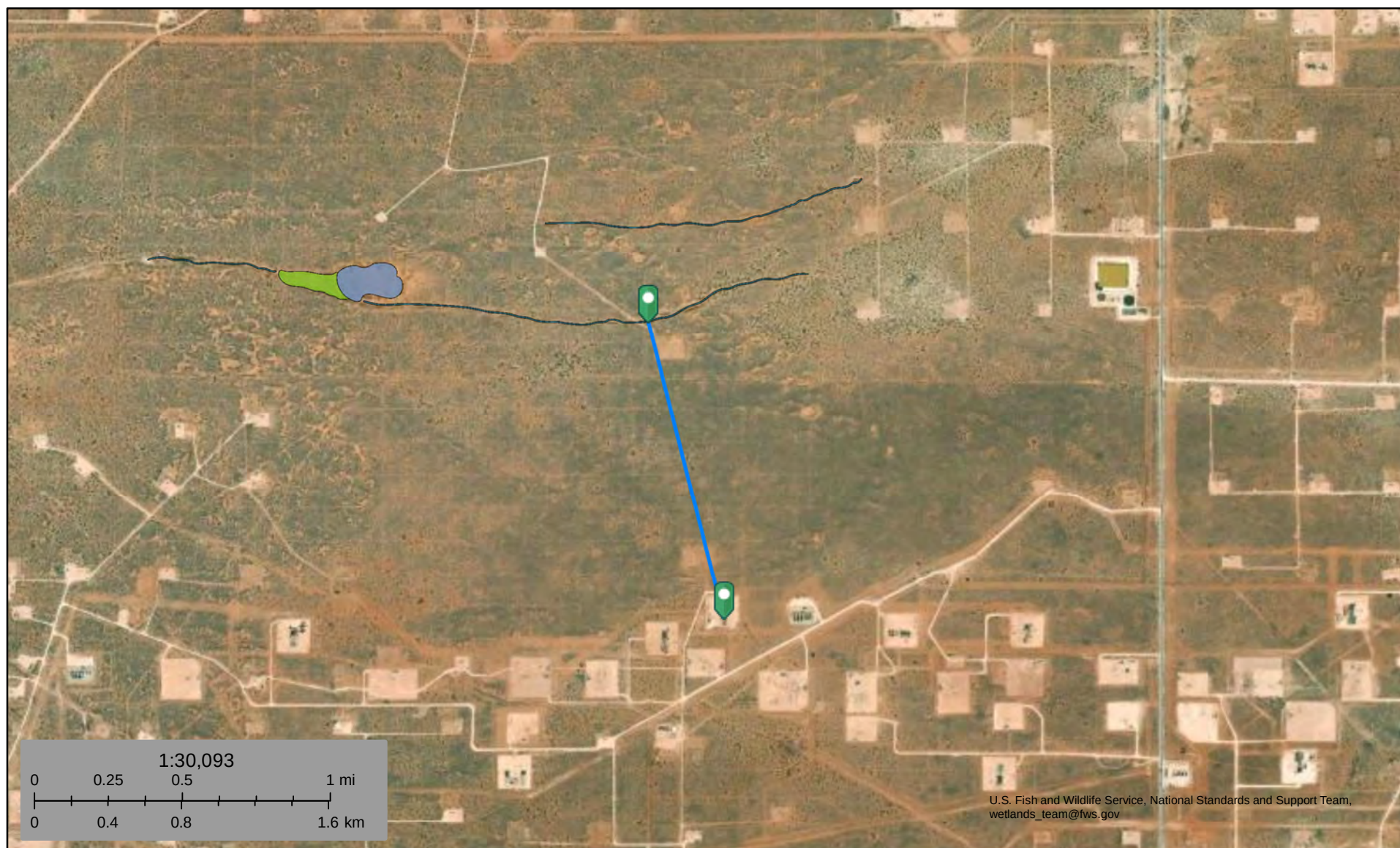
* UTM location was derived from PLSS - see Help

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

PLATE 7



Wetland Riverine - 4,617 ft



April 25, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

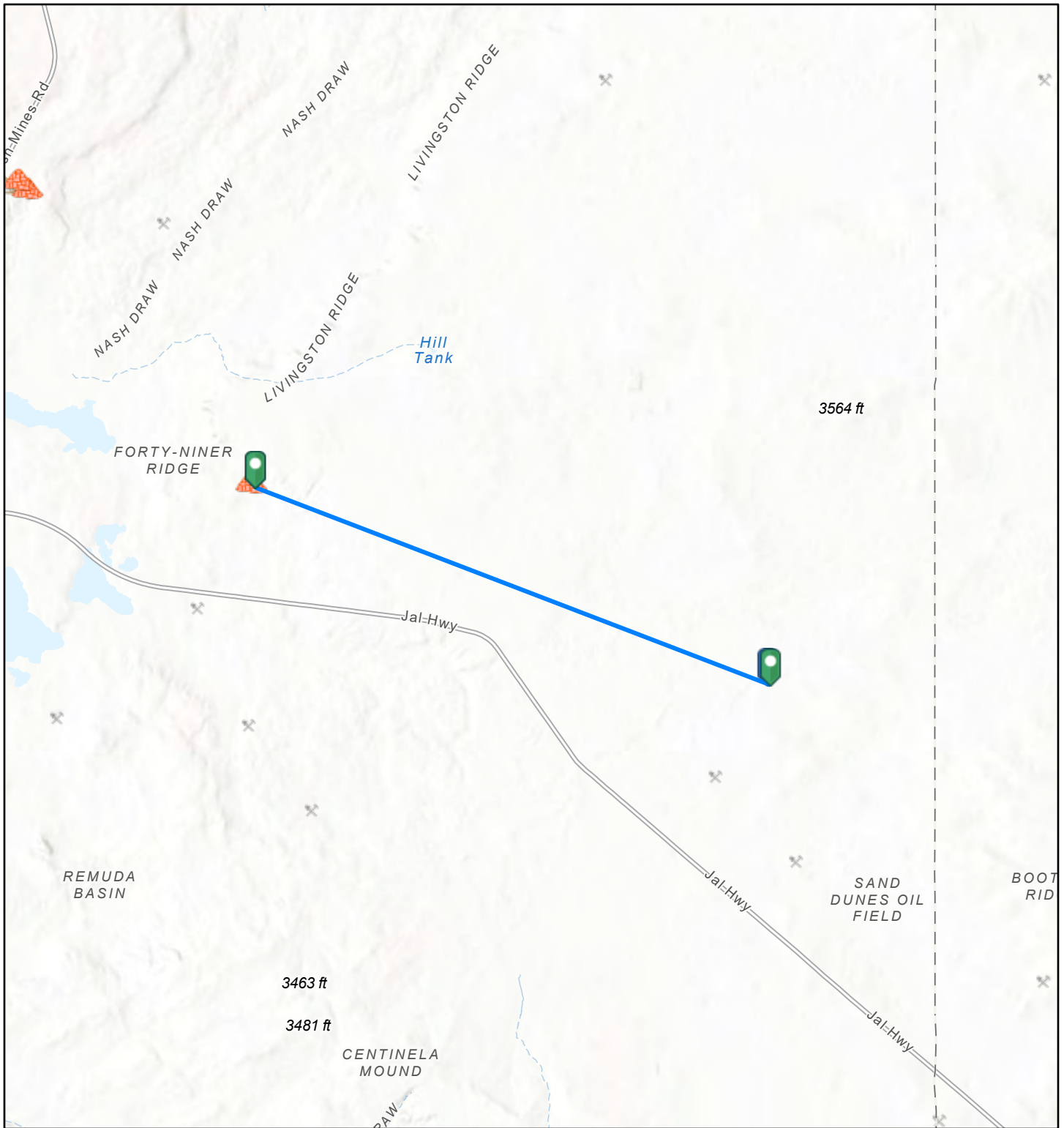
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- 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.

PLATE 8

Potash - 40,145 ft



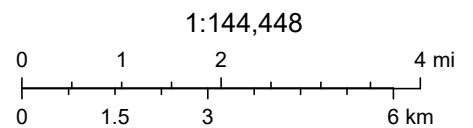
4/25/2026, 9:45:21 AM

Registered Mines

- Aggregate, Stone etc.
- Aggregate, Stone etc.



Potash
Salt



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

PLATE 9

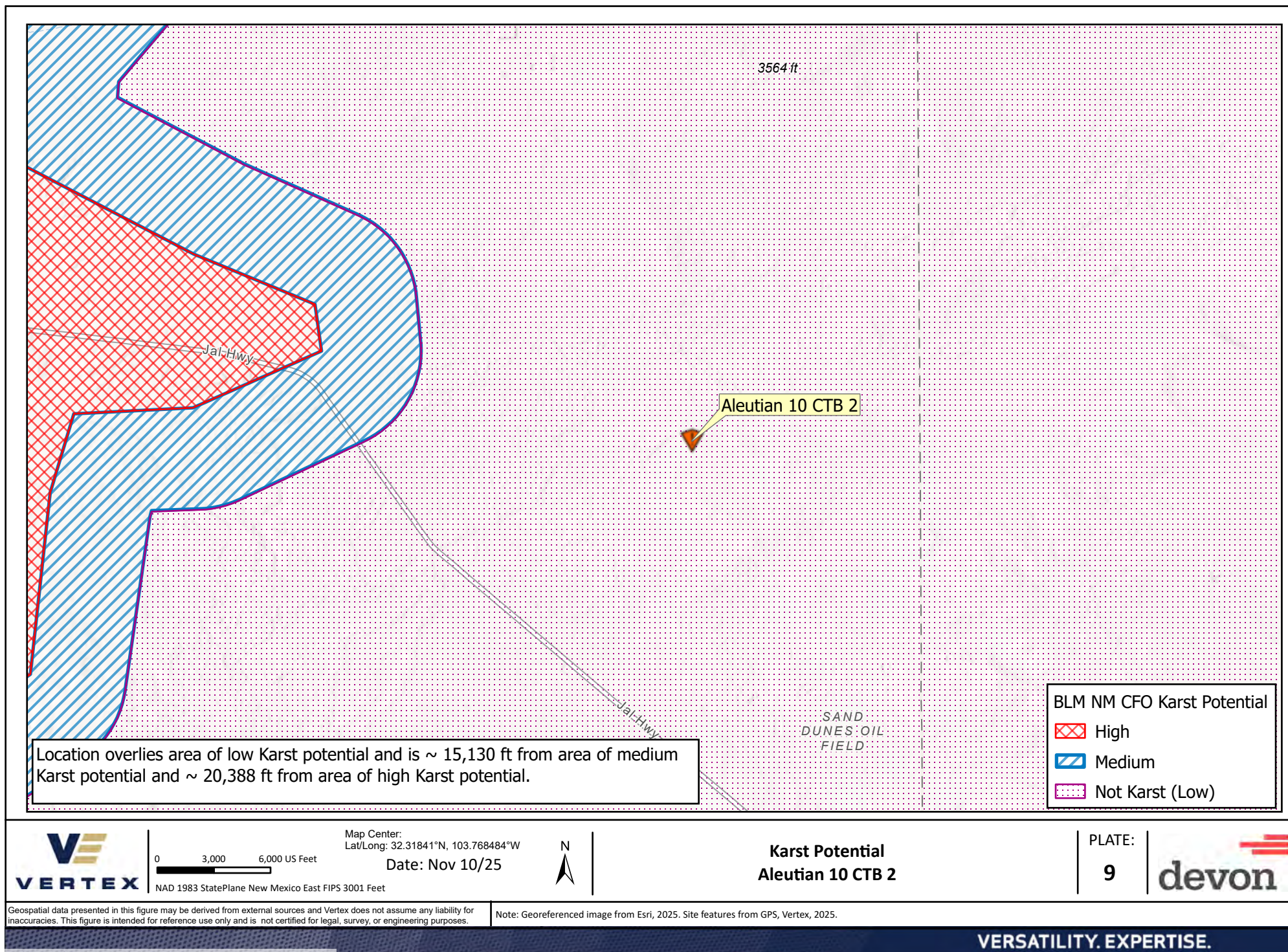


PLATE 10

National Flood Hazard Layer FIRMette



103°46'2"W 32°19'11"N



1:6,000

103°45'25"W 32°18'40"N

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

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

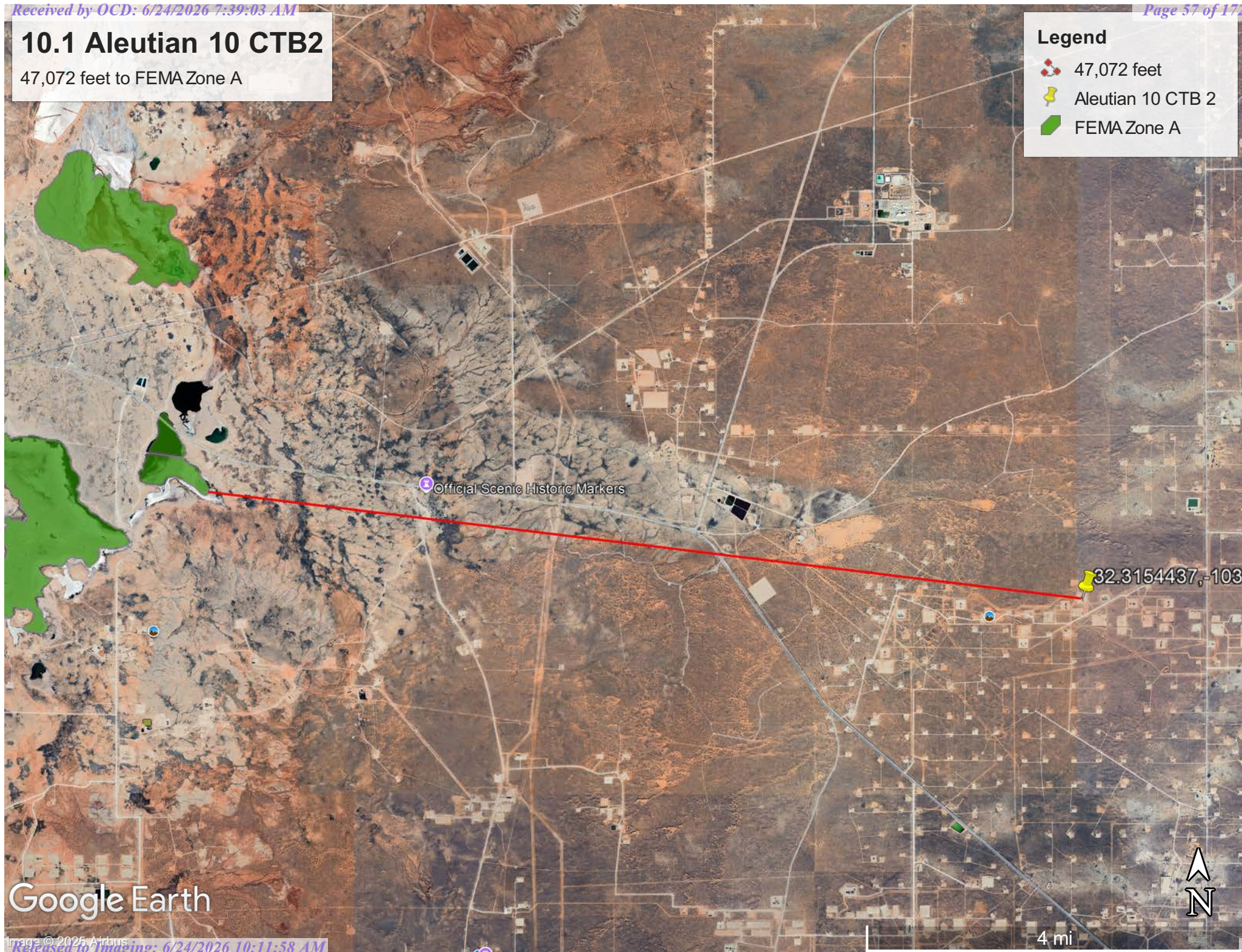
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

10.1 Aleutian 10 CTB2

47,072 feet to FEMA Zone A

Legend

-  47,072 feet
-  Aleutian 10 CTB 2
-  FEMA Zone A



Google Earth

PLATE 11



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%

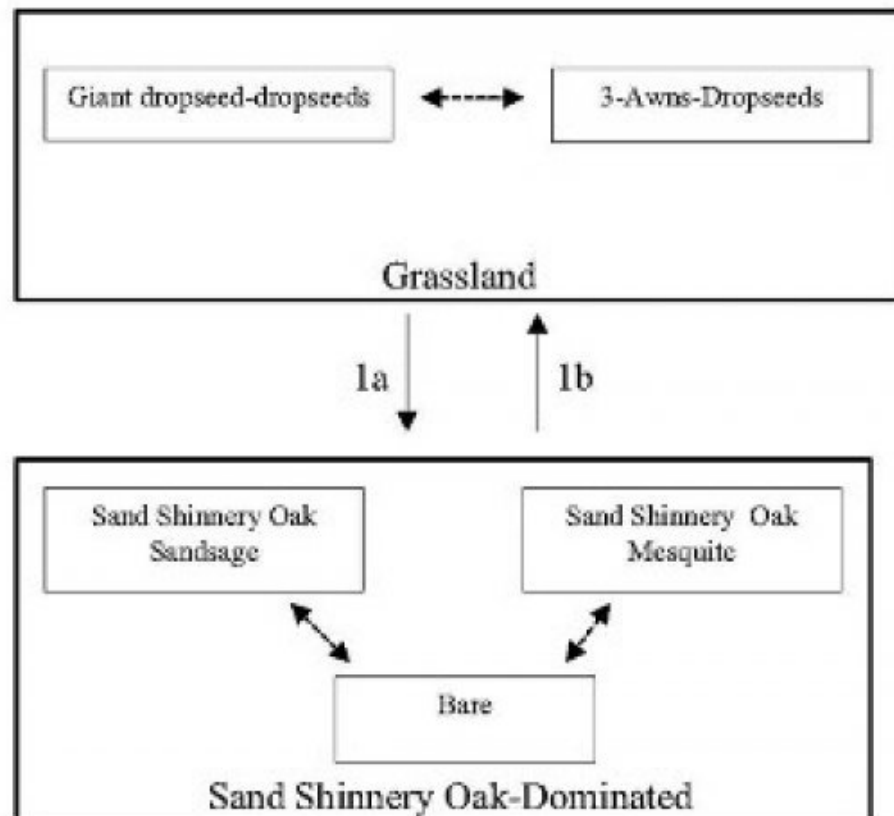
Ecological dynamics

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)**MLRA-42, SD-3, Deep Sand**

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	<i>Sporobolus contractus</i>	450–585	–
	sand dropseed	SPCR	<i>Sporobolus cryptandrus</i>	450–585	–
	mesa dropseed	SPFL2	<i>Sporobolus flexuosus</i>	450–585	–

	giant dropseed	SPGI	<i>Sporobolus giganteus</i>	450–585	–
2	Warm Season			65–104	
	sand bluestem	ANHA	<i>Andropogon hallii</i>	65–104	–
	little bluestem	SCSC	<i>Schizachyrium scoparium</i>	65–104	–
3	Warm Season			39–91	
	threeawn	ARIST	<i>Aristida</i>	39–91	–
4	Warm Season			13–39	
	thin paspalum	PASE5	<i>Paspalum setaceum</i>	13–39	–
5	Warm Season			13–39	
	black grama	BOER4	<i>Bouteloua eriopoda</i>	13–39	–
6	Warm Season			13–39	
	mat sandbur	CELO3	<i>Cenchrus longispinus</i>	13–39	–
7	Warm Season			13–39	
	Havard's panicgrass	PAHA2	<i>Panicum havardii</i>	13–39	–
8	Warm Season			13–65	
	plains bristlegrass	SEVU2	<i>Setaria vulpiseta</i>	13–65	–
9	Other Annual Grasses			13–65	
	Grass, annual	2GA	<i>Grass, annual</i>	13–65	–
Shrub/Vine					
10	Shrub			65–130	
	Havard oak	QUHA3	<i>Quercus havardii</i>	65–130	–
11	Shrub			13–39	
	sand sagebrush	ARFI2	<i>Artemisia filifolia</i>	13–39	–
12	Shrub			65–130	
	yucca	YUCCA	<i>Yucca</i>	65–130	–
13	Shrub			13–39	
	rabbitbrush	CHRY9	<i>Chrysothamnus</i>	13–39	–
14	Other Shrubs			13–39	
	Shrub (>.5m)	2SHRUB	<i>Shrub (>.5m)</i>	13–39	–
Forb					
15	Forb			39–91	
	croton	CROTO	<i>Croton</i>	39–91	–
	Indian blanket	GAPU	<i>Gaillardia pulchella</i>	39–91	–

16	Forb			39–91	
	aster	ASTER	<i>Aster</i>	39–91	–
	whitest evening primrose	OEAL	<i>Oenothera albicaulis</i>	39–91	–
	beardtongue	PENST	<i>Penstemon</i>	39–91	–
17	Forb			39–91	
	touristplant	DIWI2	<i>Dimorphocarpa wislizeni</i>	39–91	–
	buckwheat	ERIOG	<i>Eriogonum</i>	39–91	–
	sunflower	HELIA3	<i>Helianthus</i>	39–91	–
	spiny false fiddleleaf	HYSP	<i>Hydrolea spinosa</i>	39–91	–
	threadleaf ragwort	SEFLF	<i>Senecio flaccidus</i> var. <i>flaccidus</i>	39–91	–
18	Other Forbs			13–65	
	Forb (herbaceous, not grass nor grass-like)	2FORB	<i>Forb (herbaceous, not grass nor grass-like)</i>	13–65	–

Animal community

This site provides habitat which supports a resident animal population characterized by pronghorn, antelope, black-tailed jackrabbit, spotted ground squirrel, Ord's kangaroo rat, northern grasshopper mouse, southern plains woodrat, badger, meadowlark, roadrunner, white-necked raven, cactus wren, lesser prairie chicken, morning dove, scaled quail, Harris hawk, side blotched lizard, marbled whiptail, Texas horned lizard, western diamondback rattlesnake and ornate box turtle. In the area called Mescalero Sands, there are white-tailed and mule deer.

Hydrological functions

The runoff curve numbers are determined by field investigations using hydraulic cover conditions and hydrologic soil groups.

Hydrologic Interpretations

Soil Series Hydrologic Group

Anthony B

Bluepoint A

Kermit A

Aguena A

Likes A

Pintura A

Recreational uses

This site offers limited recreation potential for hiking, horseback riding, nature observation

and photography; game bird, predator, antelope, and deer hunting.

Wood products

This site has no potential for wood products.

Other products

This site is suitable for grazing by all kinds and classes of livestock during all seasons of the year. Shinnery oak is toxic in the late bud or early leaf stage. Shinnery oak will increase, as will sand sagebrush following drought. Changes in the fire return interval have also favored an increase in shrub cover. The dropseeds and bluestem will decrease. This site responds very well to brush management and deferment. This site is well suited to a grazing system that rotates the season of use. Nesting habitat for lesser prairie chicken can be improved by providing residual cover that is at least 14 inches high.

Other information

Guide to Suggested Initial Stocking Rate Acres per Animal Unit Month

Similarity Index Ac/AUM

100 - 76 2.0 – 3.8

75 – 51 3.0 – 6.0

50 – 26 5.0 – 10.0

25 – 0 10.1 +

Inventory data references

Other References:

Data collection for this site was done in conjunction with the progressive soil surveys within the Southern Desertic Basins, Plains and Mountains, Major Land Resource Areas of New Mexico. This site has been mapped and correlated with soils in the following soil surveys. Eddy County, Lea County, and Chaves County.

Other references

Literature Cited

Davis, Joseph H., III and Bonham, Charles D. 1979. Interference of sand sagebrush canopy with needleandthread. Journal of Range Management 32(5):384-386.

Herbel, C. H, Steger, R, Gould, W. L. 1974. Managing semidesert ranges of the Southwest. Circular 456. Las Cruces, NM: New Mexico State University, Cooperative Extension Service. 48 p.

Pettit, Russell D. 1986. Sand shinnery oak: control and management. Management Note 8. Lubbock, TX: Texas Tech University, College of Agricultural Sciences, Department of Range and Wildlife Management. 5 p.

Sosebee, Ronald E. 1983. Physiological, phenological, and environmental considerations in brush and weed control. In: McDaniel, Kirk C., ed. Proceedings--brush management symposium; 1983 February 16; Albuquerque, NM. Denver, CO: Society for Range Management: 27-43.

Young, Vernon A., Anderwald, Frank R., McCully, Wayne G. 1948. Brush problems on Texas ranges. Miscellaneous Publication 21. College Station, TX: Texas Agricultural Experiment Station. 19 p.

Contributors

Don Sylvester
Quinn Hodgson

Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

Author(s)/participant(s)	
Contact for lead author	
Date	
Approved by	
Approval date	
Composition (Indicators 10 and 12) based on	Annual Production

Indicators

1. Number and extent of rills:

2. Presence of water flow patterns:

3. Number and height of erosional pedestals or terracettes:

4. Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground):

5. Number of gullies and erosion associated with gullies:

6. Extent of wind scoured, blowouts and/or depositional areas:

7. Amount of litter movement (describe size and distance expected to travel):

8. Soil surface (top few mm) resistance to erosion (stability values are averages - most sites will show a range of values):

9. Soil surface structure and SOM content (include type of structure and A-horizon color and thickness):

10. Effect of community phase composition (relative proportion of different functional groups) and spatial distribution on infiltration and runoff:

11. Presence and thickness of compaction layer (usually none; describe soil profile features which may be mistaken for compaction on this site):

12. Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live foliar cover using symbols: >>, >, = to indicate much greater

than, greater than, and equal to):

Dominant:

Sub-dominant:

Other:

Additional:

13. **Amount of plant mortality and decadence (include which functional groups are expected to show mortality or decadence):**
-

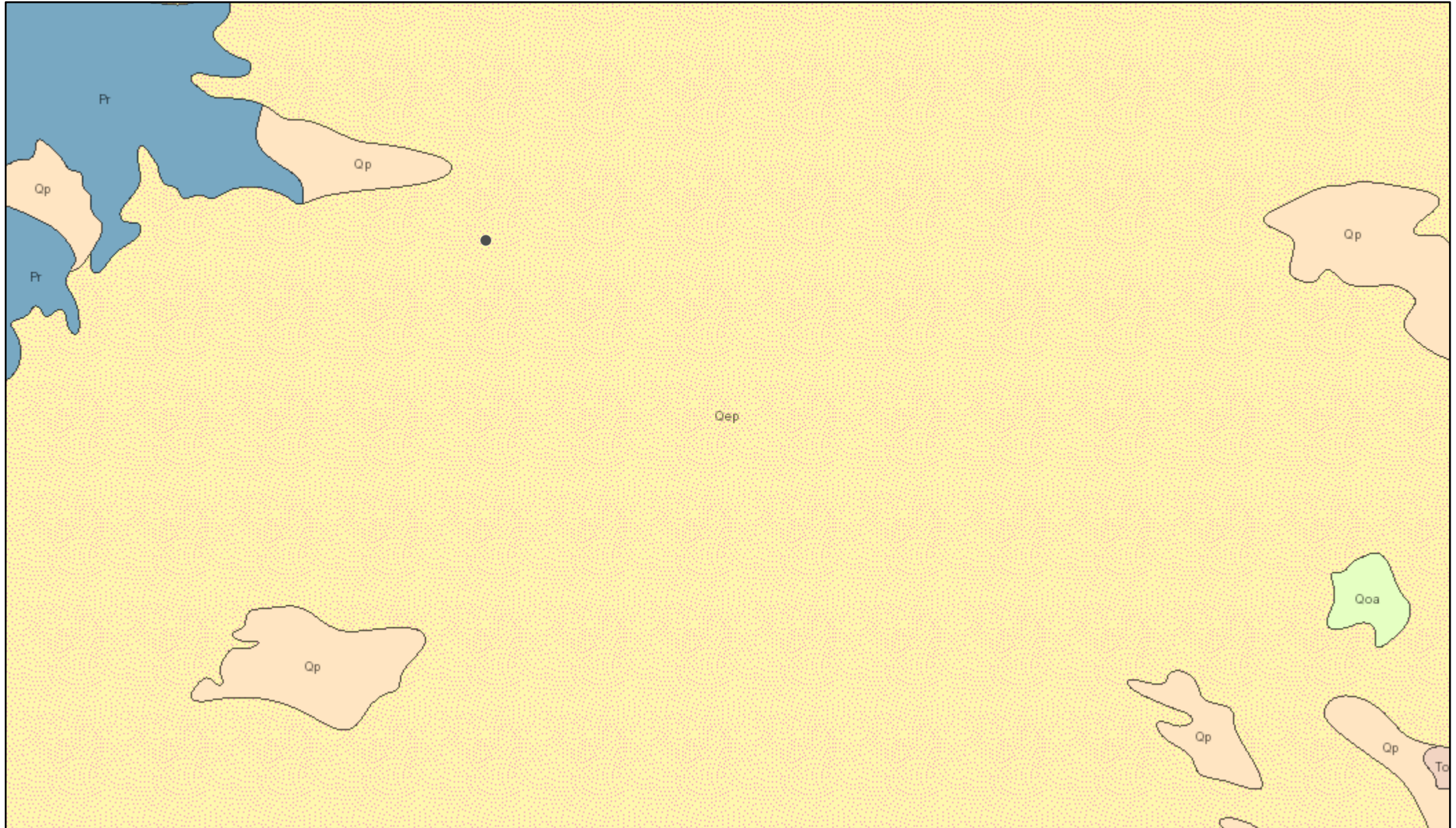
14. **Average percent litter cover (%) and depth (in):**
-

15. **Expected annual annual-production (this is TOTAL above-ground annual-production, not just forage annual-production):**
-

16. **Potential invasive (including noxious) species (native and non-native). List species which BOTH characterize degraded states and have the potential to become a dominant or co-dominant species on the ecological site if their future establishment and growth is not actively controlled by management interventions. Species that become dominant for only one to several years (e.g., short-term response to drought or wildfire) are not invasive plants. Note that unlike other indicators, we are describing what is NOT expected in the reference state for the ecological site:**
-

17. **Perennial plant reproductive capability:**
-

PLATE 12



7/27/2021, 2:44:08 PM

Lithologic Contacts

— Contact, Exposed

— Contact, Gradational

— Map Boundary

Faults

— Fault, Exposed

----- Fault, Concealed

~~~~ Shere Zone

Dikes

— Intermittent

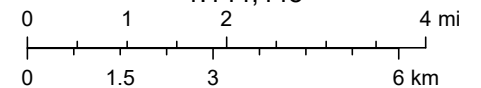
— <all other values>

— Dike

— Dike intruding fault

\* Volcanic Vents

1:144,448



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.

## **APPENDIX B. DAILY FIELD REPORTS**



Daily Field Log  
Site: Aleutian 10 CTB 2-1

04/22/2026

Location: Default Site Location

By: Austin Harris

|                            |               |                    |  |
|----------------------------|---------------|--------------------|--|
| Weather                    | Sunny         | Contractor         |  |
| Staff On-site              | Austin Harris | Contractor Crew    |  |
| Staff From Time            | 14:04         | Equipment On Site  |  |
| Tailgate meeting conducted | Yes           | Incident ID Number |  |

Work Summary:

Initial site visit

| Time | Observations |
|------|--------------|
|------|--------------|

|          |                                    |
|----------|------------------------------------|
| 14:05:25 | Completed safety paperwork on site |
|----------|------------------------------------|

|          |                                   |
|----------|-----------------------------------|
| 14:05:35 | On site for release documentation |
|----------|-----------------------------------|

|          |                                                                                                                                      |
|----------|--------------------------------------------------------------------------------------------------------------------------------------|
| 14:11:38 | Release area juts up against edges of separator and heater treater skids and stops.<br>Recommend sampling on either side of vessels. |
|----------|--------------------------------------------------------------------------------------------------------------------------------------|

A handwritten signature in black ink, appearing to be 'AH' with a long horizontal stroke extending to the right.

Inspector: Austin Harris



Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/22/2026  
Time: 14:06  
Notes: Site placard.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N



Date: 4/22/2026  
Time: 14:06  
Notes: Northeast toe of release on east end.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N





## Daily Field Log

Site: Aleutian 10 CTB 2-1

### Pictures/Attachments

Date: 4/22/2026  
Time: 14:06  
Notes: Northeast toe of release.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N



Date: 4/22/2026  
Time: 14:06  
Notes: Far east area of release.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N





## Daily Field Log

Site: Aleutian 10 CTB 2-1

### Pictures/Attachments

Date: 4/22/2026  
Time: 14:06  
Notes: Far east end of release.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N



Date: 4/22/2026  
Time: 14:06  
Notes: East end of release.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N



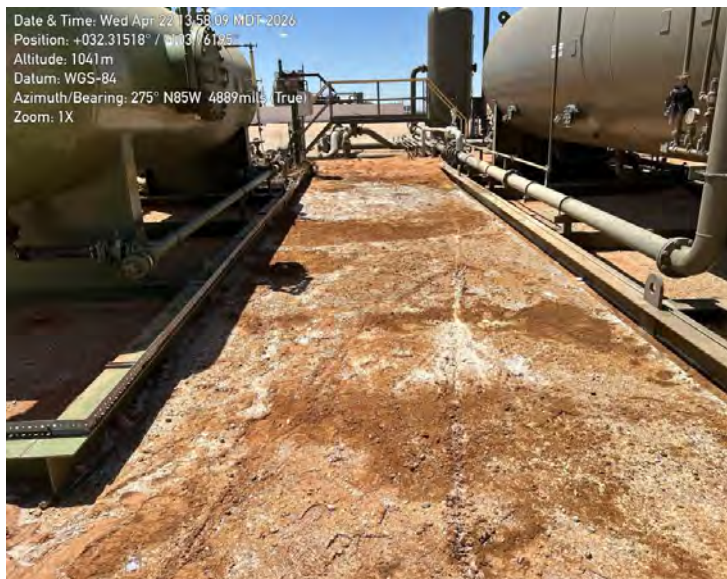


## Daily Field Log

Site: Aleutian 10 CTB 2-1

### Pictures/Attachments

Date: 4/22/2026  
Time: 14:06  
Notes: Release area between separator 704H and large horizontal heater treater vessel.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N



Date: 4/22/2026  
Time: 14:06  
Notes: Release area between separator 704H and large horizontal heater treater vessel.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N





## Daily Field Log

Site: Aleutian 10 CTB 2-1

### Pictures/Attachments

Date: 4/22/2026  
Time: 14:06  
Notes: West end of separator 704H, north side.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N



Date: 4/22/2026  
Time: 14:06  
Notes: West end of separator 704H.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N





## Daily Field Log

Site: Aleutian 10 CTB 2-1

### Pictures/Attachments

Date: 4/22/2026  
Time: 14:06  
Notes: South side of 704H where release dips outward.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N



Date: 4/22/2026  
Time: 14:06  
Notes: West end of separator 704H under equipment.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N





## Daily Field Log

Site: Aleutian 10 CTB 2-1

### Pictures/Attachments

Date: 4/22/2026  
Time: 14:06  
Notes: South side of 704H where release dips outward.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N



Date: 4/22/2026  
Time: 14:06  
Notes: Below separator 704H.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N





Daily Field Log  
Site: Aleutian 10 CTB 2-1

Pictures/Attachments

Date: 4/22/2026  
Time: 14:06  
Notes: Separator 704H point of release on west end.  
Latitude: -6.8597  
Longitude: 79.0201  
Direction: N





Daily Field Log  
Site: Aleutian 10 CTB 2-1

04/29/2026

Location: Default Site Location

By: Andrew Ludvik

|                            |                                            |                    |                |
|----------------------------|--------------------------------------------|--------------------|----------------|
| Weather                    | Partly Sunny Mostly Cloudy High Winds Warm | Contractor         |                |
| Staff On-site              | Andrew Ludvik                              | Contractor Crew    |                |
| Staff From Time            | 08:48                                      | Equipment On Site  |                |
| Tailgate meeting conducted | Yes                                        | Incident ID Number | nAPP2611053054 |

## Work Summary:

Begin Delineation

| Time | Observations |
|------|--------------|
|------|--------------|

|          |                                                                                                                                                                                                                                                         |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:30:25 | On site to begin delineation of incident nAPP2611053054. Upon arrival I examined site for safety and filled out the day's JSA.                                                                                                                          |
| 09:50:30 | Using geode-gps, I located and marked the proposed sample points. I used a magnetic locator to perform a secondary sweep of the planned work areas                                                                                                      |
| 15:24:43 | I collected BH26-08 at 0', 1', 2', and 3' bgs; BH26-09 at 0', 1', 2', 3', 4', and 5' bgs; BH26-10 at 0', 1', 2', 3', 4', and 5' bgs and BH26-11 at 0', 1', 2', and 3' bgs. All samples were field screened for chlorides with silver nitrate titration. |
| 18:27:29 | BH26-08 at 2' was field screened for TPH using petroflag.                                                                                                                                                                                               |
| 18:30:06 | Samples were jarred and stored in ice cooler. PM will be consulted on which samples to send to lab.                                                                                                                                                     |
| 18:31:01 | Boreholes were either backfilled or covered.                                                                                                                                                                                                            |

Inspector: Andrew Ludvik



# Daily Field Log

Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/29/2026  
Time: 09:35  
Notes: Placard  
Latitude: 32.315216666666664  
Longitude: -103.76262777777778  
Direction: E



Date: 4/29/2026  
Time: 09:39  
Notes: Secondary sweep conducted  
Latitude: 32.315211111111111  
Longitude: -103.76264166666667  
Direction: SW





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/29/2026  
Time: 15:25  
Notes: BH26-08 collected at 0', 1, 2, and 3' bgs  
Latitude: 32.3151583333333  
Longitude: -103.7585888888889  
Direction: W



Date: 4/29/2026  
Time: 15:26  
Notes: BH26-09 collected at 0', 1', 2', 3', 4', and 5' bgs  
Latitude: 32.315263888888886  
Longitude: -103.75848333333333  
Direction: W





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/29/2026  
Time: 15:26  
Notes: BH26-10 collected at 0', 1', 2', 3', 4', and 5' bgs  
Latitude: 32.3151472222222  
Longitude: -103.76203055555555  
Direction: W



Date: 4/29/2026  
Time: 15:29  
Notes: BH26-11 collected at 0', 1', 2', and 3' bgs  
Latitude: 32.31520833333333  
Longitude: -103.75883611111111  
Direction: SE





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/29/2026  
Time: 15:36  
Notes: Northeast corner of release  
Latitude: 32.31526944444444  
Longitude: -103.75844444444445  
Direction: S



Date: 4/29/2026  
Time: 15:37  
Notes: East side of release  
Latitude: 32.31528055555555  
Longitude: -103.75831666666667  
Direction: SW

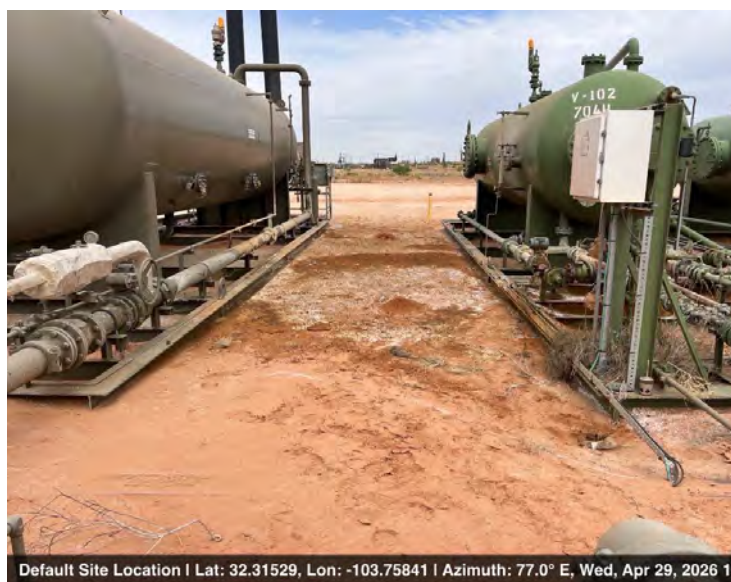




Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/29/2026  
Time: 15:37  
Notes: West side of release  
Latitude: 32.31528611111111  
Longitude: -103.7584138888889  
Direction: E



Date: 4/29/2026  
Time: 15:38  
Notes: Southwest corner of release  
Latitude: 32.31528055555555  
Longitude: -103.75842222222222  
Direction: N





Daily Field Log  
Site: Aleutian 10 CTB 2-1

04/30/2026

Location: Default Site Location

By: Andrew Ludvik

|                            |                             |                    |                |
|----------------------------|-----------------------------|--------------------|----------------|
| Weather                    | Mostly Cloudy Low Wind Cool | Contractor         |                |
| Staff On-site              | Andrew Ludvik               | Contractor Crew    |                |
| Staff From Time            | 08:27                       | Equipment On Site  |                |
| Tailgate meeting conducted | Yes                         | Incident ID Number | nAPP2611053054 |

## Work Summary:

Continue Delineation

| Time | Observations |
|------|--------------|
|------|--------------|

|          |                                                                                                                                                                                                                                         |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:03:34 | On site to continue delineation of incident nAPP2611053054. Upon arrival I examined site for safety and filled out the day's JSA.                                                                                                       |
| 09:06:20 | I used a magnetic locator to perform a secondary sweep of the planned work areas                                                                                                                                                        |
| 18:07:56 | I collected BH26-09 at 6' and 7' bgs; BH26-10 at 6', 7', 8', and 9' bgs; BH26-01 at 0' and 2' bgs; BH26-02 at 0' and 2' bgs; and BH26-03 at 0' and 2' bgs. All samples were field screened for chlorides with silver nitrate titration. |
| 18:13:46 | BH26-09 at 7', BH26-10 at 9', BH26-01 to -03 at 0' and 2' were field screened for TPH using petroflag.                                                                                                                                  |
| 18:16:14 | Samples were jarred and stored in ice cooler. PM will be consulted on which samples to send to lab.                                                                                                                                     |
| 18:16:29 | All boreholes were backfilled.                                                                                                                                                                                                          |
| 18:16:39 | Per PM request, BH26-08 at 1' and BH26-11 at 3' (collected the prior day and stored in refrigerator) were screened for TPH at office using petroflag.                                                                                   |

Inspector: Andrew Ludvik



Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/30/2026  
Time: 08:39  
Notes: Secondary sweep conducted with magnetic locator  
Latitude: 32.31516944444444  
Longitude: -103.76187777777778  
Direction: W



Date: 4/30/2026  
Time: 12:45  
Notes: BH26-09  
Latitude: 32.314522222222216  
Longitude: -103.75505833333334  
Direction: W





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/30/2026  
Time: 12:45  
Notes: BH26-10  
Latitude: 32.31531944444444  
Longitude: -103.75888888888889  
Direction: W



Date: 4/30/2026  
Time: 15:15  
Notes: BH26-01 collected at 0' and 2' bgs  
Latitude: 32.315105555555554  
Longitude: -103.75958333333334  
Direction: W





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/30/2026  
Time: 15:16  
Notes: BH26-02 collected at 0' and 2' bgs  
Latitude: 32.31515555555556  
Longitude: -103.76204722222222  
Direction: SE



Date: 4/30/2026  
Time: 15:17  
Notes: BH26-03 collected at 0' and 2' bgs  
Latitude: 32.31498611111111  
Longitude: -103.76149722222222  
Direction: S





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/30/2026  
Time: 15:24  
Notes: East end of the release  
Latitude: 32.31494166666666  
Longitude: -103.75146388888889  
Direction: S



Date: 4/30/2026  
Time: 15:24  
Notes: Northeast corner of the release  
Latitude: 32.31522222222222  
Longitude: -103.76254444444444  
Direction: S





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 4/30/2026  
Time: 15:25  
Notes: West end of the release  
Latitude: 32.315302777777774  
Longitude: -103.75747777777778  
Direction: N



Date: 4/30/2026  
Time: 15:26  
Notes: Southwest corner of the release  
Latitude: 32.31536388888889  
Longitude: -103.75743888888888  
Direction: N





Daily Field Log  
Site: Aleutian 10 CTB 2-1

05/01/2026

Location: Default Site Location

By: Andrew Ludvik

|                            |                               |                    |                |
|----------------------------|-------------------------------|--------------------|----------------|
| Weather                    | Chilly Cloudy Rain High Winds | Contractor         |                |
| Staff On-site              | Andrew Ludvik                 | Contractor Crew    |                |
| Staff From Time            | 08:38                         | Equipment On Site  |                |
| Tailgate meeting conducted | Yes                           | Incident ID Number | nAPP2611053054 |

Work Summary:

Continue Delineation

| Time | Observations |
|------|--------------|
|------|--------------|

|          |                                                                                                                                                                                                   |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:05:20 | On site to continue delineation of incident nAPP2611053054. Upon arrival I examined site for safety and filled out the day's JSA.                                                                 |
| 09:22:37 | Secondary sweep conducted of the planned work areas with magnetic locator                                                                                                                         |
| 15:01:01 | Collected BH26-04 at 0' and 2' bgs; BH26-05 at 0' and 2' bgs; BH26-06 at 0' and 2' bgs and BH26-12 at 0' and 2' bgs. All samples were field screened for chlorides with silver nitrate titration. |
| 15:10:42 | Samples were jarred and stored in ice cooler. PM will be consulted on which samples to send to lab.                                                                                               |
| 15:14:13 | All boreholes were backfilled.                                                                                                                                                                    |
| 20:31:02 | BH26-04 and -12 at 0' and 2' were field screened for TPH using petroflag.                                                                                                                         |

Inspector: Andrew Ludvik



Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 5/1/2026  
Time: 09:12  
Notes: Secondary sweep conducted  
Latitude: 32.3117972222222  
Longitude: -103.7569972222222  
Direction: N



Date: 5/1/2026  
Time: 14:59  
Notes: BH26-04 collected at 0' and 2' bgs  
Latitude: 32.3044611111111  
Longitude: -103.7589555555556  
Direction: W





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 5/1/2026  
Time: 15:00  
Notes: BH26-05 collected at 0' and 2' bgs  
Latitude: 32.315216666666664  
Longitude: -103.76265  
Direction: SE



Date: 5/1/2026  
Time: 15:01  
Notes: BH26-06 collected at 0' and 2' bgs  
Latitude: 32.315158333333333  
Longitude: -103.76265555555555  
Direction: NW





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 5/1/2026  
Time: 15:01  
Notes: BH26-12 collected at 0' and 2' bgs  
Latitude: 32.315216666666664  
Longitude: -103.76265  
Direction: W



Date: 5/1/2026  
Time: 15:08  
Notes: East end of release  
Latitude: 32.315102777777774  
Longitude: -103.76365555555556  
Direction: S





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 5/1/2026  
Time: 15:11  
Notes: West end of release  
Latitude: 32.3151888888888  
Longitude: -103.76274722222222  
Direction: N





Daily Field Log  
Site: Aleutian 10 CTB 2-1

05/02/2026

Location: Default Site Location

By: Andrew Ludvik

|                            |                                 |                    |                |
|----------------------------|---------------------------------|--------------------|----------------|
| Weather                    | Cool Mostly Cloudy Partly Sunny | Contractor         |                |
| Staff On-site              | Andrew Ludvik                   | Contractor Crew    |                |
| Staff From Time            | 08:44                           | Equipment On Site  |                |
| Tailgate meeting conducted | Yes                             | Incident ID Number | nAPP2611053054 |

Work Summary:

Continue delineation

| Time | Observations |
|------|--------------|
|------|--------------|

|          |                                                                                                                                            |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 09:13:27 | On site to continue delineation of incident nAPP2611053054. Upon arrival I examined site for safety and filled out the day's JSA.          |
| 09:16:16 | Secondary sweep conducted of the planned work areas with magnetic locator                                                                  |
| 11:20:34 | I collected BH26-07 at 0' and 2' bgs and BH26-13 at 0' and 2' bgs. All samples field screened for chlorides with silver nitrate titration. |
| 11:21:35 | BH26-07 at 0' and 2' bgs and BH26-13 at 0' and 2' bgs were field screened or TPH using petroflag.                                          |
| 11:22:09 | All samples were jarred and placed in ice cooler. They will be sent to lab for further analysis.                                           |
| 12:43:44 | All boreholes were backfilled                                                                                                              |
| 13:07:37 | All boreholes/sample points mapped onto collector with gps                                                                                 |

Inspector: Andrew Ludvik



Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 5/2/2026  
Time: 09:17  
Notes:  
Latitude: 32.310916666666664  
Longitude: -103.75076388888888  
Direction: E



Date: 5/2/2026  
Time: 11:50  
Notes: BH26-07 collected at 0' and 2' bgs  
Latitude: 32.31460277777777  
Longitude: -103.76726388888889  
Direction: E





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 5/2/2026  
Time: 11:52  
Notes: BH26-13 collected at 0' and 2' bgs  
Latitude: 32.31445555555554  
Longitude: -103.75735555555555  
Direction: NW



Date: 5/2/2026  
Time: 12:16  
Notes: Northeast corner of release  
Latitude: 32.31501944444444  
Longitude: -103.76216944444444  
Direction: S





Daily Field Log  
Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 5/2/2026  
Time: 12:17  
Notes: East end of the release  
Latitude: 32.31473055555556  
Longitude: -103.76223888888889  
Direction: SW



Date: 5/2/2026  
Time: 12:18  
Notes: West end of the release  
Latitude: 32.313002777777776  
Longitude: -103.76531111111112  
Direction: NE





# Daily Field Log

Site: Aleutian 10 CTB 2-1

## Pictures/Attachments

Date: 5/2/2026  
Time: 12:19  
Notes: Southwest corner of the released  
Latitude: 32.312036111111105  
Longitude: -103.76545555555556  
Direction: N



Date: 5/2/2026  
Time: 12:42  
Notes: Placard  
Latitude: 32.315244444444444  
Longitude: -103.76263611111111  
Direction: SE



## **APPENDIX C. LABORATORY DATA REPORTS AND CHAIN OF CUSTODY FORMS**



Environment Testing

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

# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 5/15/2026 10:08:35 AM

## JOB DESCRIPTION

Aleutian 10 CTB 2

## JOB NUMBER

885-48763-1

Eurofins Albuquerque  
4901 Hawkins NE  
Albuquerque NM 87109

# Eurofins Albuquerque

## Job Notes

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

## Authorization



Generated  
5/15/2026 10:08:35 AM

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

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Laboratory Job ID: 885-48763-1

# Table of Contents

|                                  |    |
|----------------------------------|----|
| Cover Page . . . . .             | 1  |
| Table of Contents . . . . .      | 3  |
| Definitions/Glossary . . . . .   | 4  |
| Case Narrative . . . . .         | 5  |
| Client Sample Results . . . . .  | 6  |
| QC Sample Results . . . . .      | 30 |
| QC Association Summary . . . . . | 40 |
| Lab Chronicle . . . . .          | 47 |
| Certification Summary . . . . .  | 55 |
| Chain of Custody . . . . .       | 56 |
| Receipt Checklists . . . . .     | 58 |



Definitions/Glossary

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Qualifiers

GC VOA

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

HPLC/IC

| Qualifier | Qualifier Description                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |

Glossary

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

## Case Narrative

Client: Vertex  
Project: Aleutian 10 CTB 2

Job ID: 885-48763-1

**Job ID: 885-48763-1**

**Eurofins Albuquerque**

### Job Narrative 885-48763-1

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 5/6/2026 7:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C.

#### Gasoline Range Organics

Method 8015M/D: Surrogate recovery for the following sample was outside control limits: BH26-11 0.0' (885-48763-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

#### GC VOA

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

#### Diesel Range Organics

Method 8015M/D: The continuing calibration verification (CCV) associated with batch 885-48226 recovered outside acceptance criteria, low biased, for Di-n-octyl phthalate (Surr). The %D for the target compound, C10-C28 was acceptable and all sample surrogate recoveries were acceptable so the samples were not reanalyzed. The following samples are associated (CCV 885-48226/10) and (CCV 885-48226/26).

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

#### HPLC/IC

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

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-08 0.0'

Lab Sample ID: 885-48763-1

Date Collected: 04/29/26 09:55

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.8      | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:28 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 98        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 11:28 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:28 | 1       |
| Ethylbenzene                | ND        |           | 0.048    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:28 | 1       |
| Toluene                     | ND        |           | 0.048    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:28 | 1       |
| Xylenes, Total              | ND        |           | 0.048    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:28 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 89        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 11:28 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | 20        |           | 9.5      | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:00 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 48       | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:00 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 87        |           | 62 - 134 |       |   | 05/08/26 09:45 | 05/09/26 03:00 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 7500   |           | 50 | mg/Kg |   | 05/07/26 10:35 | 05/08/26 17:32 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-08 1.0'

Lab Sample ID: 885-48763-2

Date Collected: 04/29/26 10:00

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.7      | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:50 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 99        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 11:50 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:50 | 1       |
| Ethylbenzene                | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:50 | 1       |
| Toluene                     | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:50 | 1       |
| Xylenes, Total              | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 11:50 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 11:50 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.8      | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:12 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 49       | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:12 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 88        |           | 62 - 134 |       |   | 05/08/26 09:45 | 05/09/26 03:12 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 1200   |           | 51 | mg/Kg |   | 05/07/26 10:35 | 05/08/26 17:46 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-08 2.0'

Lab Sample ID: 885-48763-3

Date Collected: 04/29/26 10:10

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 5.0      | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:12 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 100       |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 12:12 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.025    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:12 | 1       |
| Ethylbenzene                | ND        |           | 0.050    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:12 | 1       |
| Toluene                     | ND        |           | 0.050    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:12 | 1       |
| Xylenes, Total              | ND        |           | 0.050    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:12 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 91        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 12:12 | 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 |   | 05/08/26 09:45 | 05/09/26 03:24 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 49       | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:24 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 88        |           | 62 - 134 |       |   | 05/08/26 09:45 | 05/09/26 03:24 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 310    |           | 51 | mg/Kg |   | 05/07/26 10:35 | 05/08/26 18:00 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-09 0.0'

Lab Sample ID: 885-48763-4

Date Collected: 04/29/26 10:30

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.7      | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:34 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 100       |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 12:34 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:34 | 1       |
| Ethylbenzene                | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:34 | 1       |
| Toluene                     | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:34 | 1       |
| Xylenes, Total              | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:34 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 91        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 12:34 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | 59        |           | 9.7      | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:36 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 49       | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:36 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 86        |           | 62 - 134 |       |   | 05/08/26 09:45 | 05/09/26 03:36 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 9300   |           | 99 | mg/Kg |   | 05/07/26 10:35 | 05/14/26 17:19 | 20      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-10 0.0'

Lab Sample ID: 885-48763-5

Date Collected: 04/29/26 11:40

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.9      | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:56 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 101       |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 12:56 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:56 | 1       |
| Ethylbenzene                | ND        |           | 0.049    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:56 | 1       |
| Toluene                     | ND        |           | 0.049    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:56 | 1       |
| Xylenes, Total              | ND        |           | 0.049    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 12:56 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 92        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 12:56 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | 16        |           | 9.2      | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:48 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 46       | mg/Kg |   | 05/08/26 09:45 | 05/09/26 03:48 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 83        |           | 62 - 134 |       |   | 05/08/26 09:45 | 05/09/26 03:48 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| Chloride | 9600   |           | 100 | mg/Kg |   | 05/07/26 11:29 | 05/08/26 14:04 | 20      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-11 0.0'

Lab Sample ID: 885-48763-6

Date Collected: 04/29/26 12:55

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | 14        |           | 4.6      | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:18 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 172       | S1+       | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 13:18 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.023    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:18 | 1       |
| Ethylbenzene                | ND        |           | 0.046    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:18 | 1       |
| Toluene                     | ND        |           | 0.046    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:18 | 1       |
| Xylenes, Total              | ND        |           | 0.046    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:18 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 101       |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 13:18 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | 310       |           | 9.9      | mg/Kg |   | 05/08/26 09:45 | 05/09/26 04:12 | 1       |
| Motor Oil Range Organics [C28-C40] | 190       |           | 49       | mg/Kg |   | 05/08/26 09:45 | 05/09/26 04:12 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 86        |           | 62 - 134 |       |   | 05/08/26 09:45 | 05/09/26 04:12 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| Chloride | 9300   |           | 100 | mg/Kg |   | 05/07/26 11:29 | 05/08/26 14:18 | 20      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-11 3.0'

Lab Sample ID: 885-48763-7

Date Collected: 04/29/26 13:20

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.7      | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:40 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 99        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 13:40 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:40 | 1       |
| Ethylbenzene                | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:40 | 1       |
| Toluene                     | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:40 | 1       |
| Xylenes, Total              | ND        |           | 0.047    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 13:40 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 13:40 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.4      | mg/Kg |   | 05/08/26 09:45 | 05/09/26 04:25 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 47       | mg/Kg |   | 05/08/26 09:45 | 05/09/26 04:25 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 86        |           | 62 - 134 |       |   | 05/08/26 09:45 | 05/09/26 04:25 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 3300   |           | 50 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 16:25 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-09 6.0'

Lab Sample ID: 885-48763-8

Date Collected: 04/30/26 09:50

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.8      | mg/Kg |   | 05/06/26 13:36 | 05/08/26 14:02 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 98        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 14:02 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 14:02 | 1       |
| Ethylbenzene                | ND        |           | 0.048    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 14:02 | 1       |
| Toluene                     | ND        |           | 0.048    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 14:02 | 1       |
| Xylenes, Total              | ND        |           | 0.048    | mg/Kg |   | 05/06/26 13:36 | 05/08/26 14:02 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90        |           | 70 - 130 |       |   | 05/06/26 13:36 | 05/08/26 14:02 | 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        |           | 9.1      | mg/Kg |   | 05/08/26 09:45 | 05/09/26 04:37 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 45       | mg/Kg |   | 05/08/26 09:45 | 05/09/26 04:37 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 86        |           | 62 - 134 |       |   | 05/08/26 09:45 | 05/09/26 04:37 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 1900   |           | 51 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 16:36 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-09 7.0'

Lab Sample ID: 885-48763-9

Date Collected: 04/30/26 09:55

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.9      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 15:24 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 99        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 15:24 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.025    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 15:24 | 1       |
| Ethylbenzene                | ND        |           | 0.049    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 15:24 | 1       |
| Toluene                     | ND        |           | 0.049    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 15:24 | 1       |
| Xylenes, Total              | ND        |           | 0.049    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 15:24 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 15:24 | 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        |           | 9.4      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 15:49 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 47       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 15:49 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 78        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 15:49 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 75     |           | 50 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 17:09 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-10 9.0'

Lab Sample ID: 885-48763-10

Date Collected: 04/30/26 11:50

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.7      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 16:35 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 98        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 16:35 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.023    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 16:35 | 1       |
| Ethylbenzene                | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 16:35 | 1       |
| Toluene                     | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 16:35 | 1       |
| Xylenes, Total              | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 16:35 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 89        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 16:35 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.8      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:01 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 49       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:01 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 76        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 16:01 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 3300   |           | 50 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 17:20 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-01 0.0'

Lab Sample ID: 885-48763-11

Date Collected: 04/30/26 13:00

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.6      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 17:47 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 92        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 17:47 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.023    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 17:47 | 1       |
| Ethylbenzene                | ND        |           | 0.046    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 17:47 | 1       |
| Toluene                     | ND        |           | 0.046    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 17:47 | 1       |
| Xylenes, Total              | ND        |           | 0.046    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 17:47 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 17:47 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.3      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 15:15 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 47       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 15:15 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 80        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 15:15 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 74     |           | 50 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 17:30 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-01 2.0'

Lab Sample ID: 885-48763-12

Date Collected: 04/30/26 13:10

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.8      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:11 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 99        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 18:11 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:11 | 1       |
| Ethylbenzene                | ND        |           | 0.048    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:11 | 1       |
| Toluene                     | ND        |           | 0.048    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:11 | 1       |
| Xylenes, Total              | ND        |           | 0.048    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:11 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 18:11 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.3      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 15:26 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 47       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 15:26 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 80        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 15:26 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | ND     |           | 51 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 17:41 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-02 0.0'

Lab Sample ID: 885-48763-13

Date Collected: 04/30/26 13:20

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.7      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:35 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 99        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 18:35 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.023    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:35 | 1       |
| Ethylbenzene                | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:35 | 1       |
| Toluene                     | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:35 | 1       |
| Xylenes, Total              | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:35 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 84        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 18:35 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.1      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 15:37 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 46       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 15:37 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 77        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 15:37 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | ND     |           | 50 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 17:52 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-02 2.0'

Lab Sample ID: 885-48763-14

Date Collected: 04/30/26 13:25

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.6      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:59 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 93        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 18:59 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.023    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:59 | 1       |
| Ethylbenzene                | ND        |           | 0.046    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:59 | 1       |
| Toluene                     | ND        |           | 0.046    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:59 | 1       |
| Xylenes, Total              | ND        |           | 0.046    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 18:59 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 87        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 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        |           | 8.5      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:12 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 43       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:12 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 77        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 16:12 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | ND     |           | 50 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 18:03 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-03 0.0'

Lab Sample ID: 885-48763-15

Date Collected: 04/30/26 13:40

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.9      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:23 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 96        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 19:23 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:23 | 1       |
| Ethylbenzene                | ND        |           | 0.049    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:23 | 1       |
| Toluene                     | ND        |           | 0.049    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:23 | 1       |
| Xylenes, Total              | ND        |           | 0.049    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:23 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 19:23 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 8.7      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:24 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 43       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:24 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 76        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 16:24 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 85     |           | 50 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 18:14 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-03 2.0'

Lab Sample ID: 885-48763-16

Date Collected: 04/30/26 13:45

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.7      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:47 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 98        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 19:47 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:47 | 1       |
| Ethylbenzene                | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:47 | 1       |
| Toluene                     | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:47 | 1       |
| Xylenes, Total              | ND        |           | 0.047    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 19:47 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 19:47 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.1      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:35 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 46       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:35 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 77        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 16:35 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | ND     |           | 50 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 18:25 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-04 0.0'

Lab Sample ID: 885-48763-17

Date Collected: 05/01/26 10:15

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.8      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 20:11 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 92        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 20:11 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 20:11 | 1       |
| Ethylbenzene                | ND        |           | 0.048    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 20:11 | 1       |
| Toluene                     | ND        |           | 0.048    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 20:11 | 1       |
| Xylenes, Total              | ND        |           | 0.048    | mg/Kg |   | 05/06/26 15:56 | 05/07/26 20:11 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 84        |           | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 20:11 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 8.4      | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:47 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 42       | mg/Kg |   | 05/07/26 09:30 | 05/07/26 16:47 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 77        |           | 62 - 134 |       |   | 05/07/26 09:30 | 05/07/26 16:47 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 93     |           | 49 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 18:36 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-04 2.0'

Lab Sample ID: 885-48763-18

Date Collected: 05/01/26 10:25

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.9      | mg/Kg |   | 05/07/26 12:23 | 05/08/26 11:58 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 97        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 11:58 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.025    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 11:58 | 1       |
| Ethylbenzene                | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 11:58 | 1       |
| Toluene                     | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 11:58 | 1       |
| Xylenes, Total              | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 11:58 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 89        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 11:58 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 10       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 19:28 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 50       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 19:28 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 84        |           | 62 - 134 |       |   | 05/08/26 12:09 | 05/08/26 19:28 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | ND     |           | 50 | mg/Kg |   | 05/10/26 08:57 | 05/10/26 10:31 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-12 0.0'

Lab Sample ID: 885-48763-19

Date Collected: 05/01/26 13:25

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 5.0      | mg/Kg |   | 05/07/26 12:23 | 05/08/26 13:10 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 101       |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 13:10 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.025    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 13:10 | 1       |
| Ethylbenzene                | ND        |           | 0.050    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 13:10 | 1       |
| Toluene                     | ND        |           | 0.050    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 13:10 | 1       |
| Xylenes, Total              | ND        |           | 0.050    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 13:10 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 89        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 13:10 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.8      | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:04 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 49       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:04 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 85        |           | 62 - 134 |       |   | 05/08/26 12:09 | 05/08/26 20:04 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 240    |           | 51 | mg/Kg |   | 05/10/26 08:57 | 05/10/26 11:12 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-12 2.0'

Lab Sample ID: 885-48763-20

Date Collected: 05/01/26 13:35

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.8      | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:21 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 101       |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 14:21 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:21 | 1       |
| Ethylbenzene                | ND        |           | 0.048    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:21 | 1       |
| Toluene                     | ND        |           | 0.048    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:21 | 1       |
| Xylenes, Total              | ND        |           | 0.048    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:21 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 14:21 | 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        |           | 9.9      | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:17 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 49       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:17 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 90        |           | 62 - 134 |       |   | 05/08/26 12:09 | 05/08/26 20:17 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | ND     |           | 49 | mg/Kg |   | 05/10/26 08:57 | 05/10/26 12:20 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-07 0.0'

Lab Sample ID: 885-48763-21

Date Collected: 05/02/26 09:30

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.7      | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:45 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 95        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 14:45 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:45 | 1       |
| Ethylbenzene                | ND        |           | 0.047    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:45 | 1       |
| Toluene                     | ND        |           | 0.047    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:45 | 1       |
| Xylenes, Total              | ND        |           | 0.047    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 14:45 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 84        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 14:45 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 10       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:29 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 50       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:29 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 89        |           | 62 - 134 |       |   | 05/08/26 12:09 | 05/08/26 20:29 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 150    |           | 49 | mg/Kg |   | 05/10/26 08:57 | 05/10/26 12:34 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-07 2.0'

Lab Sample ID: 885-48763-22

Date Collected: 05/02/26 09:35

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.9      | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:09 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 92        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 15:09 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:09 | 1       |
| Ethylbenzene                | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:09 | 1       |
| Toluene                     | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:09 | 1       |
| Xylenes, Total              | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:09 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 85        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 15:09 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.8      | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:41 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 49       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:41 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 88        |           | 62 - 134 |       |   | 05/08/26 12:09 | 05/08/26 20:41 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | ND     |           | 50 | mg/Kg |   | 05/10/26 08:57 | 05/10/26 12:47 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-13 0.0'

Lab Sample ID: 885-48763-23

Date Collected: 05/02/26 09:50

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.9      | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:56 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 94        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 15:56 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:56 | 1       |
| Ethylbenzene                | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:56 | 1       |
| Toluene                     | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:56 | 1       |
| Xylenes, Total              | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 15:56 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 87        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 15:56 | 1       |

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

| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND        |           | 9.4      | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:53 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 47       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 20:53 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 99        |           | 62 - 134 |       |   | 05/08/26 12:09 | 05/08/26 20:53 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 52     |           | 49 | mg/Kg |   | 05/10/26 08:57 | 05/10/26 13:01 | 10      |

Eurofins Albuquerque

## Client Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-13 2.0'

Lab Sample ID: 885-48763-24

Date Collected: 05/02/26 09:55

Matrix: Solid

Date Received: 05/06/26 07:55

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |           | 4.9      | mg/Kg |   | 05/07/26 12:23 | 05/08/26 16:20 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)          | 97        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 16:20 | 1       |

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

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | ND        |           | 0.024    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 16:20 | 1       |
| Ethylbenzene                | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 16:20 | 1       |
| Toluene                     | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 16:20 | 1       |
| Xylenes, Total              | ND        |           | 0.049    | mg/Kg |   | 05/07/26 12:23 | 05/08/26 16:20 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86        |           | 70 - 130 |       |   | 05/07/26 12:23 | 05/08/26 16:20 | 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 |   | 05/08/26 12:09 | 05/08/26 21:18 | 1       |
| Motor Oil Range Organics [C28-C40] | ND        |           | 48       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 21:18 | 1       |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 83        |           | 62 - 134 |       |   | 05/08/26 12:09 | 05/08/26 21:18 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte  | Result | Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-------|---|----------------|----------------|---------|
| Chloride | 120    |           | 50 | mg/Kg |   | 05/10/26 08:57 | 05/10/26 13:15 | 10      |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

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

Lab Sample ID: MB 885-48149/1-A

Matrix: Solid

Analysis Batch: 48277

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48149

| Analyte                                 | MB<br>Result    | MB<br>Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|-----------------|-----------------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics<br>(GRO)-C6-C10 | ND              |                 | 5.0      | mg/Kg |   | 05/06/26 13:36 | 05/07/26 22:48 | 1       |
| Surrogate                               | MB<br>%Recovery | MB<br>Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)             | 101             |                 | 70 - 130 |       |   | 05/06/26 13:36 | 05/07/26 22:48 | 1       |

Lab Sample ID: LCS 885-48149/2-A

Matrix: Solid

Analysis Batch: 48277

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48149

| Analyte                                 | Spike<br>Added   | LCS<br>Result    | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|-----------------------------------------|------------------|------------------|------------------|-------|---|------|----------------|
| Gasoline Range Organics<br>(GRO)-C6-C10 | 25.0             | 21.4             |                  | mg/Kg |   | 86   | 70 - 130       |
| Surrogate                               | LCS<br>%Recovery | LCS<br>Qualifier | Limits           |       |   |      |                |
| 4-Bromofluorobenzene (Surr)             | 205              |                  | 70 - 130         |       |   |      |                |

Lab Sample ID: MB 885-48170/1-A

Matrix: Solid

Analysis Batch: 48192

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48170

| Analyte                                 | MB<br>Result    | MB<br>Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|-----------------|-----------------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics<br>(GRO)-C6-C10 | ND              |                 | 5.0      | mg/Kg |   | 05/06/26 15:56 | 05/07/26 10:14 | 1       |
| Surrogate                               | MB<br>%Recovery | MB<br>Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)             | 91              |                 | 70 - 130 |       |   | 05/06/26 15:56 | 05/07/26 10:14 | 1       |

Lab Sample ID: LCS 885-48170/2-A

Matrix: Solid

Analysis Batch: 48192

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48170

| Analyte                                 | Spike<br>Added   | LCS<br>Result    | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|-----------------------------------------|------------------|------------------|------------------|-------|---|------|----------------|
| Gasoline Range Organics<br>(GRO)-C6-C10 | 25.0             | 22.5             |                  | mg/Kg |   | 90   | 70 - 130       |
| Surrogate                               | LCS<br>%Recovery | LCS<br>Qualifier | Limits           |       |   |      |                |
| 4-Bromofluorobenzene (Surr)             | 182              |                  | 70 - 130         |       |   |      |                |

Lab Sample ID: 885-48763-9 MS

Matrix: Solid

Analysis Batch: 48192

Client Sample ID: BH26-09 7.0'

Prep Type: Total/NA

Prep Batch: 48170

| Analyte                                 | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|-----------------------------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Gasoline Range Organics<br>(GRO)-C6-C10 | ND               |                     | 24.8           | 25.2         |                 | mg/Kg |   | 96   | 70 - 130       |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

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

Lab Sample ID: 885-48763-9 MS

Matrix: Solid

Analysis Batch: 48192

Client Sample ID: BH26-09 7.0'

Prep Type: Total/NA

Prep Batch: 48170

|                             | MS        | MS        |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 206       |           | 70 - 130 |

Lab Sample ID: 885-48763-9 MSD

Matrix: Solid

Analysis Batch: 48192

Client Sample ID: BH26-09 7.0'

Prep Type: Total/NA

Prep Batch: 48170

| 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            |                  | 24.7        | 25.0       |               | mg/Kg |   | 96   | 70 - 130    | 1   | 20        |

|                             | MSD       | MSD       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 207       |           | 70 - 130 |

Lab Sample ID: MB 885-48242/1-A

Matrix: Solid

Analysis Batch: 48279

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48242

| Analyte                              | MB Result | MB Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|--------------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |              | 5.0 | mg/Kg |   | 05/07/26 12:23 | 05/08/26 09:35 | 1       |

|                             | MB        | MB        |          | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Surrogate                   | %Recovery | Qualifier | Limits   |                |                |         |
| 4-Bromofluorobenzene (Surr) | 98        |           | 70 - 130 | 05/07/26 12:23 | 05/08/26 09:35 | 1       |

Lab Sample ID: LCS 885-48242/2-A

Matrix: Solid

Analysis Batch: 48279

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48242

| Analyte                              | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 25.0        | 21.8       |               | mg/Kg |   | 87   | 70 - 130    |

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 189       |           | 70 - 130 |

Lab Sample ID: 885-48763-18 MS

Matrix: Solid

Analysis Batch: 48279

Client Sample ID: BH26-04 2.0'

Prep Type: Total/NA

Prep Batch: 48242

| Analyte                              | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | ND            |                  | 24.7        | 22.8      |              | mg/Kg |   | 92   | 70 - 130    |

|                             | MS        | MS        |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 188       |           | 70 - 130 |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

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

Lab Sample ID: 885-48763-18 MSD

Matrix: Solid

Analysis Batch: 48279

Client Sample ID: BH26-04 2.0'

Prep Type: Total/NA

Prep Batch: 48242

| Analyte                              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | ND            |                  | 24.5        | 22.9       |               | mg/Kg |   | 93   | 70 - 130    | 0   | 20        |
| Surrogate                            | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| 4-Bromofluorobenzene (Surr)          | 195           |                  | 70 - 130    |            |               |       |   |      |             |     |           |

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

Lab Sample ID: MB 885-48149/1-A

Matrix: Solid

Analysis Batch: 48276

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48149

| Analyte                     | MB Result    | MB Qualifier | RL       | Unit           | D              | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|----------------|----------------|---------|
| Benzene                     | ND           |              | 0.025    | mg/Kg          |                | 05/06/26 13:36 | 05/07/26 22:48 | 1       |
| Ethylbenzene                | ND           |              | 0.050    | mg/Kg          |                | 05/06/26 13:36 | 05/07/26 22:48 | 1       |
| Toluene                     | ND           |              | 0.050    | mg/Kg          |                | 05/06/26 13:36 | 05/07/26 22:48 | 1       |
| Xylenes, Total              | ND           |              | 0.050    | mg/Kg          |                | 05/06/26 13:36 | 05/07/26 22:48 | 1       |
| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac        |                |         |
| 4-Bromofluorobenzene (Surr) | 92           |              | 70 - 130 | 05/06/26 13:36 | 05/07/26 22:48 | 1              |                |         |

Lab Sample ID: LCS 885-48149/3-A

Matrix: Solid

Analysis Batch: 48276

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48149

| Analyte             |  |  | Spike | LCS    | LCS       | Unit  | D | %Rec   | %Rec     |  |  |
|---------------------|--|--|-------|--------|-----------|-------|---|--------|----------|--|--|
|                     |  |  | Added | Result | Qualifier |       |   | Limits |          |  |  |
| Benzene             |  |  | 1.00  | 0.942  |           | mg/Kg |   | 94     | 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  | 0.958  |           | mg/Kg |   | 96     | 70 - 130 |  |  |
| Toluene             |  |  | 1.00  | 0.925  |           | mg/Kg |   | 92     | 70 - 130 |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |
|                     |  |  |       |        |           |       |   |        |          |  |  |

Lab Sample ID: MB 885-48170/1-A

Matrix: Solid

Analysis Batch: 48193

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48170

| Analyte                     | MB Result    | MB Qualifier | RL       | Unit           | D              | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|----------------|----------------|---------|
| Benzene                     | ND           |              | 0.025    | mg/Kg          |                | 05/06/26 15:56 | 05/07/26 10:14 | 1       |
| Ethylbenzene                | ND           |              | 0.050    | mg/Kg          |                | 05/06/26 15:56 | 05/07/26 10:14 | 1       |
| Toluene                     | ND           |              | 0.050    | mg/Kg          |                | 05/06/26 15:56 | 05/07/26 10:14 | 1       |
| Xylenes, Total              | ND           |              | 0.050    | mg/Kg          |                | 05/06/26 15:56 | 05/07/26 10:14 | 1       |
| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac        |                |         |
| 4-Bromofluorobenzene (Surr) | 84           |              | 70 - 130 | 05/06/26 15:56 | 05/07/26 10:14 | 1              |                |         |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

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

Lab Sample ID: LCS 885-48170/3-A

Matrix: Solid

Analysis Batch: 48193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48170

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene             | 1.00        | 0.940      |               | mg/Kg |   | 94   | 70 - 130    |
| Ethylbenzene        | 1.00        | 0.936      |               | mg/Kg |   | 94   | 70 - 130    |
| m-Xylene & p-Xylene | 2.00        | 1.77       |               | mg/Kg |   | 88   | 70 - 130    |
| o-Xylene            | 1.00        | 0.868      |               | mg/Kg |   | 87   | 70 - 130    |
| Toluene             | 1.00        | 0.985      |               | mg/Kg |   | 99   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 92            |               | 70 - 130 |

Lab Sample ID: 885-48763-10 MS

Matrix: Solid

Analysis Batch: 48193

Client Sample ID: BH26-10 9.0'

Prep Type: Total/NA

Prep Batch: 48170

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene             | ND            |                  | 0.992       | 1.03      |              | mg/Kg |   | 104  | 70 - 130    |
| Ethylbenzene        | ND            |                  | 0.992       | 1.02      |              | mg/Kg |   | 103  | 70 - 130    |
| m-Xylene & p-Xylene | ND            |                  | 1.98        | 1.94      |              | mg/Kg |   | 98   | 70 - 130    |
| o-Xylene            | ND            |                  | 0.992       | 0.959     |              | mg/Kg |   | 97   | 70 - 130    |
| Toluene             | ND            |                  | 0.992       | 1.09      |              | mg/Kg |   | 110  | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 88           |              | 70 - 130 |

Lab Sample ID: 885-48763-10 MSD

Matrix: Solid

Analysis Batch: 48193

Client Sample ID: BH26-10 9.0'

Prep Type: Total/NA

Prep Batch: 48170

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene             | ND            |                  | 0.993       | 0.983      |               | mg/Kg |   | 99   | 70 - 130    | 5   | 20        |
| Ethylbenzene        | ND            |                  | 0.993       | 0.979      |               | mg/Kg |   | 99   | 70 - 130    | 4   | 20        |
| m-Xylene & p-Xylene | ND            |                  | 1.99        | 1.83       |               | mg/Kg |   | 92   | 70 - 130    | 6   | 20        |
| o-Xylene            | ND            |                  | 0.993       | 0.877      |               | mg/Kg |   | 88   | 70 - 130    | 9   | 20        |
| Toluene             | ND            |                  | 0.993       | 1.04       |               | mg/Kg |   | 105  | 70 - 130    | 4   | 20        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 86            |               | 70 - 130 |

Lab Sample ID: MB 885-48242/1-A

Matrix: Solid

Analysis Batch: 48280

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48242

| Analyte        | MB Result | MB Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-------|-------|---|----------------|----------------|---------|
| Benzene        | ND        |              | 0.025 | mg/Kg |   | 05/07/26 12:23 | 05/08/26 09:35 | 1       |
| Ethylbenzene   | ND        |              | 0.050 | mg/Kg |   | 05/07/26 12:23 | 05/08/26 09:35 | 1       |
| Toluene        | ND        |              | 0.050 | mg/Kg |   | 05/07/26 12:23 | 05/08/26 09:35 | 1       |
| Xylenes, Total | ND        |              | 0.050 | mg/Kg |   | 05/07/26 12:23 | 05/08/26 09:35 | 1       |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

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

Lab Sample ID: MB 885-48242/1-A  
Matrix: Solid  
Analysis Batch: 48280

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 48242

| Surrogate                   | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 89              |                 | 70 - 130 | 05/07/26 12:23 | 05/08/26 09:35 | 1       |

Lab Sample ID: LCS 885-48242/3-A  
Matrix: Solid  
Analysis Batch: 48280

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 48242

| Analyte             | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|---------------------|----------------|---------------|------------------|-------|---|------|----------------|
| Benzene             | 1.00           | 0.917         |                  | mg/Kg |   | 92   | 70 - 130       |
| Ethylbenzene        | 1.00           | 0.909         |                  | mg/Kg |   | 91   | 70 - 130       |
| m-Xylene & p-Xylene | 2.00           | 1.72          |                  | mg/Kg |   | 86   | 70 - 130       |
| o-Xylene            | 1.00           | 0.825         |                  | mg/Kg |   | 83   | 70 - 130       |
| Toluene             | 1.00           | 0.953         |                  | mg/Kg |   | 95   | 70 - 130       |

| Surrogate                   | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|------------------|------------------|----------|
| 4-Bromofluorobenzene (Surr) | 89               |                  | 70 - 130 |

Lab Sample ID: 885-48763-19 MS  
Matrix: Solid  
Analysis Batch: 48280

Client Sample ID: BH26-12 0.0'  
Prep Type: Total/NA  
Prep Batch: 48242

| Analyte             | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|---------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Benzene             | ND               |                     | 0.929          | 0.723        |                 | mg/Kg |   | 78   | 70 - 130       |
| Ethylbenzene        | ND               |                     | 0.929          | 0.713        |                 | mg/Kg |   | 77   | 70 - 130       |
| m-Xylene & p-Xylene | ND               |                     | 1.86           | 1.36         |                 | mg/Kg |   | 73   | 70 - 130       |
| o-Xylene            | ND               |                     | 0.929          | 0.650        |                 | mg/Kg |   | 70   | 70 - 130       |
| Toluene             | ND               |                     | 0.929          | 0.766        |                 | mg/Kg |   | 82   | 70 - 130       |

| Surrogate                   | MS<br>%Recovery | MS<br>Qualifier | Limits   |
|-----------------------------|-----------------|-----------------|----------|
| 4-Bromofluorobenzene (Surr) | 90              |                 | 70 - 130 |

Lab Sample ID: 885-48763-19 MSD  
Matrix: Solid  
Analysis Batch: 48280

Client Sample ID: BH26-12 0.0'  
Prep Type: Total/NA  
Prep Batch: 48242

| Analyte             | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|---------------------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Benzene             | ND               |                     | 0.927          | 0.796         |                  | mg/Kg |   | 86   | 70 - 130       | 10  | 20           |
| Ethylbenzene        | ND               |                     | 0.927          | 0.802         |                  | mg/Kg |   | 87   | 70 - 130       | 12  | 20           |
| m-Xylene & p-Xylene | ND               |                     | 1.85           | 1.51          |                  | mg/Kg |   | 81   | 70 - 130       | 11  | 20           |
| o-Xylene            | ND               |                     | 0.927          | 0.723         |                  | mg/Kg |   | 78   | 70 - 130       | 11  | 20           |
| Toluene             | ND               |                     | 0.927          | 0.851         |                  | mg/Kg |   | 92   | 70 - 130       | 11  | 20           |

| Surrogate                   | MSD<br>%Recovery | MSD<br>Qualifier | Limits   |
|-----------------------------|------------------|------------------|----------|
| 4-Bromofluorobenzene (Surr) | 91               |                  | 70 - 130 |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

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

Lab Sample ID: MB 885-48203/1-A

Matrix: Solid

Analysis Batch: 48226

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48203

| Analyte                            | MB<br>Result    | MB<br>Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------------|-----------------|----------|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND              |                 | 10       | mg/Kg |   | 05/07/26 09:29 | 05/07/26 14:29 | 1       |
| Motor Oil Range Organics [C28-C40] | ND              |                 | 50       | mg/Kg |   | 05/07/26 09:29 | 05/07/26 14:29 | 1       |
| Surrogate                          | MB<br>%Recovery | MB<br>Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| Di-n-octyl phthalate (Surr)        | 77              |                 | 62 - 134 |       |   | 05/07/26 09:29 | 05/07/26 14:29 | 1       |

Lab Sample ID: LCS 885-48203/2-A

Matrix: Solid

Analysis Batch: 48226

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48203

| Analyte                            | Spike<br>Added   | LCS<br>Result    | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|------------------------------------|------------------|------------------|------------------|-------|---|------|----------------|
| Diesel Range Organics<br>[C10-C28] | 50.0             | 52.2             |                  | mg/Kg |   | 104  | 58 - 144       |
| Surrogate                          | LCS<br>%Recovery | LCS<br>Qualifier | Limits           |       |   |      |                |
| Di-n-octyl phthalate (Surr)        | 66               |                  | 62 - 134         |       |   |      |                |

Lab Sample ID: 885-48763-17 MS

Matrix: Solid

Analysis Batch: 48226

Client Sample ID: BH26-04 0.0'

Prep Type: Total/NA

Prep Batch: 48203

| Analyte                            | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|------------------------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Diesel Range Organics<br>[C10-C28] | ND               |                     | 46.1           | 47.0         |                 | mg/Kg |   | 102  | 44 - 136       |
| Surrogate                          | MS<br>%Recovery  | MS<br>Qualifier     | Limits         |              |                 |       |   |      |                |
| Di-n-octyl phthalate (Surr)        | 67               |                     | 62 - 134       |              |                 |       |   |      |                |

Lab Sample ID: 885-48763-17 MSD

Matrix: Solid

Analysis Batch: 48226

Client Sample ID: BH26-04 0.0'

Prep Type: Total/NA

Prep Batch: 48203

| Analyte                            | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|------------------------------------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Diesel Range Organics<br>[C10-C28] | ND               |                     | 49.0           | 50.3          |                  | mg/Kg |   | 103  | 44 - 136       | 7   | 32           |
| Surrogate                          | MSD<br>%Recovery | MSD<br>Qualifier    | Limits         |               |                  |       |   |      |                |     |              |
| Di-n-octyl phthalate (Surr)        | 66               |                     | 62 - 134       |               |                  |       |   |      |                |     |              |

Lab Sample ID: MB 885-48288/1-A

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48288

| Analyte                            | MB<br>Result | MB<br>Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|--------------|-----------------|----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28]    | ND           |                 | 10 | mg/Kg |   | 05/08/26 09:44 | 05/08/26 23:57 | 1       |
| Motor Oil Range Organics [C28-C40] | ND           |                 | 50 | mg/Kg |   | 05/08/26 09:44 | 05/08/26 23:57 | 1       |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

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

Lab Sample ID: MB 885-48288/1-A

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48288

|                             | MB        | MB        |          |                |                |         |  |  |  |  |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|--|--|--|--|
| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |  |  |  |  |
| Di-n-octyl phthalate (Surr) | 87        |           | 62 - 134 | 05/08/26 09:44 | 05/08/26 23:57 | 1       |  |  |  |  |

Lab Sample ID: LCS 885-48288/2-A

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48288

|                                 |           |           | Spike    | LCS    | LCS       |       |   |      | %Rec     |  |
|---------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|--|
| Analyte                         |           |           | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   |  |
| Diesel Range Organics [C10-C28] |           |           | 50.0     | 43.5   |           | mg/Kg |   | 87   | 58 - 144 |  |
| Surrogate                       | %Recovery | Qualifier | Limits   |        |           |       |   |      |          |  |
| Di-n-octyl phthalate (Surr)     | 79        |           | 62 - 134 |        |           |       |   |      |          |  |

Lab Sample ID: 885-48763-8 MS

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: BH26-09 6.0'

Prep Type: Total/NA

Prep Batch: 48288

|                                 | Sample    | Sample    | Spike    | MS     | MS        |       |   |      | %Rec     |  |
|---------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|--|
| Analyte                         | Result    | Qualifier | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   |  |
| Diesel Range Organics [C10-C28] | ND        |           | 48.4     | 42.9   |           | mg/Kg |   | 89   | 44 - 136 |  |
| Surrogate                       | %Recovery | Qualifier | Limits   |        |           |       |   |      |          |  |
| Di-n-octyl phthalate (Surr)     | 82        |           | 62 - 134 |        |           |       |   |      |          |  |

Lab Sample ID: 885-48763-8 MSD

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: BH26-09 6.0'

Prep Type: Total/NA

Prep Batch: 48288

|                                 | Sample    | Sample    | Spike    | MSD    | MSD       |       |   |      | %Rec     |     | RPD   |  |
|---------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|-----|-------|--|
| Analyte                         | Result    | Qualifier | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |  |
| Diesel Range Organics [C10-C28] | ND        |           | 47.3     | 42.1   |           | mg/Kg |   | 89   | 44 - 136 | 2   | 32    |  |
| Surrogate                       | %Recovery | Qualifier | Limits   |        |           |       |   |      |          |     |       |  |
| Di-n-octyl phthalate (Surr)     | 84        |           | 62 - 134 |        |           |       |   |      |          |     |       |  |

Lab Sample ID: MB 885-48320/1-A

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48320

|                                    | MB        | MB        |          |       |   |                |                |         |  |  |
|------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|--|--|
| Analyte                            | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |  |  |
| Diesel Range Organics [C10-C28]    | ND        |           | 10       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 19:03 | 1       |  |  |
| Motor Oil Range Organics [C28-C40] | ND        |           | 50       | mg/Kg |   | 05/08/26 12:09 | 05/08/26 19:03 | 1       |  |  |
| Surrogate                          | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |  |  |
| Di-n-octyl phthalate (Surr)        | 86        |           | 62 - 134 |       |   | 05/08/26 12:09 | 05/08/26 19:03 | 1       |  |  |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

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

Lab Sample ID: LCS 885-48320/2-A

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48320

|                             |           |           | Spike    | LCS    | LCS       |       |   |      | %Rec     |  |  |
|-----------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|--|--|
| Analyte                     |           |           | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   |  |  |
| Diesel Range Organics       |           |           | 50.0     | 44.2   |           | mg/Kg |   | 88   | 58 - 144 |  |  |
| [C10-C28]                   |           |           |          |        |           |       |   |      |          |  |  |
|                             |           |           | LCS      | LCS    |           |       |   |      |          |  |  |
| Surrogate                   | %Recovery | Qualifier | Limits   |        |           |       |   |      |          |  |  |
| Di-n-octyl phthalate (Surr) | 80        |           | 62 - 134 |        |           |       |   |      |          |  |  |

Lab Sample ID: 885-48763-18 MS

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: BH26-04 2.0'

Prep Type: Total/NA

Prep Batch: 48320

|                                    | Sample          | Sample          | Spike    | MS     | MS        |       |   |      | %Rec     |  |  |
|------------------------------------|-----------------|-----------------|----------|--------|-----------|-------|---|------|----------|--|--|
| Analyte                            | Result          | Qualifier       | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   |  |  |
| Diesel Range Organics<br>[C10-C28] | ND              |                 | 49.9     | 46.5   |           | mg/Kg |   | 93   | 44 - 136 |  |  |
| Surrogate                          | MS<br>%Recovery | MS<br>Qualifier | Limits   |        |           |       |   |      |          |  |  |
| Di-n-octyl phthalate (Surr)        | 83              |                 | 62 - 134 |        |           |       |   |      |          |  |  |

Lab Sample ID: 885-48763-18 MSD

Matrix: Solid

Analysis Batch: 48281

Client Sample ID: BH26-04 2.0'

Prep Type: Total/NA

Prep Batch: 48320

|                                    | Sample           | Sample           | Spike    | MSD    | MSD       |       |   |      | %Rec     |     | RPD   |
|------------------------------------|------------------|------------------|----------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte                            | Result           | Qualifier        | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |
| Diesel Range Organics<br>[C10-C28] | ND               |                  | 49.7     | 46.3   |           | mg/Kg |   | 93   | 44 - 136 | 0   | 32    |
| Surrogate                          | MSD<br>%Recovery | MSD<br>Qualifier | Limits   |        |           |       |   |      |          |     |       |
| Di-n-octyl phthalate (Surr)        | 84               |                  | 62 - 134 |        |           |       |   |      |          |     |       |

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-48214/1-A

Matrix: Solid

Analysis Batch: 48261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48214

| Analyte  | MB Result | MB Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|-----------|--------------|-----|-------|---|----------------|----------------|---------|
| Chloride | ND        |              | 5.0 | mg/Kg |   | 05/07/26 10:35 | 05/08/26 11:37 | 1       |

Lab Sample ID: LCS 885-48214/2-A

Matrix: Solid

Analysis Batch: 48261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48214

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 50.2        | 52.6       |               | mg/Kg |   | 105  | 90 - 110    |

Eurofins Albuquerque

## QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-48228/1-A

Matrix: Solid

Analysis Batch: 48246

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48228

| Analyte  | MB<br>Result | MB<br>Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------------|-----------------|-----|-------|---|----------------|----------------|---------|
| Chloride | ND           |                 | 5.0 | mg/Kg |   | 05/07/26 11:29 | 05/07/26 14:59 | 1       |

Lab Sample ID: LCS 885-48228/2-A

Matrix: Solid

Analysis Batch: 48246

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48228

| Analyte  | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|----------|----------------|---------------|------------------|-------|---|------|----------------|
| Chloride | 49.7           | 48.6          |                  | mg/Kg |   | 98   | 90 - 110       |

Lab Sample ID: MB 885-48373/1-A

Matrix: Solid

Analysis Batch: 48375

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48373

| Analyte  | MB<br>Result | MB<br>Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------------|-----------------|-----|-------|---|----------------|----------------|---------|
| Chloride | ND           |                 | 5.1 | mg/Kg |   | 05/10/26 08:57 | 05/10/26 09:36 | 1       |

Lab Sample ID: LCS 885-48373/2-A

Matrix: Solid

Analysis Batch: 48375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48373

| Analyte  | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|----------|----------------|---------------|------------------|-------|---|------|----------------|
| Chloride | 50.8           | 50.2          |                  | mg/Kg |   | 99   | 90 - 110       |

Lab Sample ID: 885-48763-18 MS

Matrix: Solid

Analysis Batch: 48375

Client Sample ID: BH26-04 2.0'

Prep Type: Total/NA

Prep Batch: 48373

| Analyte  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Chloride | ND               |                     | 50.5           | 63.9         |                 | mg/Kg |   | NC   | 50 - 150       |

Lab Sample ID: 885-48763-18 MSD

Matrix: Solid

Analysis Batch: 48375

Client Sample ID: BH26-04 2.0'

Prep Type: Total/NA

Prep Batch: 48373

| Analyte  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Chloride | ND               |                     | 50.2           | 63.3          |                  | mg/Kg |   | 126  | 50 - 150       | 1   | 20           |

Lab Sample ID: 885-48763-19 MS

Matrix: Solid

Analysis Batch: 48375

Client Sample ID: BH26-12 0.0'

Prep Type: Total/NA

Prep Batch: 48373

| Analyte  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Chloride | 240              |                     | 50.5           | 296          | 4               | mg/Kg |   | 102  | 50 - 150       |

Lab Sample ID: 885-48763-19 MSD

Matrix: Solid

Analysis Batch: 48375

Client Sample ID: BH26-12 0.0'

Prep Type: Total/NA

Prep Batch: 48373

| Analyte  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Chloride | 240              |                     | 50.5           | 304           | 4                | mg/Kg |   | 117  | 50 - 150       | 3   | 20           |

Eurofins Albuquerque

QC Sample Results

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Method: 300.0 - Anions, Ion Chromatography

|                                 |             |            |               |                                      |   |      |             |
|---------------------------------|-------------|------------|---------------|--------------------------------------|---|------|-------------|
| Lab Sample ID: MRL 885-48631/38 |             |            |               | Client Sample ID: Lab Control Sample |   |      |             |
| Matrix: Solid                   |             |            |               | Prep Type: Total/NA                  |   |      |             |
| Analysis Batch: 48631           |             |            |               |                                      |   |      |             |
| Analyte                         | Spike Added | MRL Result | MRL Qualifier | Unit                                 | D | %Rec | %Rec Limits |
| Chloride                        | 0.500       | 0.520      |               | mg/L                                 |   | 104  | 50 - 150    |

## QC Association Summary

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

## GC VOA

## Prep Batch: 48149

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-1       | BH26-08 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-2       | BH26-08 1.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-3       | BH26-08 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-4       | BH26-09 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-5       | BH26-10 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-6       | BH26-11 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-7       | BH26-11 3.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-8       | BH26-09 6.0'       | Total/NA  | Solid  | 5030C  |            |
| MB 885-48149/1-A  | Method Blank       | Total/NA  | Solid  | 5030C  |            |
| LCS 885-48149/2-A | Lab Control Sample | Total/NA  | Solid  | 5030C  |            |
| LCS 885-48149/3-A | Lab Control Sample | Total/NA  | Solid  | 5030C  |            |

## Prep Batch: 48170

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-9       | BH26-09 7.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-10      | BH26-10 9.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-11      | BH26-01 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-12      | BH26-01 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-13      | BH26-02 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-14      | BH26-02 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-15      | BH26-03 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-16      | BH26-03 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-17      | BH26-04 0.0'       | Total/NA  | Solid  | 5030C  |            |
| MB 885-48170/1-A  | Method Blank       | Total/NA  | Solid  | 5030C  |            |
| LCS 885-48170/2-A | Lab Control Sample | Total/NA  | Solid  | 5030C  |            |
| LCS 885-48170/3-A | Lab Control Sample | Total/NA  | Solid  | 5030C  |            |
| 885-48763-9 MS    | BH26-09 7.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-9 MSD   | BH26-09 7.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-10 MS   | BH26-10 9.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-10 MSD  | BH26-10 9.0'       | Total/NA  | Solid  | 5030C  |            |

## Analysis Batch: 48192

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method  | Prep Batch |
|-------------------|--------------------|-----------|--------|---------|------------|
| 885-48763-9       | BH26-09 7.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-10      | BH26-10 9.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-11      | BH26-01 0.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-12      | BH26-01 2.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-13      | BH26-02 0.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-14      | BH26-02 2.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-15      | BH26-03 0.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-16      | BH26-03 2.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-17      | BH26-04 0.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| MB 885-48170/1-A  | Method Blank       | Total/NA  | Solid  | 8015M/D | 48170      |
| LCS 885-48170/2-A | Lab Control Sample | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-9 MS    | BH26-09 7.0'       | Total/NA  | Solid  | 8015M/D | 48170      |
| 885-48763-9 MSD   | BH26-09 7.0'       | Total/NA  | Solid  | 8015M/D | 48170      |

## Analysis Batch: 48193

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-48763-9   | BH26-09 7.0'     | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-10  | BH26-10 9.0'     | Total/NA  | Solid  | 8021B  | 48170      |

Eurofins Albuquerque

## QC Association Summary

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

## GC VOA (Continued)

## Analysis Batch: 48193 (Continued)

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-11      | BH26-01 0.0'       | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-12      | BH26-01 2.0'       | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-13      | BH26-02 0.0'       | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-14      | BH26-02 2.0'       | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-15      | BH26-03 0.0'       | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-16      | BH26-03 2.0'       | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-17      | BH26-04 0.0'       | Total/NA  | Solid  | 8021B  | 48170      |
| MB 885-48170/1-A  | Method Blank       | Total/NA  | Solid  | 8021B  | 48170      |
| LCS 885-48170/3-A | Lab Control Sample | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-10 MS   | BH26-10 9.0'       | Total/NA  | Solid  | 8021B  | 48170      |
| 885-48763-10 MSD  | BH26-10 9.0'       | Total/NA  | Solid  | 8021B  | 48170      |

## Prep Batch: 48242

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-18      | BH26-04 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-19      | BH26-12 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-20      | BH26-12 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-21      | BH26-07 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-22      | BH26-07 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-23      | BH26-13 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-24      | BH26-13 2.0'       | Total/NA  | Solid  | 5030C  |            |
| MB 885-48242/1-A  | Method Blank       | Total/NA  | Solid  | 5030C  |            |
| LCS 885-48242/2-A | Lab Control Sample | Total/NA  | Solid  | 5030C  |            |
| LCS 885-48242/3-A | Lab Control Sample | Total/NA  | Solid  | 5030C  |            |
| 885-48763-18 MS   | BH26-04 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-18 MSD  | BH26-04 2.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-19 MS   | BH26-12 0.0'       | Total/NA  | Solid  | 5030C  |            |
| 885-48763-19 MSD  | BH26-12 0.0'       | Total/NA  | Solid  | 5030C  |            |

## Analysis Batch: 48276

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| MB 885-48149/1-A  | Method Blank       | Total/NA  | Solid  | 8021B  | 48149      |
| LCS 885-48149/3-A | Lab Control Sample | Total/NA  | Solid  | 8021B  | 48149      |

## Analysis Batch: 48277

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method  | Prep Batch |
|-------------------|--------------------|-----------|--------|---------|------------|
| MB 885-48149/1-A  | Method Blank       | Total/NA  | Solid  | 8015M/D | 48149      |
| LCS 885-48149/2-A | Lab Control Sample | Total/NA  | Solid  | 8015M/D | 48149      |

## Analysis Batch: 48279

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method  | Prep Batch |
|-------------------|--------------------|-----------|--------|---------|------------|
| 885-48763-18      | BH26-04 2.0'       | Total/NA  | Solid  | 8015M/D | 48242      |
| 885-48763-19      | BH26-12 0.0'       | Total/NA  | Solid  | 8015M/D | 48242      |
| 885-48763-20      | BH26-12 2.0'       | Total/NA  | Solid  | 8015M/D | 48242      |
| 885-48763-21      | BH26-07 0.0'       | Total/NA  | Solid  | 8015M/D | 48242      |
| 885-48763-22      | BH26-07 2.0'       | Total/NA  | Solid  | 8015M/D | 48242      |
| 885-48763-23      | BH26-13 0.0'       | Total/NA  | Solid  | 8015M/D | 48242      |
| 885-48763-24      | BH26-13 2.0'       | Total/NA  | Solid  | 8015M/D | 48242      |
| MB 885-48242/1-A  | Method Blank       | Total/NA  | Solid  | 8015M/D | 48242      |
| LCS 885-48242/2-A | Lab Control Sample | Total/NA  | Solid  | 8015M/D | 48242      |
| 885-48763-18 MS   | BH26-04 2.0'       | Total/NA  | Solid  | 8015M/D | 48242      |

Eurofins Albuquerque

## QC Association Summary

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

## GC VOA (Continued)

## Analysis Batch: 48279 (Continued)

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method  | Prep Batch |
|------------------|------------------|-----------|--------|---------|------------|
| 885-48763-18 MSD | BH26-04 2.0'     | Total/NA  | Solid  | 8015M/D | 48242      |

## Analysis Batch: 48280

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-18      | BH26-04 2.0'       | Total/NA  | Solid  | 8021B  | 48242      |
| 885-48763-19      | BH26-12 0.0'       | Total/NA  | Solid  | 8021B  | 48242      |
| 885-48763-20      | BH26-12 2.0'       | Total/NA  | Solid  | 8021B  | 48242      |
| 885-48763-21      | BH26-07 0.0'       | Total/NA  | Solid  | 8021B  | 48242      |
| 885-48763-22      | BH26-07 2.0'       | Total/NA  | Solid  | 8021B  | 48242      |
| 885-48763-23      | BH26-13 0.0'       | Total/NA  | Solid  | 8021B  | 48242      |
| 885-48763-24      | BH26-13 2.0'       | Total/NA  | Solid  | 8021B  | 48242      |
| MB 885-48242/1-A  | Method Blank       | Total/NA  | Solid  | 8021B  | 48242      |
| LCS 885-48242/3-A | Lab Control Sample | Total/NA  | Solid  | 8021B  | 48242      |
| 885-48763-19 MS   | BH26-12 0.0'       | Total/NA  | Solid  | 8021B  | 48242      |
| 885-48763-19 MSD  | BH26-12 0.0'       | Total/NA  | Solid  | 8021B  | 48242      |

## Analysis Batch: 48286

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method  | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 885-48763-1   | BH26-08 0.0'     | Total/NA  | Solid  | 8015M/D | 48149      |
| 885-48763-2   | BH26-08 1.0'     | Total/NA  | Solid  | 8015M/D | 48149      |
| 885-48763-3   | BH26-08 2.0'     | Total/NA  | Solid  | 8015M/D | 48149      |
| 885-48763-4   | BH26-09 0.0'     | Total/NA  | Solid  | 8015M/D | 48149      |
| 885-48763-5   | BH26-10 0.0'     | Total/NA  | Solid  | 8015M/D | 48149      |
| 885-48763-6   | BH26-11 0.0'     | Total/NA  | Solid  | 8015M/D | 48149      |
| 885-48763-7   | BH26-11 3.0'     | Total/NA  | Solid  | 8015M/D | 48149      |
| 885-48763-8   | BH26-09 6.0'     | Total/NA  | Solid  | 8015M/D | 48149      |

## Analysis Batch: 48287

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-48763-1   | BH26-08 0.0'     | Total/NA  | Solid  | 8021B  | 48149      |
| 885-48763-2   | BH26-08 1.0'     | Total/NA  | Solid  | 8021B  | 48149      |
| 885-48763-3   | BH26-08 2.0'     | Total/NA  | Solid  | 8021B  | 48149      |
| 885-48763-4   | BH26-09 0.0'     | Total/NA  | Solid  | 8021B  | 48149      |
| 885-48763-5   | BH26-10 0.0'     | Total/NA  | Solid  | 8021B  | 48149      |
| 885-48763-6   | BH26-11 0.0'     | Total/NA  | Solid  | 8021B  | 48149      |
| 885-48763-7   | BH26-11 3.0'     | Total/NA  | Solid  | 8021B  | 48149      |
| 885-48763-8   | BH26-09 6.0'     | Total/NA  | Solid  | 8021B  | 48149      |

## GC Semi VOA

## Prep Batch: 48203

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-48763-9   | BH26-09 7.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-10  | BH26-10 9.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-11  | BH26-01 0.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-12  | BH26-01 2.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-13  | BH26-02 0.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-14  | BH26-02 2.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-15  | BH26-03 0.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-16  | BH26-03 2.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-17  | BH26-04 0.0'     | Total/NA  | Solid  | SHAKE  |            |

Eurofins Albuquerque

## QC Association Summary

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

## GC Semi VOA (Continued)

## Prep Batch: 48203 (Continued)

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| MB 885-48203/1-A  | Method Blank       | Total/NA  | Solid  | SHAKE  |            |
| LCS 885-48203/2-A | Lab Control Sample | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-17 MS   | BH26-04 0.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-17 MSD  | BH26-04 0.0'       | Total/NA  | Solid  | SHAKE  |            |

## Analysis Batch: 48226

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method  | Prep Batch |
|-------------------|--------------------|-----------|--------|---------|------------|
| 885-48763-9       | BH26-09 7.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-10      | BH26-10 9.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-11      | BH26-01 0.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-12      | BH26-01 2.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-13      | BH26-02 0.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-14      | BH26-02 2.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-15      | BH26-03 0.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-16      | BH26-03 2.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-17      | BH26-04 0.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| MB 885-48203/1-A  | Method Blank       | Total/NA  | Solid  | 8015M/D | 48203      |
| LCS 885-48203/2-A | Lab Control Sample | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-17 MS   | BH26-04 0.0'       | Total/NA  | Solid  | 8015M/D | 48203      |
| 885-48763-17 MSD  | BH26-04 0.0'       | Total/NA  | Solid  | 8015M/D | 48203      |

## Analysis Batch: 48281

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method  | Prep Batch |
|-------------------|--------------------|-----------|--------|---------|------------|
| 885-48763-1       | BH26-08 0.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-2       | BH26-08 1.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-3       | BH26-08 2.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-4       | BH26-09 0.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-5       | BH26-10 0.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-6       | BH26-11 0.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-7       | BH26-11 3.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-8       | BH26-09 6.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-18      | BH26-04 2.0'       | Total/NA  | Solid  | 8015M/D | 48320      |
| 885-48763-19      | BH26-12 0.0'       | Total/NA  | Solid  | 8015M/D | 48320      |
| 885-48763-20      | BH26-12 2.0'       | Total/NA  | Solid  | 8015M/D | 48320      |
| 885-48763-21      | BH26-07 0.0'       | Total/NA  | Solid  | 8015M/D | 48320      |
| 885-48763-22      | BH26-07 2.0'       | Total/NA  | Solid  | 8015M/D | 48320      |
| 885-48763-23      | BH26-13 0.0'       | Total/NA  | Solid  | 8015M/D | 48320      |
| 885-48763-24      | BH26-13 2.0'       | Total/NA  | Solid  | 8015M/D | 48320      |
| MB 885-48288/1-A  | Method Blank       | Total/NA  | Solid  | 8015M/D | 48288      |
| MB 885-48320/1-A  | Method Blank       | Total/NA  | Solid  | 8015M/D | 48320      |
| LCS 885-48288/2-A | Lab Control Sample | Total/NA  | Solid  | 8015M/D | 48288      |
| LCS 885-48320/2-A | Lab Control Sample | Total/NA  | Solid  | 8015M/D | 48320      |
| 885-48763-8 MS    | BH26-09 6.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-8 MSD   | BH26-09 6.0'       | Total/NA  | Solid  | 8015M/D | 48288      |
| 885-48763-18 MS   | BH26-04 2.0'       | Total/NA  | Solid  | 8015M/D | 48320      |
| 885-48763-18 MSD  | BH26-04 2.0'       | Total/NA  | Solid  | 8015M/D | 48320      |

## Prep Batch: 48288

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-48763-1   | BH26-08 0.0'     | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-2   | BH26-08 1.0'     | Total/NA  | Solid  | SHAKE  |            |

Eurofins Albuquerque

## QC Association Summary

Client: Vertex

Job ID: 885-48763-1

Project/Site: Aleutian 10 CTB 2

## GC Semi VOA (Continued)

## Prep Batch: 48288 (Continued)

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-3       | BH26-08 2.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-4       | BH26-09 0.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-5       | BH26-10 0.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-6       | BH26-11 0.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-7       | BH26-11 3.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-8       | BH26-09 6.0'       | Total/NA  | Solid  | SHAKE  |            |
| MB 885-48288/1-A  | Method Blank       | Total/NA  | Solid  | SHAKE  |            |
| LCS 885-48288/2-A | Lab Control Sample | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-8 MS    | BH26-09 6.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-8 MSD   | BH26-09 6.0'       | Total/NA  | Solid  | SHAKE  |            |

## Prep Batch: 48320

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-18      | BH26-04 2.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-19      | BH26-12 0.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-20      | BH26-12 2.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-21      | BH26-07 0.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-22      | BH26-07 2.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-23      | BH26-13 0.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-24      | BH26-13 2.0'       | Total/NA  | Solid  | SHAKE  |            |
| MB 885-48320/1-A  | Method Blank       | Total/NA  | Solid  | SHAKE  |            |
| LCS 885-48320/2-A | Lab Control Sample | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-18 MS   | BH26-04 2.0'       | Total/NA  | Solid  | SHAKE  |            |
| 885-48763-18 MSD  | BH26-04 2.0'       | Total/NA  | Solid  | SHAKE  |            |

## HPLC/IC

## Prep Batch: 48214

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 885-48763-1       | BH26-08 0.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-2       | BH26-08 1.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-3       | BH26-08 2.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-4       | BH26-09 0.0'       | Total/NA  | Solid  | 300_Prep |            |
| MB 885-48214/1-A  | Method Blank       | Total/NA  | Solid  | 300_Prep |            |
| LCS 885-48214/2-A | Lab Control Sample | Total/NA  | Solid  | 300_Prep |            |

## Prep Batch: 48228

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 885-48763-5   | BH26-10 0.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-6   | BH26-11 0.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-7   | BH26-11 3.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-8   | BH26-09 6.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-9   | BH26-09 7.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-10  | BH26-10 9.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-11  | BH26-01 0.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-12  | BH26-01 2.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-13  | BH26-02 0.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-14  | BH26-02 2.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-15  | BH26-03 0.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-16  | BH26-03 2.0'     | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-17  | BH26-04 0.0'     | Total/NA  | Solid  | 300_Prep |            |

Eurofins Albuquerque

## QC Association Summary

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

## HPLC/IC (Continued)

## Prep Batch: 48228 (Continued)

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| MB 885-48228/1-A  | Method Blank       | Total/NA  | Solid  | 300_Prep |            |
| LCS 885-48228/2-A | Lab Control Sample | Total/NA  | Solid  | 300_Prep |            |

## Analysis Batch: 48246

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-7       | BH26-11 3.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-8       | BH26-09 6.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-9       | BH26-09 7.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-10      | BH26-10 9.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-11      | BH26-01 0.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-12      | BH26-01 2.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-13      | BH26-02 0.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-14      | BH26-02 2.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-15      | BH26-03 0.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-16      | BH26-03 2.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-17      | BH26-04 0.0'       | Total/NA  | Solid  | 300.0  | 48228      |
| MB 885-48228/1-A  | Method Blank       | Total/NA  | Solid  | 300.0  | 48228      |
| LCS 885-48228/2-A | Lab Control Sample | Total/NA  | Solid  | 300.0  | 48228      |

## Analysis Batch: 48261

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-1       | BH26-08 0.0'       | Total/NA  | Solid  | 300.0  | 48214      |
| 885-48763-2       | BH26-08 1.0'       | Total/NA  | Solid  | 300.0  | 48214      |
| 885-48763-3       | BH26-08 2.0'       | Total/NA  | Solid  | 300.0  | 48214      |
| MB 885-48214/1-A  | Method Blank       | Total/NA  | Solid  | 300.0  | 48214      |
| LCS 885-48214/2-A | Lab Control Sample | Total/NA  | Solid  | 300.0  | 48214      |

## Analysis Batch: 48292

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-48763-5   | BH26-10 0.0'     | Total/NA  | Solid  | 300.0  | 48228      |
| 885-48763-6   | BH26-11 0.0'     | Total/NA  | Solid  | 300.0  | 48228      |

## Prep Batch: 48373

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 885-48763-18      | BH26-04 2.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-19      | BH26-12 0.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-20      | BH26-12 2.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-21      | BH26-07 0.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-22      | BH26-07 2.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-23      | BH26-13 0.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-24      | BH26-13 2.0'       | Total/NA  | Solid  | 300_Prep |            |
| MB 885-48373/1-A  | Method Blank       | Total/NA  | Solid  | 300_Prep |            |
| LCS 885-48373/2-A | Lab Control Sample | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-18 MS   | BH26-04 2.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-18 MSD  | BH26-04 2.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-19 MS   | BH26-12 0.0'       | Total/NA  | Solid  | 300_Prep |            |
| 885-48763-19 MSD  | BH26-12 0.0'       | Total/NA  | Solid  | 300_Prep |            |

## Analysis Batch: 48375

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 885-48763-18  | BH26-04 2.0'     | Total/NA  | Solid  | 300.0  | 48373      |

Eurofins Albuquerque

## QC Association Summary

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

## HPLC/IC (Continued)

## Analysis Batch: 48375 (Continued)

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-19      | BH26-12 0.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-20      | BH26-12 2.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-21      | BH26-07 0.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-22      | BH26-07 2.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-23      | BH26-13 0.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-24      | BH26-13 2.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| MB 885-48373/1-A  | Method Blank       | Total/NA  | Solid  | 300.0  | 48373      |
| LCS 885-48373/2-A | Lab Control Sample | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-18 MS   | BH26-04 2.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-18 MSD  | BH26-04 2.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-19 MS   | BH26-12 0.0'       | Total/NA  | Solid  | 300.0  | 48373      |
| 885-48763-19 MSD  | BH26-12 0.0'       | Total/NA  | Solid  | 300.0  | 48373      |

## Analysis Batch: 48631

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 885-48763-4      | BH26-09 0.0'       | Total/NA  | Solid  | 300.0  | 48214      |
| MRL 885-48631/38 | Lab Control Sample | Total/NA  | Solid  | 300.0  |            |

Eurofins Albuquerque

## Lab Chronicle

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-08 0.0'

Lab Sample ID: 885-48763-1

Date Collected: 04/29/26 09:55

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48286        | AT      | EET ALB | 05/08/26 11:28       |
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48287        | AT      | EET ALB | 05/08/26 11:28       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48288        | DH      | EET ALB | 05/08/26 09:45       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/09/26 03:00       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48214        | MS      | EET ALB | 05/07/26 10:35       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48261        | MS      | EET ALB | 05/08/26 17:32       |

Client Sample ID: BH26-08 1.0'

Lab Sample ID: 885-48763-2

Date Collected: 04/29/26 10:00

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48286        | AT      | EET ALB | 05/08/26 11:50       |
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48287        | AT      | EET ALB | 05/08/26 11:50       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48288        | DH      | EET ALB | 05/08/26 09:45       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/09/26 03:12       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48214        | MS      | EET ALB | 05/07/26 10:35       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48261        | MS      | EET ALB | 05/08/26 17:46       |

Client Sample ID: BH26-08 2.0'

Lab Sample ID: 885-48763-3

Date Collected: 04/29/26 10:10

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48286        | AT      | EET ALB | 05/08/26 12:12       |
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48287        | AT      | EET ALB | 05/08/26 12:12       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48288        | DH      | EET ALB | 05/08/26 09:45       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/09/26 03:24       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48214        | MS      | EET ALB | 05/07/26 10:35       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48261        | MS      | EET ALB | 05/08/26 18:00       |

Client Sample ID: BH26-09 0.0'

Lab Sample ID: 885-48763-4

Date Collected: 04/29/26 10:30

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48286        | AT      | EET ALB | 05/08/26 12:34       |

Eurofins Albuquerque

## Lab Chronicle

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-09 0.0'

Lab Sample ID: 885-48763-4

Date Collected: 04/29/26 10:30

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48287        | AT      | EET ALB | 05/08/26 12:34       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48288        | DH      | EET ALB | 05/08/26 09:45       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/09/26 03:36       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48214        | MS      | EET ALB | 05/07/26 10:35       |
| Total/NA  | Analysis   | 300.0        |     | 20              | 48631        | MS      | EET ALB | 05/14/26 17:19       |

Client Sample ID: BH26-10 0.0'

Lab Sample ID: 885-48763-5

Date Collected: 04/29/26 11:40

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48286        | AT      | EET ALB | 05/08/26 12:56       |
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48287        | AT      | EET ALB | 05/08/26 12:56       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48288        | DH      | EET ALB | 05/08/26 09:45       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/09/26 03:48       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 20              | 48292        | MS      | EET ALB | 05/08/26 14:04       |

Client Sample ID: BH26-11 0.0'

Lab Sample ID: 885-48763-6

Date Collected: 04/29/26 12:55

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48286        | AT      | EET ALB | 05/08/26 13:18       |
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48287        | AT      | EET ALB | 05/08/26 13:18       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48288        | DH      | EET ALB | 05/08/26 09:45       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/09/26 04:12       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 20              | 48292        | MS      | EET ALB | 05/08/26 14:18       |

Client Sample ID: BH26-11 3.0'

Lab Sample ID: 885-48763-7

Date Collected: 04/29/26 13:20

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48286        | AT      | EET ALB | 05/08/26 13:40       |
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48287        | AT      | EET ALB | 05/08/26 13:40       |

Eurofins Albuquerque

## Lab Chronicle

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-11 3.0'

Lab Sample ID: 885-48763-7

Date Collected: 04/29/26 13:20

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | SHAKE        |     |                 | 48288        | DH      | EET ALB | 05/08/26 09:45       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/09/26 04:25       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 16:25       |

Client Sample ID: BH26-09 6.0'

Lab Sample ID: 885-48763-8

Date Collected: 04/30/26 09:50

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48286        | AT      | EET ALB | 05/08/26 14:02       |
| Total/NA  | Prep       | 5030C        |     |                 | 48149        | JP      | EET ALB | 05/06/26 13:36       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48287        | AT      | EET ALB | 05/08/26 14:02       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48288        | DH      | EET ALB | 05/08/26 09:45       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/09/26 04:37       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 16:36       |

Client Sample ID: BH26-09 7.0'

Lab Sample ID: 885-48763-9

Date Collected: 04/30/26 09:55

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 15:24       |
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 15:24       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 15:49       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 17:09       |

Client Sample ID: BH26-10 9.0'

Lab Sample ID: 885-48763-10

Date Collected: 04/30/26 11:50

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 16:35       |
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 16:35       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 16:01       |

Eurofins Albuquerque

Lab Chronicle

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-10 9.0'  
Date Collected: 04/30/26 11:50  
Date Received: 05/06/26 07:55

Lab Sample ID: 885-48763-10  
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 17:20       |

Client Sample ID: BH26-01 0.0'  
Date Collected: 04/30/26 13:00  
Date Received: 05/06/26 07:55

Lab Sample ID: 885-48763-11  
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 17:47       |
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 17:47       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 15:15       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 17:30       |

Client Sample ID: BH26-01 2.0'  
Date Collected: 04/30/26 13:10  
Date Received: 05/06/26 07:55

Lab Sample ID: 885-48763-12  
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 18:11       |
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 18:11       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 15:26       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 17:41       |

Client Sample ID: BH26-02 0.0'  
Date Collected: 04/30/26 13:20  
Date Received: 05/06/26 07:55

Lab Sample ID: 885-48763-13  
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 18:35       |
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 18:35       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 15:37       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 17:52       |

## Lab Chronicle

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-02 2.0'

Lab Sample ID: 885-48763-14

Date Collected: 04/30/26 13:25

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 18:59       |
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 18:59       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 16:12       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 18:03       |

Client Sample ID: BH26-03 0.0'

Lab Sample ID: 885-48763-15

Date Collected: 04/30/26 13:40

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 19:23       |
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 19:23       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 16:24       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 18:14       |

Client Sample ID: BH26-03 2.0'

Lab Sample ID: 885-48763-16

Date Collected: 04/30/26 13:45

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 19:47       |
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 19:47       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 16:35       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 18:25       |

Client Sample ID: BH26-04 0.0'

Lab Sample ID: 885-48763-17

Date Collected: 05/01/26 10:15

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48192        | VP      | EET ALB | 05/07/26 20:11       |

Eurofins Albuquerque

## Lab Chronicle

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-04 0.0'

Lab Sample ID: 885-48763-17

Date Collected: 05/01/26 10:15

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48170        | VP      | EET ALB | 05/06/26 15:56       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48193        | VP      | EET ALB | 05/07/26 20:11       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48203        | DH      | EET ALB | 05/07/26 09:30       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48226        | DH      | EET ALB | 05/07/26 16:47       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48228        | MS      | EET ALB | 05/07/26 11:29       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48246        | MS      | EET ALB | 05/07/26 18:36       |

Client Sample ID: BH26-04 2.0'

Lab Sample ID: 885-48763-18

Date Collected: 05/01/26 10:25

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48279        | VP      | EET ALB | 05/08/26 11:58       |
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48280        | VP      | EET ALB | 05/08/26 11:58       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48320        | JF      | EET ALB | 05/08/26 12:09       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/08/26 19:28       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48373        | JT      | EET ALB | 05/10/26 08:57       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48375        | JT      | EET ALB | 05/10/26 10:31       |

Client Sample ID: BH26-12 0.0'

Lab Sample ID: 885-48763-19

Date Collected: 05/01/26 13:25

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48279        | VP      | EET ALB | 05/08/26 13:10       |
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48280        | VP      | EET ALB | 05/08/26 13:10       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48320        | JF      | EET ALB | 05/08/26 12:09       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/08/26 20:04       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48373        | JT      | EET ALB | 05/10/26 08:57       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48375        | JT      | EET ALB | 05/10/26 11:12       |

Client Sample ID: BH26-12 2.0'

Lab Sample ID: 885-48763-20

Date Collected: 05/01/26 13:35

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48279        | VP      | EET ALB | 05/08/26 14:21       |
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48280        | VP      | EET ALB | 05/08/26 14:21       |

Eurofins Albuquerque

## Lab Chronicle

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

Client Sample ID: BH26-12 2.0'

Lab Sample ID: 885-48763-20

Date Collected: 05/01/26 13:35

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | SHAKE        |     |                 | 48320        | JF      | EET ALB | 05/08/26 12:09       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/08/26 20:17       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48373        | JT      | EET ALB | 05/10/26 08:57       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48375        | JT      | EET ALB | 05/10/26 12:20       |

Client Sample ID: BH26-07 0.0'

Lab Sample ID: 885-48763-21

Date Collected: 05/02/26 09:30

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48279        | VP      | EET ALB | 05/08/26 14:45       |
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48280        | VP      | EET ALB | 05/08/26 14:45       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48320        | JF      | EET ALB | 05/08/26 12:09       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/08/26 20:29       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48373        | JT      | EET ALB | 05/10/26 08:57       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48375        | JT      | EET ALB | 05/10/26 12:34       |

Client Sample ID: BH26-07 2.0'

Lab Sample ID: 885-48763-22

Date Collected: 05/02/26 09:35

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48279        | VP      | EET ALB | 05/08/26 15:09       |
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48280        | VP      | EET ALB | 05/08/26 15:09       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48320        | JF      | EET ALB | 05/08/26 12:09       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/08/26 20:41       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48373        | JT      | EET ALB | 05/10/26 08:57       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48375        | JT      | EET ALB | 05/10/26 12:47       |

Client Sample ID: BH26-13 0.0'

Lab Sample ID: 885-48763-23

Date Collected: 05/02/26 09:50

Matrix: Solid

Date Received: 05/06/26 07:55

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48279        | VP      | EET ALB | 05/08/26 15:56       |
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48280        | VP      | EET ALB | 05/08/26 15:56       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48320        | JF      | EET ALB | 05/08/26 12:09       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/08/26 20:53       |

Eurofins Albuquerque

Lab Chronicle

Client: Vertex  
Project/Site: Aleutian 10 CTB 2

Job ID: 885-48763-1

**Client Sample ID: BH26-13 0.0'**  
**Date Collected: 05/02/26 09:50**  
**Date Received: 05/06/26 07:55**

**Lab Sample ID: 885-48763-23**  
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 300_Prep     |     |                 | 48373        | JT      | EET ALB | 05/10/26 08:57       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48375        | JT      | EET ALB | 05/10/26 13:01       |

**Client Sample ID: BH26-13 2.0'**  
**Date Collected: 05/02/26 09:55**  
**Date Received: 05/06/26 07:55**

**Lab Sample ID: 885-48763-24**  
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48279        | VP      | EET ALB | 05/08/26 16:20       |
| Total/NA  | Prep       | 5030C        |     |                 | 48242        | VP      | EET ALB | 05/07/26 12:23       |
| Total/NA  | Analysis   | 8021B        |     | 1               | 48280        | VP      | EET ALB | 05/08/26 16:20       |
| Total/NA  | Prep       | SHAKE        |     |                 | 48320        | JF      | EET ALB | 05/08/26 12:09       |
| Total/NA  | Analysis   | 8015M/D      |     | 1               | 48281        | EM      | EET ALB | 05/08/26 21:18       |
| Total/NA  | Prep       | 300_Prep     |     |                 | 48373        | JT      | EET ALB | 05/10/26 08:57       |
| Total/NA  | Analysis   | 300.0        |     | 10              | 48375        | JT      | EET ALB | 05/10/26 13:15       |

**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: 885-48763-1

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                | 02-25-27                             |
| The following analytes are included in this report, but the laboratory is not certified by New Mexico State NM9425. 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              | 02-25-27                             |

## Chain-of-Custody Record

Client: **Vertex Resource Services**

(Direct bill to Devon; WO# 22129317)

Mailing Address **3101 Boyd Dr Carlsbad NM, 88220**

Phone #: **575-725-5001**

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other \_\_\_\_\_

☐ EDD (Type) \_\_\_\_\_

Turn-Around Time:

☒ Standard ☒ Rush\_5 day Standard

Project Name: **Aleutian 10 CTB 2**

Project #: **26A-02881**

Project Manager: **Kent Stallings, Sally Carttar**

**kstallings@vertex.ca scarttar@vertex.ca**

Sampler: **Andrew Ludvik**

On Ice: ☒ Yes ☐ No

# of Coolers: **1**

Cooler Temp (including CF): **0-9-0.2 = 0.2**

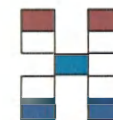
| Date    | Time  | Matrix | Sample Name  | Container Type and # | Preservative Type | HEAL No. |
|---------|-------|--------|--------------|----------------------|-------------------|----------|
| 4/29/26 | 9:55  | Soil   | BH26-08 0.0' | 1, 4oz jar           | ICE               |          |
| 4/29/26 | 10:00 | Soil   | BH26-08 1.0' | 1, 4oz jar           | ICE               |          |
| 4/29/26 | 10:10 | Soil   | BH26-08 2.0' | 1, 4oz jar           | ICE               |          |
| 4/29/26 | 10:30 | Soil   | BH26-09 0.0' | 1, 4oz jar           | ICE               |          |
| 4/29/26 | 11:40 | Soil   | BH26-10 0.0' | 1, 4oz jar           | ICE               |          |
| 4/29/26 | 12:55 | Soil   | BH26-11 0.0' | 1, 4oz jar           | ICE               |          |
| 4/29/26 | 13:20 | Soil   | BH26-11 3.0' | 1, 4oz jar           | ICE               |          |
| 4/30/26 | 9:50  | Soil   | BH26-09 6.0' | 1, 4oz jar           | ICE               |          |
| 4/30/26 | 9:55  | Soil   | BH26-09 7.0' | 1, 4oz jar           | ICE               |          |
| 4/30/26 | 11:50 | Soil   | BH26-10 9.0' | 1, 4oz jar           | ICE               |          |
| 4/30/26 | 13:00 | Soil   | BH26-01 0.0' | 1, 4oz jar           | ICE               |          |
| 4/30/26 | 13:10 | Soil   | BH26-01 2.0' | 1, 4oz jar           | ICE               |          |

Date: **5/6/26** Time: **1200** Relinquished by: *[Signature]*

Date: **5/6/26** Time: **1900** Relinquished by: *[Signature]*

Received by: *[Signature]* Via: **5/6/26 1200**

Received by: *[Signature]* Via: **5/6/26 7:55**



**HALL ENVIRON  
ANALYSIS LAB**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8 885-48763 COC

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



Y

## Analysis Request

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

Remarks: **Work Order # 22129317**

Direct bill to Devon ATTN Jim Raley;

cc. KStallings@vertex.ca, SCarttar@vertex.ca,

Katrina.Taylor@vertex.ca, and Lpullman@vertex.ca for Final Report

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

## Chain-of-Custody Record

Client: **Vertex Resource Services**  
 (Direct bill to Devon; WO# 22129317)  
 Mailing Address 3101 Boyd Dr Carlsbad NM, 88220  
 Phone #: 575-725-5001  
 email or Fax#:  
 QA/QC Package:  
☐ Standard ☐ Level 4 (Full Validation)  
 Accreditation: ☐ Az Compliance  
☐ NELAC ☐ Other \_\_\_\_\_  
☐ EDD (Type) \_\_\_\_\_

Turn-Around Time:

X Standard ☒ Rush\_5 day Standard

Project Name:

**Aleutian 10 CTB 2**

Project #:

**26A-02881**

Project Manager:

Kent Stallings,

Sally Carttar

[kstallings@vertex.ca](mailto:kstallings@vertex.ca)[scarttar@vertex.ca](mailto:scarttar@vertex.ca)

Sampler: Andrew Ludvik

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 0-4-0-2 = 0-2

Container  
Type and #Preservative  
Type

HEAL No.

| Date    | Time  | Matrix | Sample Name  |
|---------|-------|--------|--------------|
| 4/30/26 | 13:20 | Soil   | BH26-02 0.0' |
| 4/30/26 | 13:25 | Soil   | BH26-02 2.0' |
| 4/30/26 | 13:40 | Soil   | BH26-03 0.0' |
| 4/30/26 | 13:45 | Soil   | BH26-03 2.0' |
| 5/01/26 | 10:15 | Soil   | BH26-04 0.0' |
| 5/01/26 | 10:25 | Soil   | BH26-04 2.0' |
| 5/01/26 | 13:25 | Soil   | BH26-12 0.0' |
| 5/01/26 | 13:35 | Soil   | BH26-12 2.0' |
| 5/02/26 | 9:30  | Soil   | BH26-07 0.0' |
| 5/02/26 | 9:35  | Soil   | BH26-07 2.0' |
| 5/02/26 | 9:50  | Soil   | BH26-13 0.0' |
| 5/02/26 | 9:55  | Soil   | BH26-13 2.0' |

Received by:

Via:

Date

Time

Received by:

Via:

Date

Time

HALL ENVIRONMENTAL  
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

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

Date: 5/5/26 Time: 1200 Relinquished by:

Date: 5/5/26 Time: 1900 Relinquished by:

Received by: Date: 5/5/26 Time: 1200

Received by: Date: 5/6/26 Time: 7:55

Remarks: Work Order # 22129317

Direct bill to Devon ATTN Jim Raley;

cc. KStallings@vertex.ca, SCarttar@vertex.ca,

Katrina.Taylor@vertex.ca, and Lpullman@vertex.ca for Final Report

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

## Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-48763-1

Login Number: 48763

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

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

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 598541

**QUESTIONS**

|                                                                                                       |                                                                          |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                           |
|                                                                                                       | Action Number:<br>598541                                                 |
|                                                                                                       | Action Type:<br>[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

**QUESTIONS**

|                      |                                                   |
|----------------------|---------------------------------------------------|
| <b>Prerequisites</b> |                                                   |
| Incident ID (n#)     | nAPP2611053054                                    |
| Incident Name        | NAPP2611053054 ALEUTIAN 10 CTB 2 @ FAPP2300331384 |
| Incident Type        | Produced Water Release                            |
| Incident Status      | Remediation Plan 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 | 04/18/2026        |
| 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: 6 BBL   Recovered: 5 BBL   Lost: 1 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l                                                                                  | Yes                                                                                               |
| Condensate Released (bbls) Details                                                                                                                   | Not answered.                                                                                     |
| Natural Gas Vented (Mcf) Details                                                                                                                     | Not answered.                                                                                     |
| Natural Gas Flared (Mcf) Details                                                                                                                     | Not answered.                                                                                     |
| Other Released Details                                                                                                                               | Not answered.                                                                                     |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Pinhole leak on water dump line allowed fluids to pad surface 704 separator.                      |

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, Page 2

Action 598541

**QUESTIONS (continued)**

|                                                                                                       |                                                                          |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                           |
|                                                                                                       | Action Number:<br>598541                                                 |
|                                                                                                       | Action Type:<br>[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>                                                                                                         |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 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<br>Title: EHS Professional<br>Email: jim.raley@dnv.com<br>Date: 06/24/2026 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|

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, Page 3

Action 598541

**QUESTIONS (continued)**

|                                                                                                       |                                                                          |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                           |
|                                                                                                       | Action Number:<br>598541                                                 |
|                                                                                                       | Action Type:<br>[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

**QUESTIONS**

|                                                                                                                                                                                                                                                      |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Site Characterization</b>                                                                                                                                                                                                                         |                                |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> |                                |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)                                                                                                                           | Between 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                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>                                                                                                                             |                                |
| 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 ½ and 1 (mi.)          |
| A subsurface mine                                                                                                                                                                                                                                    | Greater than 5 (mi.)           |
| An (non-karst) unstable area                                                                                                                                                                                                                         | Between 1 and 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                             |

|                                                                                                                                                                                                                                                                                                                                                                                       |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Remediation Plan</b>                                                                                                                                                                                                                                                                                                                                                               |            |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                      |            |
| Requesting a remediation plan approval with this submission                                                                                                                                                                                                                                                                                                                           | Yes        |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>                                                                                                                                                                        |            |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                                                                                                                                                                                          | Yes        |
| Was this release entirely contained within a lined containment area                                                                                                                                                                                                                                                                                                                   | No         |
| <b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)                                                                                                                                                                                                                                                                     |            |
| Chloride (EPA 300.0 or SM4500 Cl B)                                                                                                                                                                                                                                                                                                                                                   | 9600       |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)                                                                                                                                                                                                                                                                                                                                           | 514        |
| GRO+DRO (EPA SW-846 Method 8015M)                                                                                                                                                                                                                                                                                                                                                     | 324        |
| BTEX (EPA SW-846 Method 8021B or 8260B)                                                                                                                                                                                                                                                                                                                                               | 0          |
| Benzene (EPA SW-846 Method 8021B or 8260B)                                                                                                                                                                                                                                                                                                                                            | 0          |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                        |            |
| On what estimated date will the remediation commence                                                                                                                                                                                                                                                                                                                                  | 07/16/2026 |
| On what date will (or did) the final sampling or liner inspection occur                                                                                                                                                                                                                                                                                                               | 07/30/2026 |
| On what date will (or was) the remediation complete(d)                                                                                                                                                                                                                                                                                                                                | 08/30/2026 |
| 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                                                                                                                                                                                                                                                                                                           | 1138       |
| What is the estimated volume (in cubic yards) that will be remediated                                                                                                                                                                                                                                                                                                                 | 21         |
| <i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>                                                                                                                                                                                |            |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> |            |

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, Page 4

Action 598541

**QUESTIONS (continued)**

|                                                                                                       |                                                                          |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                           |
|                                                                                                       | Action Number:<br>598541                                                 |
|                                                                                                       | Action Type:<br>[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

**QUESTIONS**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Remediation Plan (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |
| <i>(Select all answers below that apply.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                                                                         |
| Which OCD approved facility will be used for <b>off-site</b> disposal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL                                                |
| <b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not answered.                                                                               |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Not answered.                                                                               |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not answered.                                                                               |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Not answered.                                                                               |
| (In Situ) Soil Vapor Extraction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not answered.                                                                               |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not answered.                                                                               |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not answered.                                                                               |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Not answered.                                                                               |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Not answered.                                                                               |
| OTHER (Non-listed remedial process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Not answered.                                                                               |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                                                                             |
| I hereby agree and sign off to the above statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Name: James Raley<br>Title: EHS Professional<br>Email: jim.raley@dv.com<br>Date: 06/24/2026 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             |

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, Page 5

Action 598541

**QUESTIONS (continued)**

|                                                                                                           |                                                                              |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Operator:<br><br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br><br>6137                                                           |
|                                                                                                           | Action Number:<br><br>598541                                                 |
|                                                                                                           | Action Type:<br><br>[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

**QUESTIONS**

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

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, Page 6  
  
Action 598541

QUESTIONS (continued)

|                                                                                                           |                                                                              |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Operator:<br><br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br><br>6137                                                           |
|                                                                                                           | Action Number:<br><br>598541                                                 |
|                                                                                                           | Action Type:<br><br>[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

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

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

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 598541

## CONDITIONS

|                                                                                                       |                                                                          |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                           |
|                                                                                                       | Action Number:<br>598541                                                 |
|                                                                                                       | Action Type:<br>[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

## CONDITIONS

| Created By | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Condition Date |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| rhamlet    | The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Please collect 5-point confirmation samples, representing no more than 200 ft2. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please make sure that the edge of the release extent is accurately defined, especially around equipment/pipelines. The work will need to be completed in 90 days after the report has been reviewed. | 6/24/2026      |
| rhamlet    | All areas involving soil wetness or discoloration will need to be tested and remediated accordingly. 19.15.29.12(D.)(1) states, "The responsible party must test the remediated areas for contamination with representative five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC or constituents."                                                                                                                                                                                                                                                                                                            | 6/24/2026      |