



Incident Number: nAPP2535084736

Release Assessment and Closure

Casey Jones 21 Federal Com #707H

Unit I, Section 21, Township 26 South, Range 30 East

API: 30-015-54132

County: Eddy

Vertex File Number: 25A-06210

Prepared for:

EOG Resources Inc.

Prepared by:

Vertex Resource Services Inc.

Date:

February 2026

EOG Resources Inc.
Casey Jones 21 Federal Com #707H

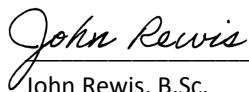
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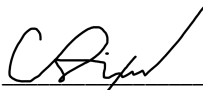
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2/25/2026

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2/25/2026

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1.0 Introduction

EOG Resources Inc. (EOG) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for a produced water and crude oil release that occurred on December 8, 2025, at Casey Jones 21 Federal Com #707H API 30-015-54132 (hereafter referred to as the “site”). EOG submitted an initial C-141 Release Notification to the New Mexico Oil Conservation Division (NMOCD) on December 16, 2025. Incident ID number nAPP2535084736 was assigned to this incident.

This report provides a description of the release assessment and remediation activities associated with the site. The information presented demonstrates that closure criteria established in Table I of 19.15.29.12 of the *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) related to NMOCD has been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for closure of this release, with the understanding that reclamation and restoration of the release site will not be completed until all oil and gas activities are terminated and the pad is reclaimed following as per NMAC 19.15.29.13.

2.0 Incident Description

The release occurred on December 8, 2025, due to pipeline corrosion. The incident was reported on December 16, 2025, and involved the release of approximately 16 (bbl.) of produced water and produced oil on the pad site. Approximately 14 bbl. of free fluid was removed during initial clean-up. Additional details relevant to the release are presented in the C-141 Report.

3.0 Site Characteristics

The site is located approximately 47 miles southeast of Carlsbad, New Mexico. The legal location for the site is Unit I, Section 21, Township 26 South and Range 30 East in Eddy County, New Mexico. The release area is located on Bureau of Land Management property. An aerial photograph and site schematic are presented on Figure 1.

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

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2026) indicates the site’s surface geology primarily comprises Qep – eolian and piedmont deposits (Holocene to middle Pleistocene), and the soil at the site is characterized as Gypsum land – Reeves complex (United States Department of Agriculture, Natural Resources Conservation Service, 2026). Additional soil characteristics include a drainage class of well drained with a runoff class of high. The karst geology potential for the site is medium (United States Department of the Interior, Bureau of Land Management, 2018).

The surrounding landscape is associated with hills, plains, and ridges with elevations ranging between 3,000 and 5,000 feet. The climate is semiarid with average annual precipitation ranging between 10 and 14 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be black grama, blue grama, and tobosa. Grasses with shrubs and half-shrubs dominate the historic plant community (United

States Department of Agriculture, Natural Resources Conservation Service, 2026). Limited to no vegetation is allowed to grow on the compacted production pad, right-of-way and access road.

4.0 Closure Criteria Determination

The nearest active depth to groundwater (DTGW) reference to the site is a New Mexico Office of the State Engineer (NMOSE) Point of Diversion (POD) located approximately 0.4 miles southwest of the site (United States Geological Survey, 2026). Data from 2022 shows the POD was recorded as a dry hole at 55 feet below ground surface (bgs). Information pertaining to the DTGW determination is included in Appendix A.

There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located approximately 0.6 miles northwest of the site (United States Fish and Wildlife Service, 2026).

At the site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

EOG Resources Inc.
Casey Jones 21 Federal Com #707H

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February 2026

Table 1. Closure Criteria Determination			
Site Name: Casey Jones 21 Fed Com #707H			
Spill Coordinates: 32.026253, -103.878942		X: 605862.72	Y: 3543894.91
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	>55	feet
	Distance between release and nearest DTGW reference	2,107	feet
		0.40	miles
Date of nearest DTGW reference measurement		June 15, 2022	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	1,302	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	2,423	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	82,522	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	10,132	feet
	ii) Within 1000 feet of any fresh water well or spring	10,132	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	feet
7	Within 300 feet of a wetland	17,556	feet
8	Within the area overlying a subsurface mine	No	feet
	Distance between release and nearest registered mine	74,322	feet
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
	Distance between release and nearest unstable area	0	feet
10	Within a 100-year Floodplain	500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	3,642	feet
11	Soil Type	Gypsum Land- Reeves Complex	
12	Ecological Classification	R070BC007NM - Loamy	
13	Geology	Qe/Qp	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	≤ 50' 51-100' >100'

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

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
≤ 50 feet	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS – total dissolved solids

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

BTEX – benzene, toluene, ethylbenzene and xylenes

DTGW – depth to groundwater

bgs – below ground surface

5.0 Remedial Actions Taken

An initial site inspection of the release area was completed on December 9, 2025, which identified the area of the release specified in the initial C-141 Report, estimated the approximate volume of the release marked it with a GPS. The impacted area was determined to be approximately 3,681 square feet.

Remediation efforts began on December 15, 2025, and were finalized on January 23, 2026. Vertex personnel supervised the excavation of impacted soils. Field screening was completed on a total of 38 sample points and consisted of analysis using a Photo Ionization Detector (volatile hydrocarbons), Dextsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and silver nitrate titration (chlorides). Field screening results were used to identify areas requiring further remediation. Soils were removed to a depth of 2 to 7.5 feet bgs. BH25-01 was collected at a depth of 8.5 feet bgs in accordance with NMOCD vertical delineation requirements under 19.15.30 NMAC. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Daily Field Reports (DFR) and photographs documenting the final excavation before backfilling is presented in Appendix B.

Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments. A total of 43 samples were collected for laboratory analysis following NMOCD soil sampling procedures. Samples were submitted to state approved laboratories under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Backfill material was obtained from a local pit and from a stockpile made up of caliche that was located on pad. Material was collected from both sources via five-point composite samples and were analyzed through the same sampling protocol previously mentioned. Laboratory results are presented in Table 3, and the laboratory data reports are included in Appendix C. All confirmatory samples collected and analyzed were below closure criteria for the site.

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6.0 Closure Request

The release area was fully delineated, remediated, and backfilled with local soils. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release locations "under 50 feet to groundwater". Based on these findings, EOG Resources Inc. requests that this remediation be approved.

Should you have any questions or concerns, please do not hesitate to contact Chance Dixon at 575.988.1472 or cdixon@vertexresource.com

7.0 References

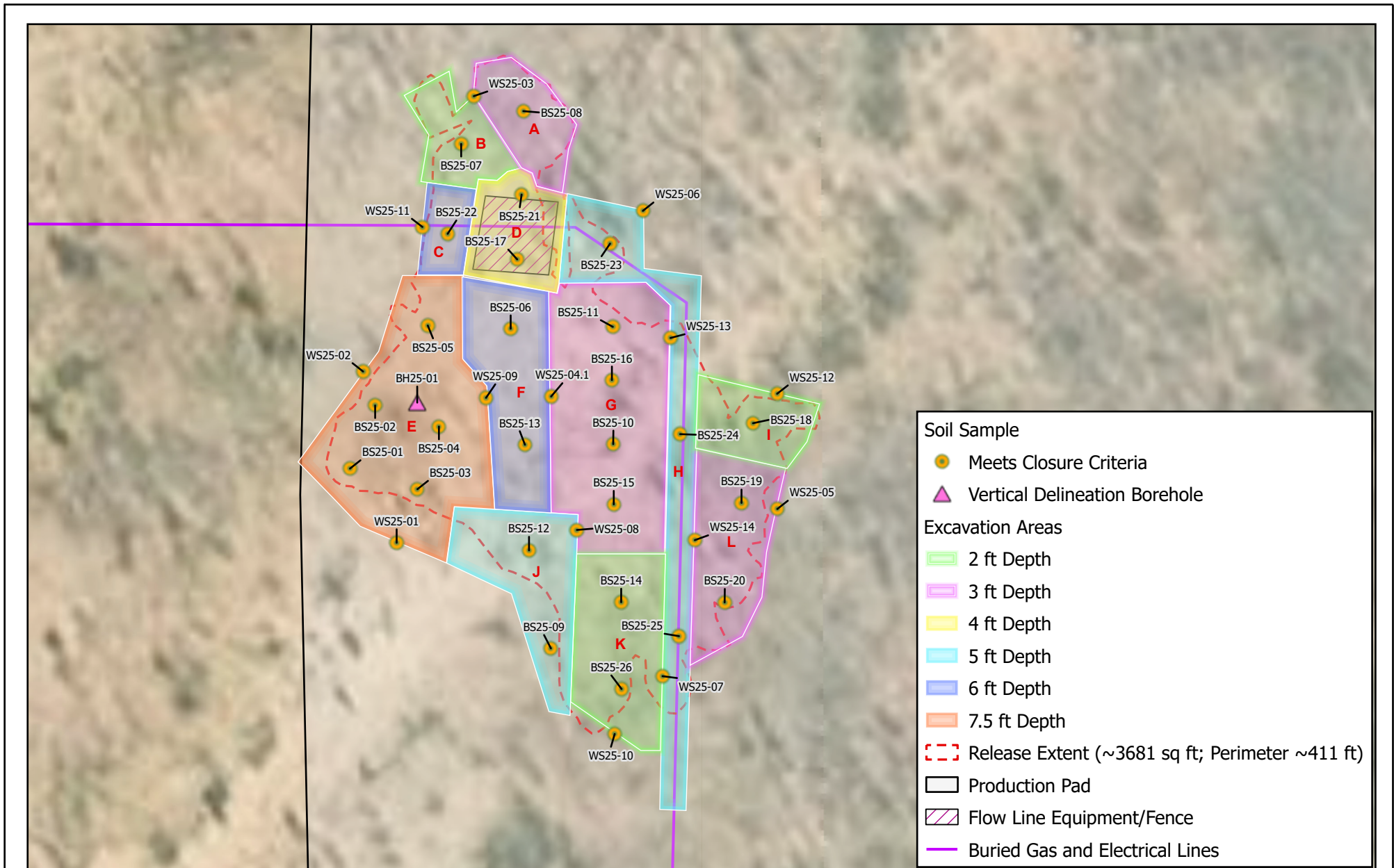
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8.0 Limitations

This report has been prepared for the sole benefit of EOG Resources Inc. 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 EOG Resources Inc. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

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

FIGURES



VERTEX

Map Center:
Lat/Long: 32.028239°N, 103.879905°W
Date: Jan 30/26

0 15 30 ft
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet



**Confirmation Sample Schematic
Casey Jones 21 Fed Com 707H**

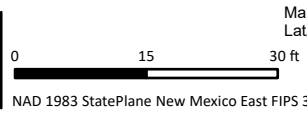
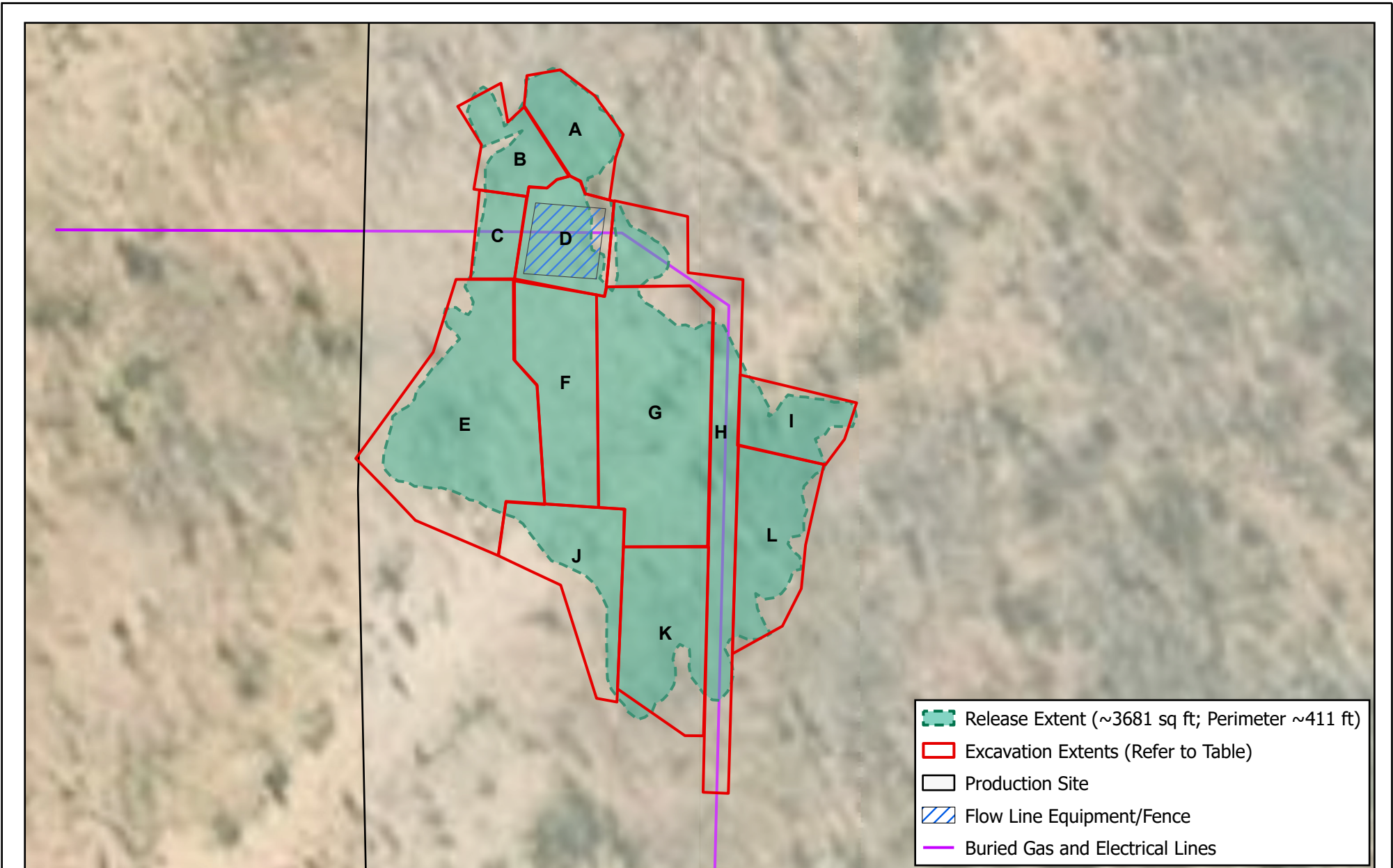
FIGURE:

1



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

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



Map Center:
 Lat/Long: 32.028238°N, 103.879928°W

Date: Jan 30/26



Excavation Schematic
Casey Jones 21 Fed Com 707H

FIGURE:
2



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

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

VERSATILITY. EXPERTISE.

TABLES

Client Name: EOG Resources, Inc.

Site Name: Casey Jones 21 Fed Com #707H

NMOCD Tracking #: nAPP2535084736

Project #: 25A-06210

Lab Reports: H257913, 885-41477-1, 885-40464-1, 885-41266-1, 885-40205-1, H260476, and H257836

Table 3. Characterization and Confirmatory Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
Base Samples										
BS25-01	7.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	540
BS25-02	7.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	400
BS25-03	7.5	January 9, 2026	ND	ND	ND	13	ND	13	13	570
BS25-04	7.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	280
BS25-05	7.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	450
BS25-06	6	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	450
BS25-07	2	December 19, 2025	ND	ND	ND	ND	ND	ND	ND	82
BS25-08	2	December 19, 2025	ND	ND	ND	520	120	520	640	230
	3	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	65
BS25-09	5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	400
BS25-10	3	December 22, 2025	ND	ND	ND	13.6	ND	13.6	13.6	176
BS25-11	3	December 22, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-12	5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	340
BS25-13	6	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	360
BS25-14	2	December 23, 2025	ND	ND	ND	100	ND	100	100	190
BS25-15	3	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	60
BS25-16	3	December 23, 2025	ND	ND	ND	110	ND	110	ND	100
	3.5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	224
BS25-17	4	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS25-18	2	January 10, 2026	ND	ND	ND	27	ND	27	27	200
BS25-19	3	January 10, 2026	ND	ND	ND	34	ND	34	34	94
BS25-20	3	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	94
BS25-21	4	January 10, 2026	ND	ND	ND	10	ND	10	10	560
BS25-22	6	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS25-23	5	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	77
BS25-24	5	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	130
BS25-25	5	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	110
BS25-26	2	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	160



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Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
Wall Samples										
WS25-01	0-4	December 22, 2025	ND	ND	ND	ND	ND	ND	ND	320
	4-7.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	470
WS25-02	0-4	December 23, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	4-7.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	380
WS25-03	0-2	December 22, 2025	ND	ND	ND	40.1	ND	40.1	40.1	128
	2-3	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	87
WS25-04.1	3-6	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	480
WS25-05	0-3	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	100
WS25-06	0-5	January 10, 2026	ND	ND	ND	31	ND	31	31	290
WS25-07	0-3	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	160
WS25-08	2-5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	520
WS25-09	5-7.5	January 9, 2026	ND	ND	ND	ND	ND	ND	ND	360
WS25-10	0-2	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	130
WS25-11	0-6	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	96
WS25-12	0-2	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	120
WS25-13	2-5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	256
WS25-14	0-5	January 23, 2026	ND	ND	ND	ND	ND	ND	ND	192
Characterization Sample										
BH25-01	8.5	January 15, 2026	ND	ND	ND	ND	ND	ND	ND	ND
Backfill Sample										
Backfill Pit	0	December 17, 2025	ND	ND	ND	ND	ND	ND	ND	176
Backfill Pad	0	December 17, 2025	ND	ND	ND	ND	ND	ND	ND	384

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria (on-pad)



Table 4. Excavation Measurements			
Excavation Area ID	Area (sq. ft.)	Perimeter (ft.)	Depth (ft.)
A	199	59	3 ft Depth
B	179	64	2 ft Depth
C	106	43	6 ft Depth
D	241	62	4 ft Depth
E	824	126	7.5 ft Depth
F	396	96	6 ft Depth
G	755	120	3 ft Depth
H	553	232	5 ft Depth
I	198	58	2 ft Depth
J	365	94	5 ft Depth
K	397	85	2 ft Depth
L	349	86	3 ft Depth

APPENDIX A – Closure Criteria Research Documentation

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04629 POD1	SE	SW	SE	21	26S	30E	605381.1	3543462.2	

* UTM location was derived from PLSS - see Help

Driller License:	1249	Driller Company:	ATKINS ENGINEERING ASSOC. INC.
Driller Name:	JACKIE D. ATKINS		
Drill Start Date:	2022-06-15	Drill Finish Date:	2022-06-15
Plug Date:	2022-07-12		
Log File Date:	2022-08-08	PCW Rcv Date:	
Source:			
Pump Type:		Pipe Discharge Size:	
Estimated Yield:			
Casing Size:		Depth Well:	
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.

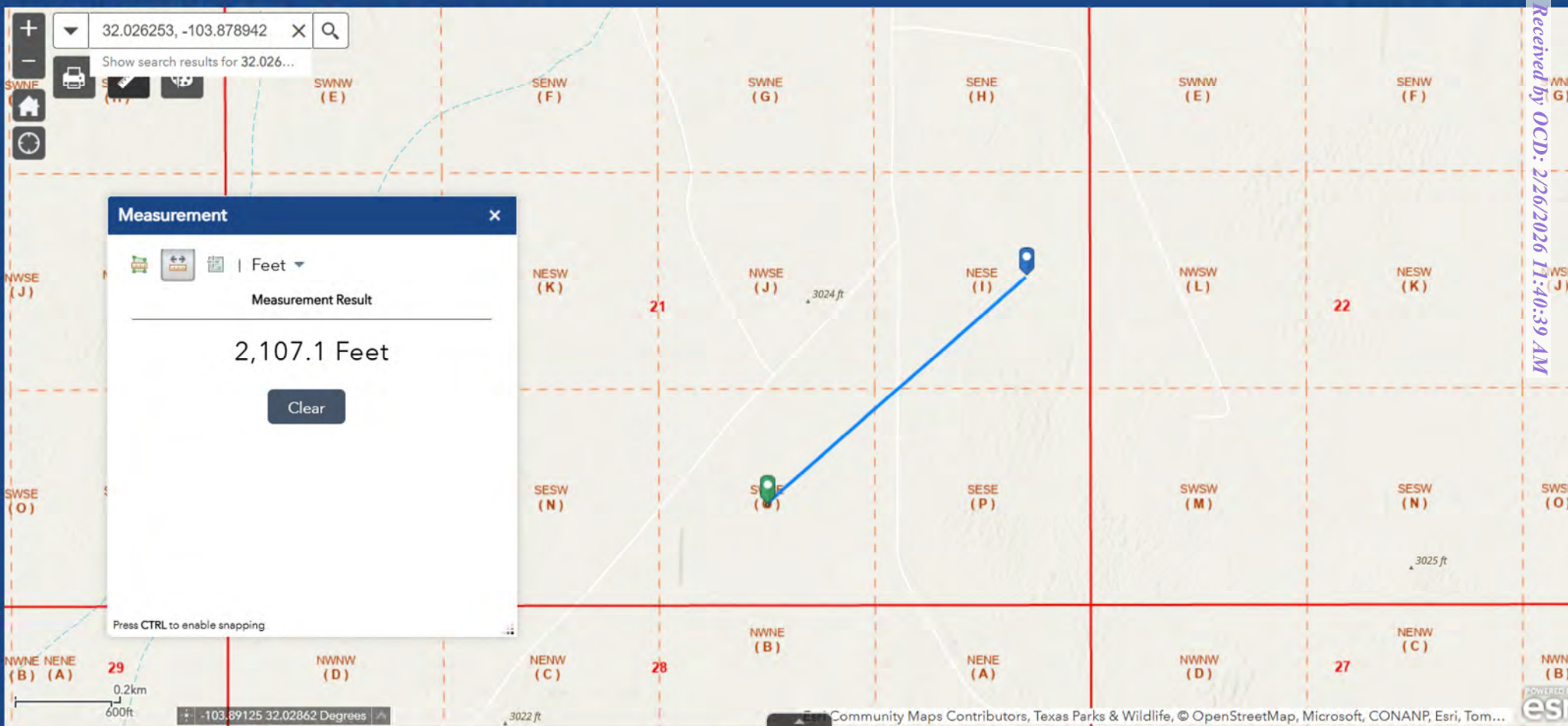
12/10/25 12:18 PM MST

Point of Diversion Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

Released to Imaging: 4/28/2026 3:25:29 PM

Received by OCD: 2/26/2026 11:40:39 AM





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

USE ON AUG 8 2022 10:18

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4629	
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838	
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE ZIP NM 88210
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 1	SECONDS 20.62	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
		LONGITUDE 103	53	2.72	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SW SE Sec.21 T26S R30S NMPM						

2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 6/15/2022	DRILLING ENDED 6/15/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a	DATE STATIC MEASURED 6/15/22, 7/12,22		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF FITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.5	Boring-HSA	--	--	--	--

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				

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)			
FILE NO. <u>C-4629</u>	POD NO. <u>1</u>	TRN NO. <u>726185</u>			
LOCATION <u>26S.30E.21.4.3.4.</u>			WELL TAG ID NO. <u> </u>	PAGE 1 OF 2	



Intermittent Stream 1,302ft



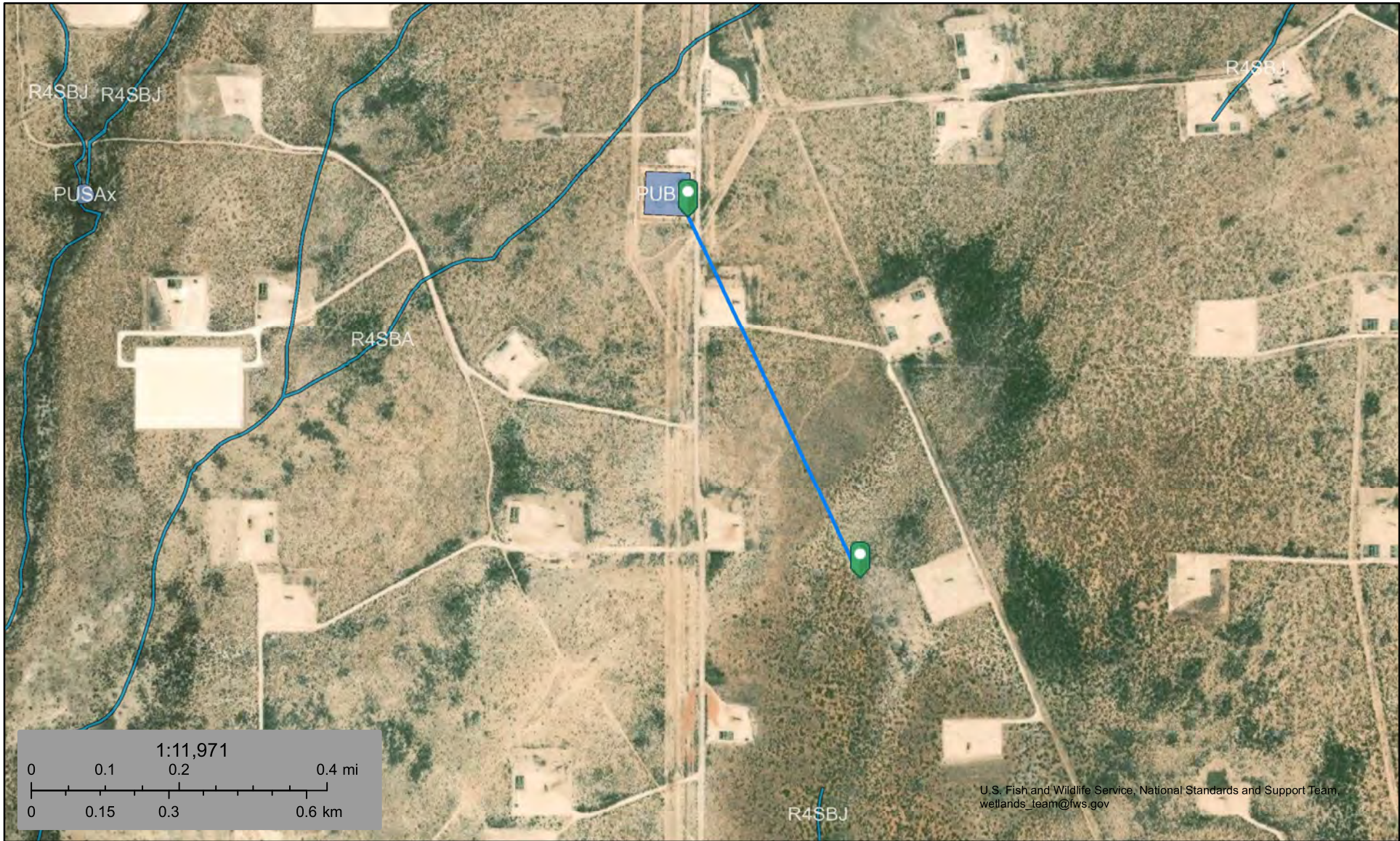
January 22, 2026

Wetlands

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

Freshwater Pond 2,423ft



December 10, 2025

Wetlands



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




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



January 22, 2026

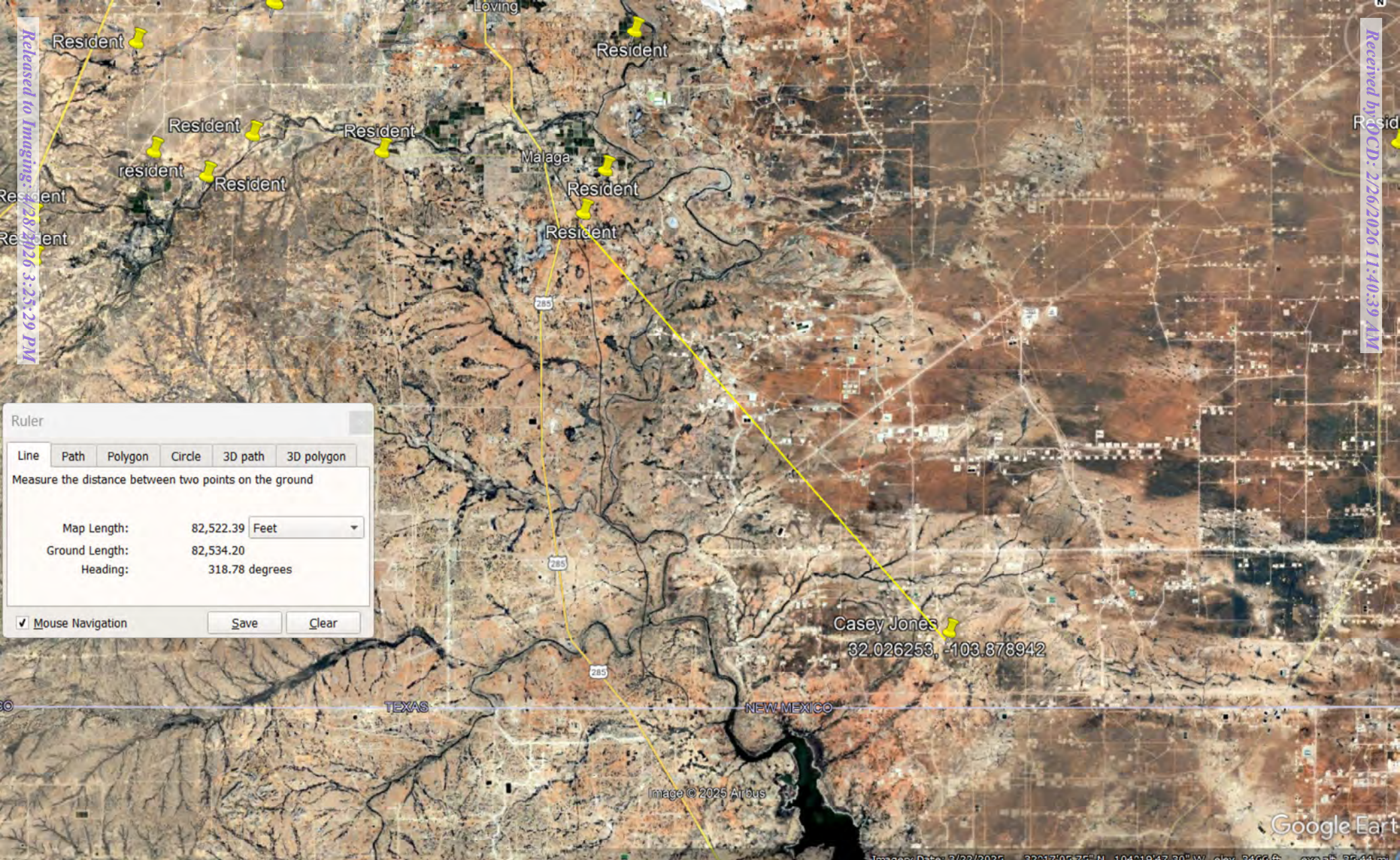
Wetlands

-  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.



Ruler

Line Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length: 82,522.39 Feet

Ground Length: 82,534.20

Heading: 318.78 degrees

Mouse Navigation

Casey Jones
32.026253, -103.878942



U.S. Fish and Wildlife Service National Wetlands Inventory

Wetland 17,556 ft

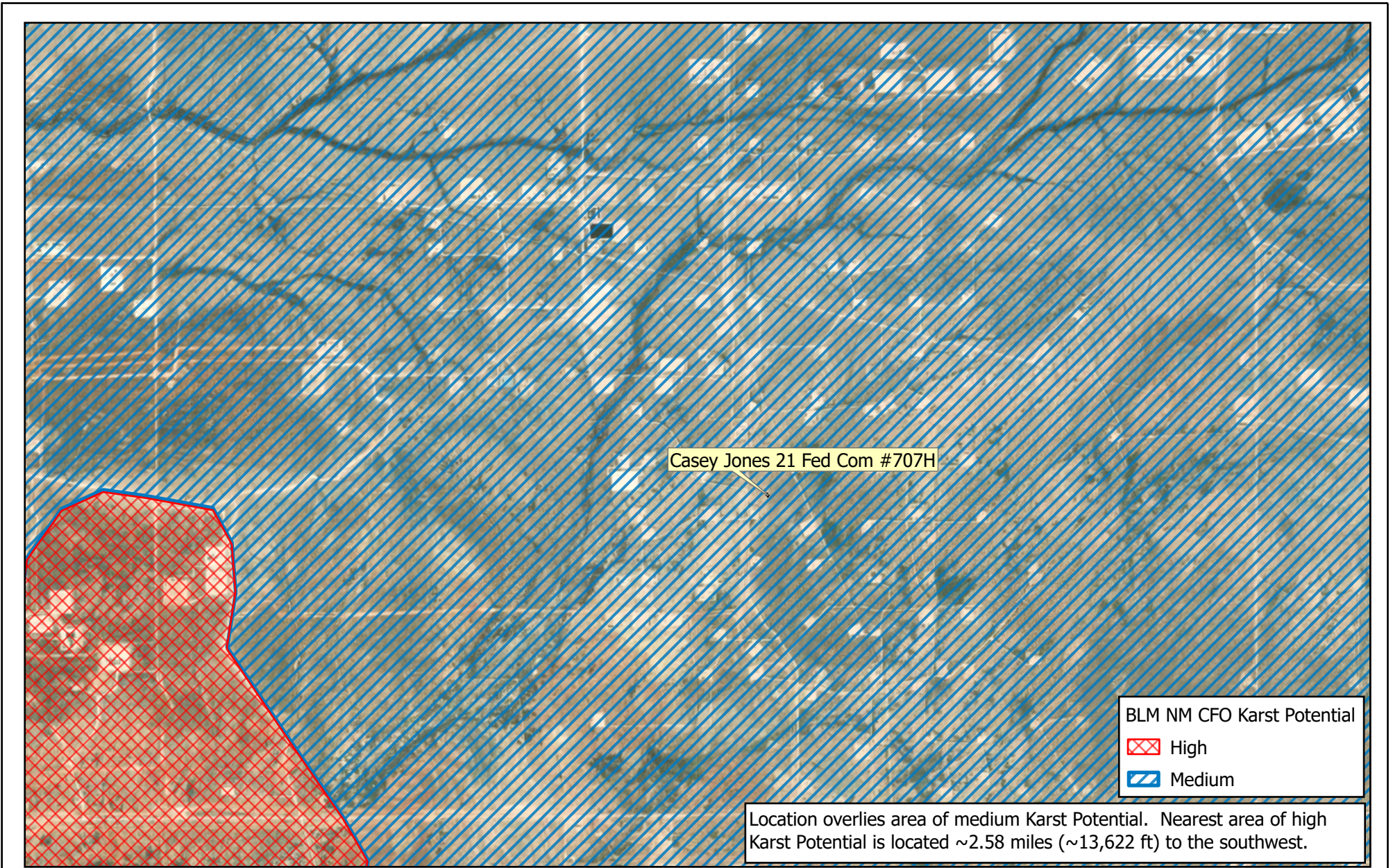


December 18, 2025

Wetlands

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



VERTEX | Map Center: Lat/Long: 32.031742°N, 103.885604°W | **N** | **Karst Potential** | **FIGURE: X** | **geogresources**

0 2,000 4,000 ft | Date: Dec 18/25 | **Casey Jones 21 Fed Com 707H**

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

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

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

VERSATILITY. EXPERTISE.

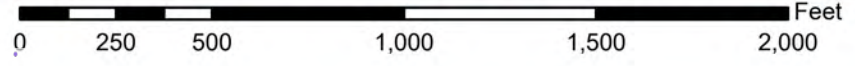
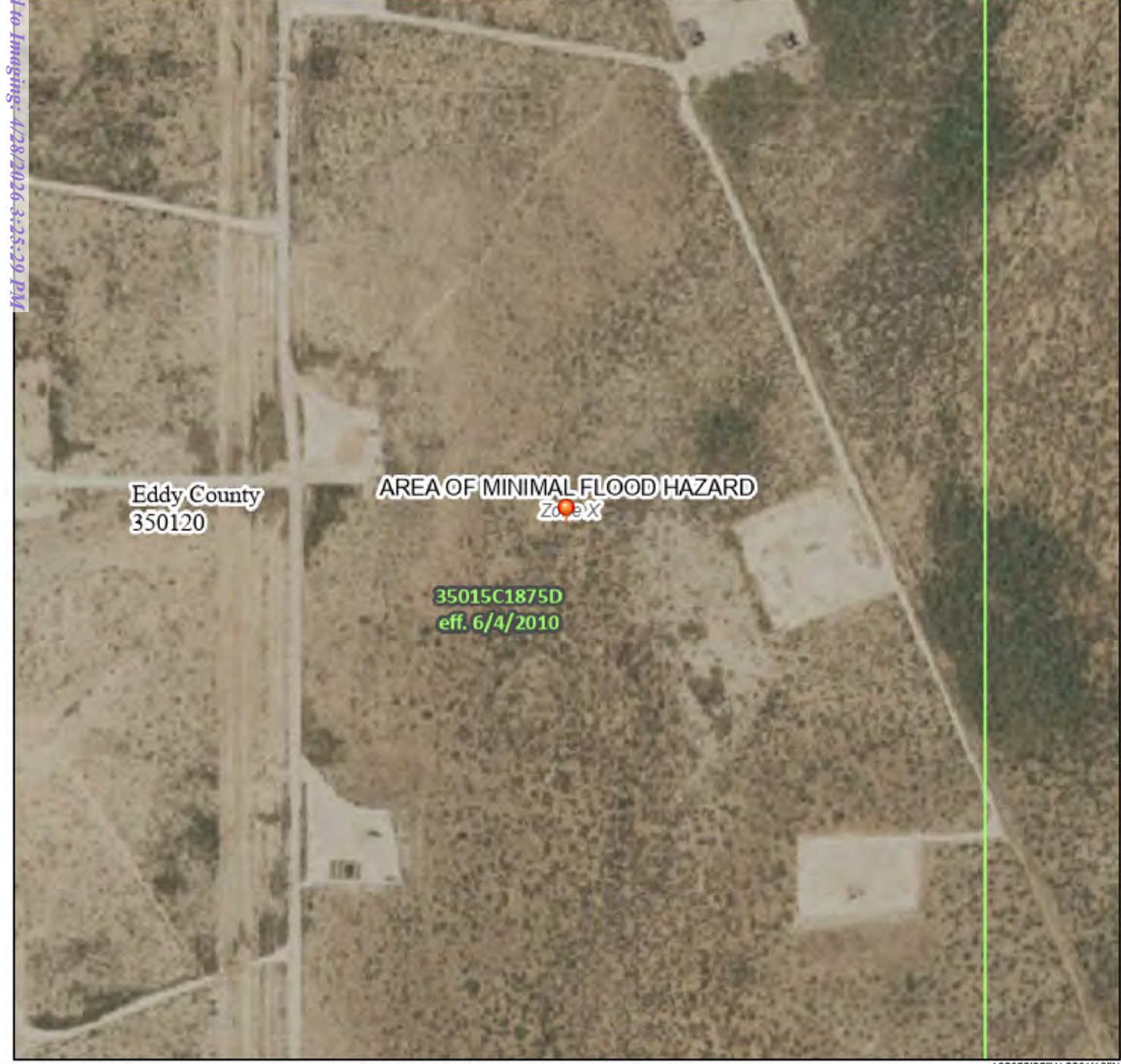


3,642 ft to nearest FEMA Zone A

National Flood Hazard Layer FIRMette



103°53'3"W 32°1'50"N



1:6,000

103°52'25"W 32°1'19"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
		Digital Data Available
MAP PANELS		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 **12/18/2025 at 4:07 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.

Released to Imaging: 1/28/2026 3:25:39 PM

Received by OCD: 2/26/2026 11:40:39 AM

Page 31 of 185

Custom Soil Resource Report

Eddy Area, New Mexico**GR—Gypsum land-Reeves complex, 0 to 3 percent slopes, eroded****Map Unit Setting**

National map unit symbol: 1w4h
Elevation: 3,000 to 5,000 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Gypsum land: 55 percent
Reeves and similar soils: 35 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Gypsum Land**Setting**

Landform: Hills, plains, ridges
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s
Hydric soil rating: No

Description of Reeves**Setting**

Landform: Hills, plains, ridges
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: sandy loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches

Custom Soil Resource Report

Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components**Unnamed soils**

Percent of map unit: 10 percent
Hydric soil rating: No

LS—Likes loamy fine sand, 1 to 5 percent slopes**Map Unit Setting**

National map unit symbol: 1w51
Elevation: 2,250 to 4,200 feet
Mean annual precipitation: 10 to 22 inches
Mean annual air temperature: 55 to 64 degrees F
Frost-free period: 180 to 217 days
Farmland classification: Not prime farmland

Map Unit Composition

Likes and similar soils: 99 percent
Minor components: 1 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Likes**Setting**

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

Typical profile

H1 - 0 to 12 inches: loamy fine sand
H2 - 12 to 60 inches: loamy fine sand

APPENDIX B – Daily Field Reports



Daily Site Visit Report

Site Photos

Viewing Direction: Northwest



Descriptive Photo - 1
Viewing Direction: Northwest
Desc: Overview of the excavation from the southeastern extent.
Created: 1/23/2026 9:14:14 AM
Lat:29.828187, Long:-103.880130

Overview of the excavation from the southeastern extent.

Viewing Direction: Northeast



Descriptive Photo - 2
Viewing Direction: Northeast
Desc: Overview of the excavation from the southwestern extent.
Created: 1/23/2026 9:15:33 AM
Lat:29.828187, Long:-103.880130

Overview of the excavation from the southwestern extent.

Viewing Direction: South



Descriptive Photo - 3
Viewing Direction: South
Desc: Overview of the excavation from the northwestern extent.
Created: 1/23/2026 9:20:01 PM
Lat:29.828187, Long:-103.879933

Overview of the excavation from the northwestern extent.

Viewing Direction: South

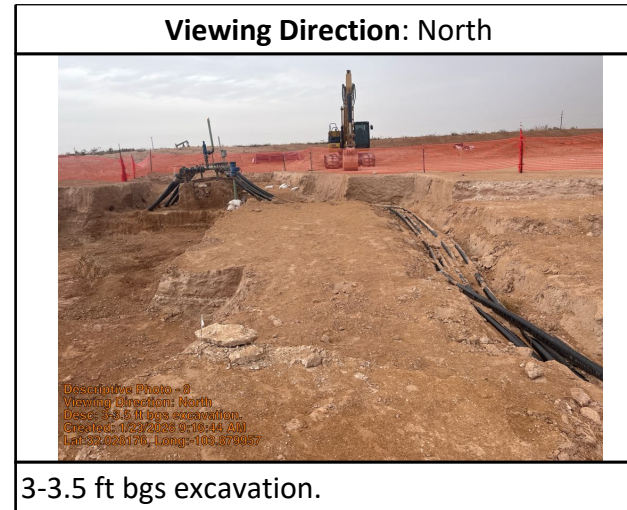
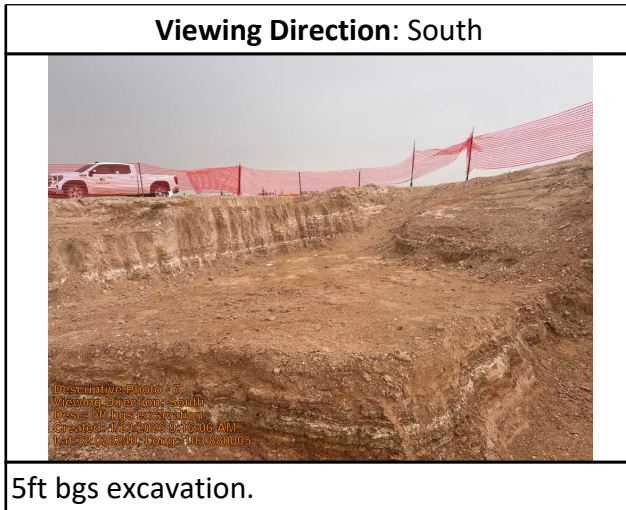


Descriptive Photo - 4
Viewing Direction: South
Desc: Overview of the excavation from the northeastern extent.
Created: 1/23/2026 9:20:35 AM
Lat:29.828187, Long:-103.879933

Overview of the excavation from the northeastern extent.



Daily Site Visit Report





Daily Site Visit Report

Viewing Direction: North



Descriptive Photo - 9
Viewing Direction: North
Date: 2/26/2026 9:13:39 AM
Created: 1/23/2026 9:13:39 AM
Lat: 32.028135, Long: 103.879100

2ft and 3ft bgs excavation.

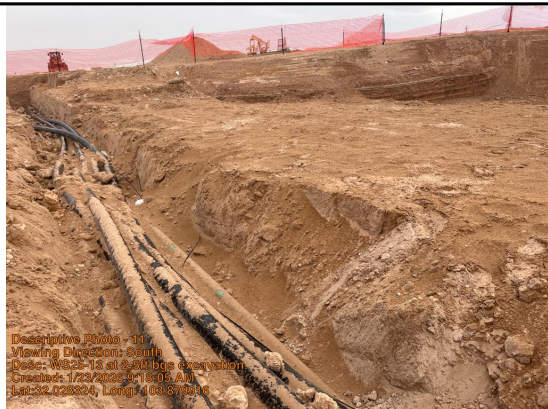
Viewing Direction: North



Descriptive Photo - 10
Viewing Direction: North
Date: 2/26/2026 9:17:37 AM
Created: 1/23/2026 9:17:37 AM
Lat: 32.028250, Long: 103.879874

BS25-16 at 3.5ft bgs.

Viewing Direction: South



Descriptive Photo - 11
Viewing Direction: South
Date: 2/26/2026 9:18:05 AM
Created: 1/23/2026 9:18:05 AM
Lat: 32.028324, Long: 103.879316

WS25-13 at 2-5ft bgs excavation.

Viewing Direction: South



Descriptive Photo - 12
Viewing Direction: South
Date: 2/26/2026 9:18:12 AM
Created: 1/23/2026 9:18:12 AM
Lat: 32.028300, Long: 103.879322

WS25-14 at 0-5ft bgs.



Daily Site Visit Report

Viewing Direction: North



Description Photo: 18
Viewing Direction: North
Date: 4/1
Created: 1/22/2026 0:18:51 AM
Lat: 32.029376, Long: -103.891072

4ft bgs excavation at the riser.

Daily Site Visit Report

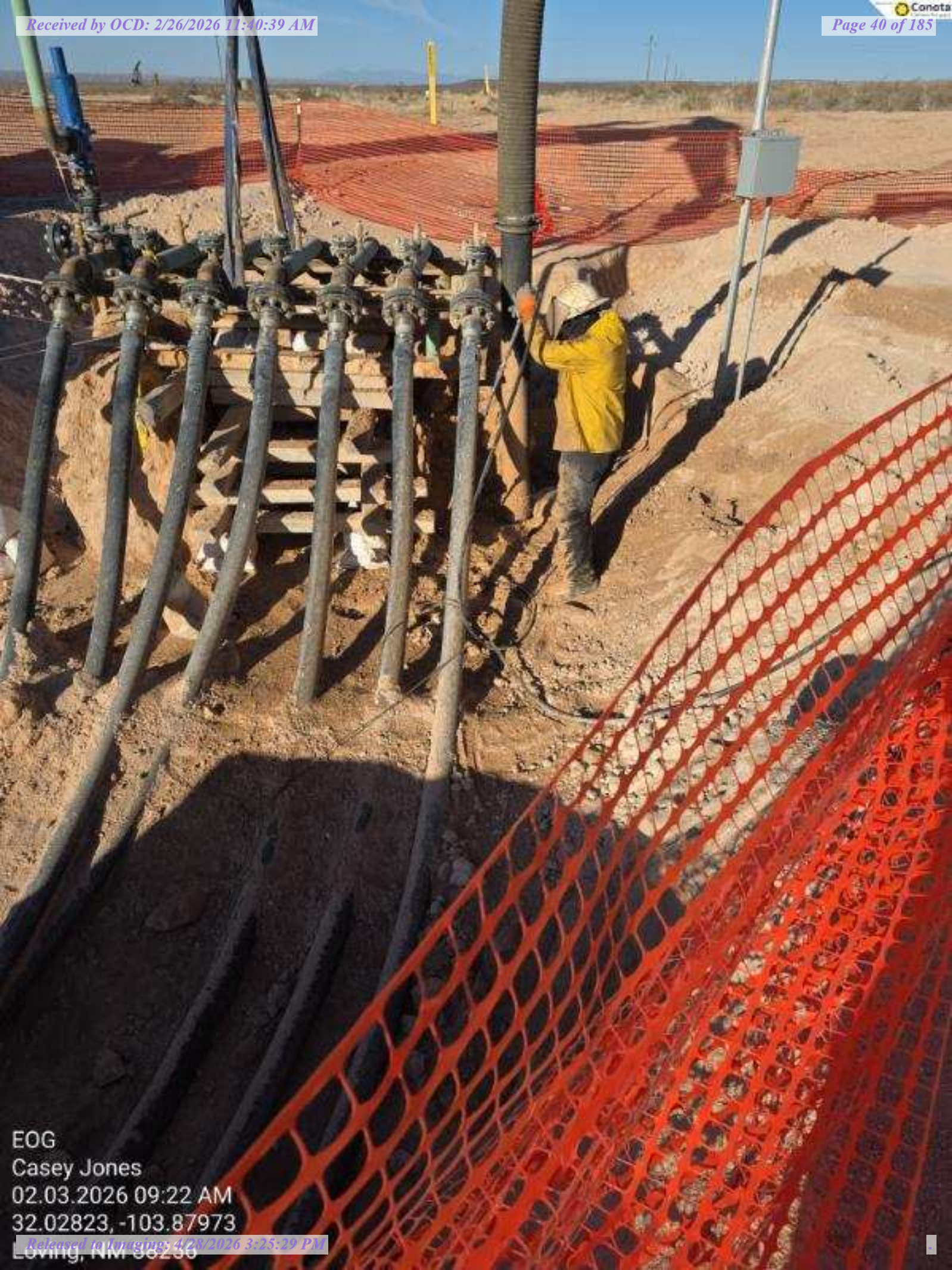


Daily Site Visit Signature

Inspector: John Rewis

Signature:


Signature



EOG
Casey Jones
02.03.2026 09:22 AM
32.02823, -103.87973



EOG
Casey Jones
02.03.2026 09:22 AM
32.02823, -103.87973



EOG
Casey Jones
02/03/2026 09:33 AM
32.02823, -103.87973

APPENDIX C – Laboratory Data Reports and Chain of Custody Forms



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 19, 2025

CHANCE DIXON
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: CASEY JONES FED COM #707H

Enclosed are the results of analyses for samples received by the laboratory on 12/18/25 13:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	12/18/2025	Sampling Date:	12/17/2025
Reported:	12/19/2025	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Tamara Oldaker
Project Location:	EOG		

Sample ID: BACKFILL PIT (H257836-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2025	ND	1.96	98.0	2.00	1.64	
Toluene*	<0.050	0.050	12/18/2025	ND	2.14	107	2.00	0.338	
Ethylbenzene*	<0.050	0.050	12/18/2025	ND	2.12	106	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/18/2025	ND	6.32	105	6.00	1.93	
Total BTEX	<0.300	0.300	12/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2025	ND	214	107	200	0.979	
DRO >C10-C28*	<10.0	10.0	12/18/2025	ND	194	96.9	200	0.0263	
EXT DRO >C28-C36	<10.0	10.0	12/18/2025	ND					

Surrogate: 1-Chlorooctane 91.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	12/18/2025	Sampling Date:	12/17/2025
Reported:	12/19/2025	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Tamara Oldaker
Project Location:	EOG		

Sample ID: BACKFILL PAD (H257836-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2025	ND	1.96	98.0	2.00	1.64	
Toluene*	<0.050	0.050	12/18/2025	ND	2.14	107	2.00	0.338	
Ethylbenzene*	<0.050	0.050	12/18/2025	ND	2.12	106	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/18/2025	ND	6.32	105	6.00	1.93	
Total BTEX	<0.300	0.300	12/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2025	ND	214	107	200	0.979	
DRO >C10-C28*	<10.0	10.0	12/18/2025	ND	194	96.9	200	0.0263	
EXT DRO >C28-C36	<10.0	10.0	12/18/2025	ND					

Surrogate: 1-Chlorooctane 96.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: VERTEX RESOURCES (BILL TO EOG)	P.O. #:	ANALYSIS REQUEST
Project Manager: CHANCE PAXON	Company: EOG	
Address: 3101 BOYD DR	Attn: CHASE SETTLE	
City: CARLSBAD	Address: 5509 CHAMPAINS	
Phone #: (575) 725 5001	City: MIDLAND	
Project #: 25A-06210	State: TX Zip: 79706	
Project Name: CASGY SOWES FEDDM # 707H	Phone #: 432-686-3600	
Project Location:	Fax #:	
Sampler Name: KARINA TAYLOR		

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H25-1836	BACKFILL PIT	C	1	X								12/17	7:50	X	Chloride
	BACKFILL PAD	C	1	X								12/17	11:00	X	TPH (GRO, DRO, MRO) BTBY

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Karina Taylor* Date: 12-18-25 Received By: *Chase Settle* Date: 12-18-25

Relinquished By: *Karina Taylor* Date: 12-18-25 Received By: *Chase Settle* Date: 12-18-25

Delivered By: (Circle One) Observed Temp. °C: 3.6 Corrected Temp. °C: 3.9

Sampler - UPS - Bus - Other: Cool Intact Yes No

Turnaround Time: Standard Rush Add'l Phone #: *12/18/25*

REMARKS: CC: KARINA.TAYLOR@VERTX-CA.COM
BILL TO EOG



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 1/6/2026 7:19:49 AM

JOB DESCRIPTION

Casey Jones 21 Fed Com #707H

JOB NUMBER

885-40205-1

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
1/6/2026 7:19:49 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Laboratory Job ID: 885-40205-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-40205-1

Project/Site: Casey Jones 21 Fed Com #707H

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: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

Job ID: 885-40205-1

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Job Narrative 885-40205-1

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 12/23/2025 7:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

Client Sample ID: BS25-07 2'

Lab Sample ID: 885-40205-1

Date Collected: 12/19/25 14:00

Matrix: Solid

Date Received: 12/23/25 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		12/23/25 13:02	01/01/26 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150	12/23/25 13:02	01/01/26 11:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/23/25 13:02	01/01/26 11:11	1
Ethylbenzene	ND		0.049	mg/Kg		12/23/25 13:02	01/01/26 11:11	1
Toluene	ND		0.049	mg/Kg		12/23/25 13:02	01/01/26 11:11	1
Xylenes, Total	ND		0.098	mg/Kg		12/23/25 13:02	01/01/26 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150	12/23/25 13:02	01/01/26 11:11	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]	96		9.7	mg/Kg		12/23/25 13:56	12/24/25 22:57	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		12/23/25 13:56	12/24/25 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134	12/23/25 13:56	12/24/25 22:57	1
Di-n-octyl phthalate (Surr)	87		62 - 134	12/24/25 09:20	12/29/25 15:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82		49	mg/Kg		12/29/25 14:04	12/29/25 18:57	10

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

Client Sample ID: BS25-08 2'

Lab Sample ID: 885-40205-2

Date Collected: 12/19/25 13:00

Matrix: Solid

Date Received: 12/23/25 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		12/23/25 13:02	01/01/26 12:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/23/25 13:02	01/01/26 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/23/25 13:02	01/01/26 12:22	1
Ethylbenzene	ND		0.049	mg/Kg		12/23/25 13:02	01/01/26 12:22	1
Toluene	ND		0.049	mg/Kg		12/23/25 13:02	01/01/26 12:22	1
Xylenes, Total	ND		0.098	mg/Kg		12/23/25 13:02	01/01/26 12:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			12/23/25 13:02	01/01/26 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	520		9.7	mg/Kg		12/23/25 13:56	12/24/25 23:20	1
Motor Oil Range Organics [C28-C40]	120		49	mg/Kg		12/23/25 13:56	12/24/25 23:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			12/23/25 13:56	12/24/25 23:20	1
Di-n-octyl phthalate (Surr)	86		62 - 134			12/24/25 09:20	12/29/25 15:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		50	mg/Kg		12/29/25 14:04	12/29/25 19:10	10

QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

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

Lab Sample ID: MB 885-40397/1-A
 Matrix: Solid
 Analysis Batch: 40741

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 40397

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		12/23/25 13:01	01/01/26 10:00	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			12/23/25 13:01	01/01/26 10:00	1

Lab Sample ID: LCS 885-40397/2-A
 Matrix: Solid
 Analysis Batch: 40741

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 40397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	22.2		mg/Kg		89	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	205		15 - 150				

Lab Sample ID: 885-40205-1 MS
 Matrix: Solid
 Analysis Batch: 40741

Client Sample ID: BS25-07 2'
 Prep Type: Total/NA
 Prep Batch: 40397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		24.6	22.4		mg/Kg		85	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	204		15 - 150						

Lab Sample ID: 885-40205-1 MSD
 Matrix: Solid
 Analysis Batch: 40741

Client Sample ID: BS25-07 2'
 Prep Type: Total/NA
 Prep Batch: 40397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		24.7	21.7		mg/Kg		82	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	200		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-40397/1-A
 Matrix: Solid
 Analysis Batch: 40742

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 40397

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/23/25 13:01	01/01/26 10:00	1
Ethylbenzene	ND		0.050	mg/Kg		12/23/25 13:01	01/01/26 10:00	1
Toluene	ND		0.050	mg/Kg		12/23/25 13:01	01/01/26 10:00	1

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

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

Lab Sample ID: MB 885-40397/1-A
Matrix: Solid
Analysis Batch: 40742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40397

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		12/23/25 13:01	01/01/26 10:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150	12/23/25 13:01	01/01/26 10:00	1

Lab Sample ID: LCS 885-40397/3-A
Matrix: Solid
Analysis Batch: 40742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.911		mg/Kg		91	70 - 130
Ethylbenzene	1.00	0.949		mg/Kg		95	70 - 130
Toluene	1.00	1.01		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		15 - 150

Lab Sample ID: 885-40205-2 MS
Matrix: Solid
Analysis Batch: 40742

Client Sample ID: BS25-08 2'
Prep Type: Total/NA
Prep Batch: 40397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.981	0.898		mg/Kg		91	70 - 130
Ethylbenzene	ND		0.981	0.923		mg/Kg		94	70 - 130
Toluene	ND		0.981	0.948		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		15 - 150

Lab Sample ID: 885-40205-2 MSD
Matrix: Solid
Analysis Batch: 40742

Client Sample ID: BS25-08 2'
Prep Type: Total/NA
Prep Batch: 40397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.987	0.888		mg/Kg		90	70 - 130	1	20
Ethylbenzene	ND		0.987	0.857		mg/Kg		87	70 - 130	7	20
Toluene	ND		0.987	0.904		mg/Kg		90	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		15 - 150

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

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

Lab Sample ID: MB 885-40446/1-A
 Matrix: Solid
 Analysis Batch: 40544

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 40446

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		12/24/25 09:20	12/29/25 12:17	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/24/25 09:20	12/29/25 12:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			12/24/25 09:20	12/29/25 12:17	1

Lab Sample ID: LCS 885-40446/2-A
 Matrix: Solid
 Analysis Batch: 40544

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 40446

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	49.4		mg/Kg		99	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	108		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-40582/1-A
 Matrix: Solid
 Analysis Batch: 40592

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 40582

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		12/29/25 14:04	12/29/25 15:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
Chloride	92		90 - 110					

Lab Sample ID: LCS 885-40582/2-A
 Matrix: Solid
 Analysis Batch: 40592

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 40582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	45.9		mg/Kg		92	90 - 110

QC Association Summary

Client: Vertex

Job ID: 885-40205-1

Project/Site: Casey Jones 21 Fed Com #707H

GC VOA

Prep Batch: 40397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	5030C	
885-40205-2	BS25-08 2'	Total/NA	Solid	5030C	
MB 885-40397/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-40397/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-40397/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-40205-1 MS	BS25-07 2'	Total/NA	Solid	5030C	
885-40205-1 MSD	BS25-07 2'	Total/NA	Solid	5030C	
885-40205-2 MS	BS25-08 2'	Total/NA	Solid	5030C	
885-40205-2 MSD	BS25-08 2'	Total/NA	Solid	5030C	

Analysis Batch: 40741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	8015M/D	40397
885-40205-2	BS25-08 2'	Total/NA	Solid	8015M/D	40397
MB 885-40397/1-A	Method Blank	Total/NA	Solid	8015M/D	40397
LCS 885-40397/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	40397
885-40205-1 MS	BS25-07 2'	Total/NA	Solid	8015M/D	40397
885-40205-1 MSD	BS25-07 2'	Total/NA	Solid	8015M/D	40397

Analysis Batch: 40742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	8021B	40397
885-40205-2	BS25-08 2'	Total/NA	Solid	8021B	40397
MB 885-40397/1-A	Method Blank	Total/NA	Solid	8021B	40397
LCS 885-40397/3-A	Lab Control Sample	Total/NA	Solid	8021B	40397
885-40205-2 MS	BS25-08 2'	Total/NA	Solid	8021B	40397
885-40205-2 MSD	BS25-08 2'	Total/NA	Solid	8021B	40397

GC Semi VOA

Prep Batch: 40404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	SHAKE	
885-40205-2	BS25-08 2'	Total/NA	Solid	SHAKE	

Analysis Batch: 40444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	8015M/D	40404
885-40205-2	BS25-08 2'	Total/NA	Solid	8015M/D	40404

Prep Batch: 40446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	SHAKE	
885-40205-2	BS25-08 2'	Total/NA	Solid	SHAKE	
MB 885-40446/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-40446/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 40544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	8015M/D	40446
885-40205-2	BS25-08 2'	Total/NA	Solid	8015M/D	40446

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

GC Semi VOA (Continued)

Analysis Batch: 40544 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-40446/1-A	Method Blank	Total/NA	Solid	8015M/D	40446
LCS 885-40446/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	40446

HPLC/IC

Prep Batch: 40582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	300_Prep	
885-40205-2	BS25-08 2'	Total/NA	Solid	300_Prep	
MB 885-40582/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-40582/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 40592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40205-1	BS25-07 2'	Total/NA	Solid	300.0	40582
885-40205-2	BS25-08 2'	Total/NA	Solid	300.0	40582
MB 885-40582/1-A	Method Blank	Total/NA	Solid	300.0	40582
LCS 885-40582/2-A	Lab Control Sample	Total/NA	Solid	300.0	40582

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

Client Sample ID: BS25-07 2'

Lab Sample ID: 885-40205-1

Date Collected: 12/19/25 14:00

Matrix: Solid

Date Received: 12/23/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40397	VP	EET ALB	12/23/25 13:02
Total/NA	Analysis	8015M/D		1	40741	VP	EET ALB	01/01/26 11:11
Total/NA	Prep	5030C			40397	VP	EET ALB	12/23/25 13:02
Total/NA	Analysis	8021B		1	40742	VP	EET ALB	01/01/26 11:11
Total/NA	Prep	SHAKE			40446	JM	EET ALB	12/24/25 09:20
Total/NA	Analysis	8015M/D		1	40544	DR	EET ALB	12/29/25 15:34
Total/NA	Prep	SHAKE			40404	DH	EET ALB	12/23/25 13:56
Total/NA	Analysis	8015M/D		1	40444	EM	EET ALB	12/24/25 22:57
Total/NA	Prep	300_Prep			40582	EH	EET ALB	12/29/25 14:04
Total/NA	Analysis	300.0		10	40592	KB	EET ALB	12/29/25 18:57

Client Sample ID: BS25-08 2'

Lab Sample ID: 885-40205-2

Date Collected: 12/19/25 13:00

Matrix: Solid

Date Received: 12/23/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40397	VP	EET ALB	12/23/25 13:02
Total/NA	Analysis	8015M/D		1	40741	VP	EET ALB	01/01/26 12:22
Total/NA	Prep	5030C			40397	VP	EET ALB	12/23/25 13:02
Total/NA	Analysis	8021B		1	40742	VP	EET ALB	01/01/26 12:22
Total/NA	Prep	SHAKE			40446	JM	EET ALB	12/24/25 09:20
Total/NA	Analysis	8015M/D		1	40544	DR	EET ALB	12/29/25 15:45
Total/NA	Prep	SHAKE			40404	DH	EET ALB	12/23/25 13:56
Total/NA	Analysis	8015M/D		1	40444	EM	EET ALB	12/24/25 23:20
Total/NA	Prep	300_Prep			40582	EH	EET ALB	12/29/25 14:04
Total/NA	Analysis	300.0		10	40592	KB	EET ALB	12/29/25 19:10

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-40205-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-26

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

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-40205-1

Login Number: 40205

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 31, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: CASEY JONES FED COM #707H

Enclosed are the results of analyses for samples received by the laboratory on 12/23/25 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	12/23/2025	Sampling Date:	12/22/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Tamara Oldaker
Project Location:	EOG		

Sample ID: BS25 - 10 3' (H257913-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2025	ND	1.88	94.1	2.00	0.760	
Toluene*	<0.050	0.050	12/26/2025	ND	1.89	94.6	2.00	0.392	
Ethylbenzene*	<0.050	0.050	12/26/2025	ND	1.85	92.6	2.00	0.699	
Total Xylenes*	<0.150	0.150	12/26/2025	ND	5.67	94.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2025	ND	201	101	200	0.698	
DRO >C10-C28*	13.6	10.0	12/26/2025	ND	197	98.5	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	12/26/2025	ND					

Surrogate: 1-Chlorooctane 98.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 105 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	12/23/2025	Sampling Date:	12/22/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Tamara Oldaker
Project Location:	EOG		

Sample ID: BS25 - 11 3' (H257913-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2025	ND	1.88	94.1	2.00	0.760		
Toluene*	<0.050	0.050	12/26/2025	ND	1.89	94.6	2.00	0.392		
Ethylbenzene*	<0.050	0.050	12/26/2025	ND	1.85	92.6	2.00	0.699		
Total Xylenes*	<0.150	0.150	12/26/2025	ND	5.67	94.6	6.00	1.74		
Total BTEX	<0.300	0.300	12/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/26/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/26/2025	ND	201	101	200	0.698		
DRO >C10-C28*	<10.0	10.0	12/26/2025	ND	197	98.5	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	12/26/2025	ND						

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 106 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	12/23/2025	Sampling Date:	12/22/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Tamara Oldaker
Project Location:	EOG		

Sample ID: WS25 - 01 0-4' (H257913-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2025	ND	1.88	94.1	2.00	0.760	
Toluene*	<0.050	0.050	12/26/2025	ND	1.89	94.6	2.00	0.392	
Ethylbenzene*	<0.050	0.050	12/26/2025	ND	1.85	92.6	2.00	0.699	
Total Xylenes*	<0.150	0.150	12/26/2025	ND	5.67	94.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2025	ND	201	101	200	0.698	
DRO >C10-C28*	<10.0	10.0	12/26/2025	ND	197	98.5	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	12/26/2025	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 110 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	12/23/2025	Sampling Date:	12/22/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Tamara Oldaker
Project Location:	EOG		

Sample ID: WS25 - 03 0-2' (H257913-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2025	ND	1.88	94.1	2.00	0.760	
Toluene*	<0.050	0.050	12/26/2025	ND	1.89	94.6	2.00	0.392	
Ethylbenzene*	<0.050	0.050	12/26/2025	ND	1.85	92.6	2.00	0.699	
Total Xylenes*	<0.150	0.150	12/26/2025	ND	5.67	94.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2025	ND	201	101	200	0.698	
DRO >C10-C28*	40.1	10.0	12/26/2025	ND	197	98.5	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	12/26/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: VERTEX RESOURCE
 Project Manager: CHANCE DIXON
 Address: 301 CASASBADILLO HWY 3101 Boyd dr
 City: CAELI BAB State: NM Zip: 88220
 Phone #: Fax #: Attn: CHASE SETTLE
 Project #: QSA-06210 Project Owner: City: Address:
 Project Name: EASY SOUTS 21 EGD COM 707H State: Zip:
 Project Location: Phone #: Fax #:
 Sampler Name: KATRINA TAYLOR

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
HS 7913	BS25-10 3'					X				12-22-25 1030	Chloride	
	BS 25-11 3'									1100	TPH (DRO, GRO, MRO)	
	WS 25-01 0-4'									1130	BTEX	
	WS 25-03 0-2'									1200		

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Relinquished By: [Signature]
 Date: 12-23-25
 Received By: [Signature]
 Date: 11-30
 Remarks: CDIXON@VERTEX.CA AUBURN@VERTEX.CA
 CC: CHASE SETTLE; BILL TO GEA EGG
 EC: KATRINA.TAYLOR@VERTEX.CA

Delivered By: (Circle One) Observed Temp. °C 34
 Sampler - UPS - Bus - Other: Corrected Temp. °C 3.7
 Sample Condition: Cool Intact Yes No
 Checked By: [Signature]
 Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 1/7/2026 10:57:48 AM

JOB DESCRIPTION

Casey Jones 21 FED COM 707H

JOB NUMBER

885-40464-1

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
1/7/2026 10:57:48 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Casey Jones 21 FED COM 707H

Laboratory Job ID: 885-40464-1



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Definitions/Glossary

Client: Vertex

Job ID: 885-40464-1

Project/Site: Casey Jones 21 FED COM 707H

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: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

Job ID: 885-40464-1

Eurofins Albuquerque

Job Narrative 885-40464-1

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 12/30/2025 7:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-40770 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: WS25-02 0-4' (885-40464-2) and (885-40465-A-11-B).

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: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

Client Sample ID: BS25-14 2

Lab Sample ID: 885-40464-1

Date Collected: 12/23/25 11:00

Matrix: Solid

Date Received: 12/30/25 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		12/31/25 13:53	01/05/26 17:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/31/25 13:53	01/05/26 17:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/05/26 17:35	1
Ethylbenzene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 17:35	1
Toluene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 17:35	1
Xylenes, Total	ND		0.097	mg/Kg		12/31/25 13:53	01/05/26 17:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/31/25 13:53	01/05/26 17:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	100		9.6	mg/Kg		01/02/26 12:57	01/06/26 19:32	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/02/26 12:57	01/06/26 19:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			01/02/26 12:57	01/06/26 19:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		51	mg/Kg		01/02/26 07:43	01/02/26 10:32	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

Client Sample ID: WS25-02 0-4'

Lab Sample ID: 885-40464-2

Date Collected: 12/23/25 11:15

Matrix: Solid

Date Received: 12/30/25 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		12/31/25 13:53	01/05/26 18:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			12/31/25 13:53	01/05/26 18:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/31/25 13:53	01/05/26 18:46	1
Ethylbenzene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 18:46	1
Toluene	ND		0.048	mg/Kg		12/31/25 13:53	01/05/26 18:46	1
Xylenes, Total	ND		0.097	mg/Kg		12/31/25 13:53	01/05/26 18:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			12/31/25 13:53	01/05/26 18:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		01/02/26 12:57	01/02/26 23:40	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/02/26 12:57	01/02/26 23:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			01/02/26 12:57	01/02/26 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/02/26 07:43	01/02/26 11:13	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

Client Sample ID: BS25-16 3'

Lab Sample ID: 885-40464-3

Date Collected: 12/23/25 13:15

Matrix: Solid

Date Received: 12/30/25 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		12/31/25 13:53	01/05/26 19:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			12/31/25 13:53	01/05/26 19:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/31/25 13:53	01/05/26 19:57	1
Ethylbenzene	ND		0.050	mg/Kg		12/31/25 13:53	01/05/26 19:57	1
Toluene	ND		0.050	mg/Kg		12/31/25 13:53	01/05/26 19:57	1
Xylenes, Total	ND		0.099	mg/Kg		12/31/25 13:53	01/05/26 19:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			12/31/25 13:53	01/05/26 19:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	110		9.5	mg/Kg		01/02/26 12:57	01/06/26 19:55	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/02/26 12:57	01/06/26 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		62 - 134			01/02/26 12:57	01/06/26 19:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		50	mg/Kg		01/02/26 07:43	01/02/26 12:21	10

QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

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

Lab Sample ID: MB 885-40714/1-A
 Matrix: Solid
 Analysis Batch: 40851

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 40714

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			12/31/25 13:53	01/05/26 15:26	1

Lab Sample ID: LCS 885-40714/2-A
 Matrix: Solid
 Analysis Batch: 40851

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 40714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	23.3		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	183		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-40714/1-A
 Matrix: Solid
 Analysis Batch: 40852

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 40714

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Ethylbenzene	ND		0.050	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Toluene	ND		0.050	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Xylenes, Total	ND		0.10	mg/Kg		12/31/25 13:53	01/05/26 15:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			12/31/25 13:53	01/05/26 15:26	1

Lab Sample ID: LCS 885-40714/3-A
 Matrix: Solid
 Analysis Batch: 40852

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 40714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.854		mg/Kg		85	70 - 130
Ethylbenzene	1.00	0.827		mg/Kg		83	70 - 130
Toluene	1.00	0.856		mg/Kg		86	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	100		15 - 150				

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

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

Lab Sample ID: 885-40464-2 MS
 Matrix: Solid
 Analysis Batch: 40852

Client Sample ID: WS25-02 0-4'
 Prep Type: Total/NA
 Prep Batch: 40714

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Benzene	ND		0.965	0.778		mg/Kg		81		70 - 130
Ethylbenzene	ND		0.965	0.786		mg/Kg		81		70 - 130
Toluene	ND		0.965	0.808		mg/Kg		84		70 - 130
		<i>MS</i>	<i>MS</i>							
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>							
4-Bromofluorobenzene (Surr)	99		15 - 150							

Lab Sample ID: 885-40464-2 MSD
 Matrix: Solid
 Analysis Batch: 40852

Client Sample ID: WS25-02 0-4'
 Prep Type: Total/NA
 Prep Batch: 40714

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Benzene	ND		0.962	0.793		mg/Kg		82		70 - 130	2		20
Ethylbenzene	ND		0.962	0.804		mg/Kg		84		70 - 130	2		20
Toluene	ND		0.962	0.829		mg/Kg		86		70 - 130	3		20
		<i>MSD</i>	<i>MSD</i>										
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>										
4-Bromofluorobenzene (Surr)	100		15 - 150										

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

Lab Sample ID: MB 885-40775/1-A
 Matrix: Solid
 Analysis Batch: 40770

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 40775

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/02/26 12:57	01/02/26 21:21	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/02/26 12:57	01/02/26 21:21	1
		<i>MB</i>	<i>MB</i>					
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>		
Di-n-octyl phthalate (Surr)	96		62 - 134	01/02/26 12:57	01/02/26 21:21	1		

Lab Sample ID: LCS 885-40775/2-A
 Matrix: Solid
 Analysis Batch: 40770

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 40775

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Diesel Range Organics [C10-C28]	50.0	48.2		mg/Kg		96		51 - 148
		<i>LCS</i>	<i>LCS</i>					
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>					
Di-n-octyl phthalate (Surr)	94		62 - 134					

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-40746/1-A
 Matrix: Solid
 Analysis Batch: 40753

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 40746

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/02/26 07:43	01/02/26 09:37	1

Lab Sample ID: LCS 885-40746/2-A
 Matrix: Solid
 Analysis Batch: 40753

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 40746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	46.7		mg/Kg		93	90 - 110

Lab Sample ID: 885-40464-1 MS
 Matrix: Solid
 Analysis Batch: 40753

Client Sample ID: BS25-14 2
 Prep Type: Total/NA
 Prep Batch: 40746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	190		49.8	241		mg/Kg		99	50 - 150

Lab Sample ID: 885-40464-1 MSD
 Matrix: Solid
 Analysis Batch: 40753

Client Sample ID: BS25-14 2
 Prep Type: Total/NA
 Prep Batch: 40746

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	190		50.5	238		mg/Kg		93	50 - 150	1	20

Lab Sample ID: 885-40464-2 MS
 Matrix: Solid
 Analysis Batch: 40753

Client Sample ID: WS25-02 0-4'
 Prep Type: Total/NA
 Prep Batch: 40746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		49.8	98.9		mg/Kg		NC	50 - 150

Lab Sample ID: 885-40464-2 MSD
 Matrix: Solid
 Analysis Batch: 40753

Client Sample ID: WS25-02 0-4'
 Prep Type: Total/NA
 Prep Batch: 40746

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.8	93.4		mg/Kg		NC	50 - 150	6	20

QC Association Summary

Client: Vertex
Project/Site: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

GC VOA

Prep Batch: 40714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40464-1	BS25-14 2	Total/NA	Solid	5030C	
885-40464-2	WS25-02 0-4'	Total/NA	Solid	5030C	
885-40464-3	BS25-16 3'	Total/NA	Solid	5030C	
MB 885-40714/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-40714/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-40714/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-40464-2 MS	WS25-02 0-4'	Total/NA	Solid	5030C	
885-40464-2 MSD	WS25-02 0-4'	Total/NA	Solid	5030C	

Analysis Batch: 40851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40464-1	BS25-14 2	Total/NA	Solid	8015M/D	40714
885-40464-2	WS25-02 0-4'	Total/NA	Solid	8015M/D	40714
885-40464-3	BS25-16 3'	Total/NA	Solid	8015M/D	40714
MB 885-40714/1-A	Method Blank	Total/NA	Solid	8015M/D	40714
LCS 885-40714/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	40714

Analysis Batch: 40852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40464-1	BS25-14 2	Total/NA	Solid	8021B	40714
885-40464-2	WS25-02 0-4'	Total/NA	Solid	8021B	40714
885-40464-3	BS25-16 3'	Total/NA	Solid	8021B	40714
MB 885-40714/1-A	Method Blank	Total/NA	Solid	8021B	40714
LCS 885-40714/3-A	Lab Control Sample	Total/NA	Solid	8021B	40714
885-40464-2 MS	WS25-02 0-4'	Total/NA	Solid	8021B	40714
885-40464-2 MSD	WS25-02 0-4'	Total/NA	Solid	8021B	40714

GC Semi VOA

Analysis Batch: 40770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40464-2	WS25-02 0-4'	Total/NA	Solid	8015M/D	40775
MB 885-40775/1-A	Method Blank	Total/NA	Solid	8015M/D	40775
LCS 885-40775/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	40775

Prep Batch: 40775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40464-1	BS25-14 2	Total/NA	Solid	SHAKE	
885-40464-2	WS25-02 0-4'	Total/NA	Solid	SHAKE	
885-40464-3	BS25-16 3'	Total/NA	Solid	SHAKE	
MB 885-40775/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-40775/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 40836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40464-1	BS25-14 2	Total/NA	Solid	8015M/D	40775
885-40464-3	BS25-16 3'	Total/NA	Solid	8015M/D	40775

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-40464-1

Project/Site: Casey Jones 21 FED COM 707H

HPLC/IC

Prep Batch: 40746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40464-1	BS25-14 2	Total/NA	Solid	300_Prep	
885-40464-2	WS25-02 0-4'	Total/NA	Solid	300_Prep	
885-40464-3	BS25-16 3'	Total/NA	Solid	300_Prep	
MB 885-40746/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-40746/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-40464-1 MS	BS25-14 2	Total/NA	Solid	300_Prep	
885-40464-1 MSD	BS25-14 2	Total/NA	Solid	300_Prep	
885-40464-2 MS	WS25-02 0-4'	Total/NA	Solid	300_Prep	
885-40464-2 MSD	WS25-02 0-4'	Total/NA	Solid	300_Prep	

Analysis Batch: 40753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40464-1	BS25-14 2	Total/NA	Solid	300.0	40746
885-40464-2	WS25-02 0-4'	Total/NA	Solid	300.0	40746
885-40464-3	BS25-16 3'	Total/NA	Solid	300.0	40746
MB 885-40746/1-A	Method Blank	Total/NA	Solid	300.0	40746
LCS 885-40746/2-A	Lab Control Sample	Total/NA	Solid	300.0	40746
885-40464-1 MS	BS25-14 2	Total/NA	Solid	300.0	40746
885-40464-1 MSD	BS25-14 2	Total/NA	Solid	300.0	40746
885-40464-2 MS	WS25-02 0-4'	Total/NA	Solid	300.0	40746
885-40464-2 MSD	WS25-02 0-4'	Total/NA	Solid	300.0	40746

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

Client Sample ID: BS25-14 2

Lab Sample ID: 885-40464-1

Date Collected: 12/23/25 11:00

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 17:35
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 17:35
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40836	EM	EET ALB	01/06/26 19:32
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 10:32

Client Sample ID: WS25-02 0-4'

Lab Sample ID: 885-40464-2

Date Collected: 12/23/25 11:15

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 18:46
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 18:46
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40770	BV	EET ALB	01/02/26 23:40
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 11:13

Client Sample ID: BS25-16 3'

Lab Sample ID: 885-40464-3

Date Collected: 12/23/25 13:15

Matrix: Solid

Date Received: 12/30/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8015M/D		1	40851	VP	EET ALB	01/05/26 19:57
Total/NA	Prep	5030C			40714	JP	EET ALB	12/31/25 13:53
Total/NA	Analysis	8021B		1	40852	VP	EET ALB	01/05/26 19:57
Total/NA	Prep	SHAKE			40775	BV	EET ALB	01/02/26 12:57
Total/NA	Analysis	8015M/D		1	40836	EM	EET ALB	01/06/26 19:55
Total/NA	Prep	300_Prep			40746	JT	EET ALB	01/02/26 07:43
Total/NA	Analysis	300.0		10	40753	JT	EET ALB	01/02/26 12:21

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex
Project/Site: Casey Jones 21 FED COM 707H

Job ID: 885-40464-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-26

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

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-40464-1

Login Number: 40464

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



Environment Testing

- 1
- 2
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- 6
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- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 1/22/2026 11:33:08 AM

JOB DESCRIPTION

Casey Jones 21 Fed COM 707H

JOB NUMBER

885-41266-1

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



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Authorized for release by
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(505)338-8812

Client: Vertex
Project/Site: Casey Jones 21 Fed COM 707H

Laboratory Job ID: 885-41266-1



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Definitions/Glossary

Client: Vertex

Job ID: 885-41266-1

Project/Site: Casey Jones 21 Fed COM 707H

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Case Narrative

Client: Vertex
Project: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Job ID: 885-41266-1

Eurofins Albuquerque

Job Narrative 885-41266-1

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 1/13/2026 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015M/D: The continuing calibration verification (CCV) associated with batch 885-41377 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: BS25-20 3.0' (885-41266-21) and WS25-07 0-3' (885-41266-24).

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

HPLC/IC

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 885-41384 and analytical batch 885-41407 was outside control limits. Sample non-homogeneity is suspected.

Method 300.0: Reanalysis was performed for sample BS25-06 6.0' (885-41266-6) and WS25-08 2-5' (885-41266-17) per client request.

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: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-01 7.5'

Lab Sample ID: 885-41266-1

Date Collected: 01/09/26 10:05

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/16/26 22:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			01/14/26 13:06	01/16/26 22:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/16/26 22:55	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/16/26 22:55	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/16/26 22:55	1
Xylenes, Total	ND		0.098	mg/Kg		01/14/26 13:06	01/16/26 22:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/14/26 13:06	01/16/26 22:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		01/14/26 14:18	01/15/26 03:59	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/14/26 14:18	01/15/26 03:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	75		62 - 134			01/14/26 14:18	01/15/26 03:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	540	F2	50	mg/Kg		01/15/26 09:54	01/15/26 14:31	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-02 7.5'

Lab Sample ID: 885-41266-2

Date Collected: 01/09/26 10:10

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/14/26 13:06	01/17/26 00:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			01/14/26 13:06	01/17/26 00:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 00:06	1
Ethylbenzene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 00:06	1
Toluene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 00:06	1
Xylenes, Total	ND		0.099	mg/Kg		01/14/26 13:06	01/17/26 00:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			01/14/26 13:06	01/17/26 00:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		01/14/26 14:18	01/15/26 04:22	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/14/26 14:18	01/15/26 04:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			01/14/26 14:18	01/15/26 04:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	400		50	mg/Kg		01/15/26 09:54	01/15/26 15:12	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-03 7.5'

Lab Sample ID: 885-41266-3

Date Collected: 01/09/26 10:15

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/14/26 13:06	01/17/26 01:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/14/26 13:06	01/17/26 01:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 01:17	1
Ethylbenzene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 01:17	1
Toluene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 01:17	1
Xylenes, Total	ND		0.099	mg/Kg		01/14/26 13:06	01/17/26 01:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/14/26 13:06	01/17/26 01:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		9.3	mg/Kg		01/14/26 14:18	01/15/26 04:45	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/14/26 14:18	01/15/26 04:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			01/14/26 14:18	01/15/26 04:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	570		50	mg/Kg		01/15/26 09:54	01/15/26 15:53	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-04 7.5'

Lab Sample ID: 885-41266-4

Date Collected: 01/09/26 10:20

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/17/26 01:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			01/14/26 13:06	01/17/26 01:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 01:41	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 01:41	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 01:41	1
Xylenes, Total	ND		0.099	mg/Kg		01/14/26 13:06	01/17/26 01:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/14/26 13:06	01/17/26 01:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/14/26 14:18	01/15/26 05:08	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/14/26 14:18	01/15/26 05:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			01/14/26 14:18	01/15/26 05:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		50	mg/Kg		01/15/26 09:54	01/15/26 16:34	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-05 7.5'

Lab Sample ID: 885-41266-5

Date Collected: 01/09/26 10:25

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/17/26 02:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/14/26 13:06	01/17/26 02:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 02:04	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 02:04	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 02:04	1
Xylenes, Total	ND		0.098	mg/Kg		01/14/26 13:06	01/17/26 02:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/14/26 13:06	01/17/26 02:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		01/14/26 14:18	01/15/26 05:31	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/14/26 14:18	01/15/26 05:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			01/14/26 14:18	01/15/26 05:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		49	mg/Kg		01/15/26 09:54	01/15/26 16:48	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-06 6.0'

Lab Sample ID: 885-41266-6

Date Collected: 01/09/26 10:30

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/17/26 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/14/26 13:06	01/17/26 02:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 02:28	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 02:28	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 02:28	1
Xylenes, Total	ND		0.099	mg/Kg		01/14/26 13:06	01/17/26 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/14/26 13:06	01/17/26 02:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		01/14/26 14:18	01/15/26 05:54	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/14/26 14:18	01/15/26 05:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			01/14/26 14:18	01/15/26 05:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		50	mg/Kg		01/20/26 09:46	01/20/26 17:39	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-08 3.0'

Lab Sample ID: 885-41266-7

Date Collected: 01/09/26 10:35

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/17/26 02:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/14/26 13:06	01/17/26 02:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 13:06	01/17/26 02:51	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 02:51	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 02:51	1
Xylenes, Total	ND		0.098	mg/Kg		01/14/26 13:06	01/17/26 02:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/14/26 13:06	01/17/26 02:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/14/26 14:18	01/15/26 06:17	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/14/26 14:18	01/15/26 06:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			01/14/26 14:18	01/15/26 06:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65		51	mg/Kg		01/15/26 09:54	01/15/26 17:15	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-09 5.0'

Lab Sample ID: 885-41266-8

Date Collected: 01/09/26 10:40

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/14/26 13:06	01/17/26 03:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/14/26 13:06	01/17/26 03:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 03:15	1
Ethylbenzene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 03:15	1
Toluene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 03:15	1
Xylenes, Total	ND		0.099	mg/Kg		01/14/26 13:06	01/17/26 03:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/14/26 13:06	01/17/26 03:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		01/14/26 14:18	01/15/26 06:40	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/14/26 14:18	01/15/26 06:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			01/14/26 14:18	01/15/26 06:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	400		51	mg/Kg		01/15/26 09:54	01/15/26 17:29	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-12 5.0'

Lab Sample ID: 885-41266-9

Date Collected: 01/09/26 10:45

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/17/26 03:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/14/26 13:06	01/17/26 03:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 03:38	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 03:38	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 03:38	1
Xylenes, Total	ND		0.098	mg/Kg		01/14/26 13:06	01/17/26 03:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/14/26 13:06	01/17/26 03:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/14/26 14:18	01/15/26 07:04	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/14/26 14:18	01/15/26 07:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			01/14/26 14:18	01/15/26 07:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		50	mg/Kg		01/15/26 09:54	01/15/26 17:42	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-13 6.0'

Lab Sample ID: 885-41266-10

Date Collected: 01/09/26 10:50

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		01/14/26 13:06	01/17/26 04:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/14/26 13:06	01/17/26 04:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 13:06	01/17/26 04:02	1
Ethylbenzene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 04:02	1
Toluene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 04:02	1
Xylenes, Total	ND		0.096	mg/Kg		01/14/26 13:06	01/17/26 04:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/14/26 13:06	01/17/26 04:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/14/26 14:18	01/15/26 07:27	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/14/26 14:18	01/15/26 07:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			01/14/26 14:18	01/15/26 07:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		50	mg/Kg		01/15/26 09:54	01/15/26 17:56	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-15 3.0'

Lab Sample ID: 885-41266-11

Date Collected: 01/09/26 10:55

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/17/26 04:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/14/26 13:06	01/17/26 04:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 04:49	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 04:49	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 04:49	1
Xylenes, Total	ND		0.099	mg/Kg		01/14/26 13:06	01/17/26 04:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/14/26 13:06	01/17/26 04:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		01/14/26 14:18	01/15/26 08:13	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/14/26 14:18	01/15/26 08:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			01/14/26 14:18	01/15/26 08:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60		50	mg/Kg		01/15/26 09:54	01/15/26 18:10	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-01 4-7.5'

Lab Sample ID: 885-41266-12

Date Collected: 01/09/26 12:00

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		01/14/26 13:06	01/17/26 05:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			01/14/26 13:06	01/17/26 05:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 13:06	01/17/26 05:12	1
Ethylbenzene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 05:12	1
Toluene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 05:12	1
Xylenes, Total	ND		0.097	mg/Kg		01/14/26 13:06	01/17/26 05:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			01/14/26 13:06	01/17/26 05:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		01/14/26 14:18	01/15/26 08:36	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/14/26 14:18	01/15/26 08:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			01/14/26 14:18	01/15/26 08:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	470		49	mg/Kg		01/15/26 09:54	01/15/26 18:23	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-02 4-7.5'

Lab Sample ID: 885-41266-13

Date Collected: 01/09/26 12:10

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		01/14/26 13:06	01/17/26 05:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/14/26 13:06	01/17/26 05:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 13:06	01/17/26 05:35	1
Ethylbenzene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 05:35	1
Toluene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 05:35	1
Xylenes, Total	ND		0.097	mg/Kg		01/14/26 13:06	01/17/26 05:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		15 - 150			01/14/26 13:06	01/17/26 05:35	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		10	mg/Kg		01/14/26 14:18	01/15/26 08:59	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/14/26 14:18	01/15/26 08:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	69		62 - 134			01/14/26 14:18	01/15/26 08:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	380		51	mg/Kg		01/15/26 09:54	01/15/26 18:37	10

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Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-03 2-3'

Lab Sample ID: 885-41266-14

Date Collected: 01/09/26 12:20

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		01/14/26 13:06	01/17/26 05:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/14/26 13:06	01/17/26 05:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 13:06	01/17/26 05:59	1
Ethylbenzene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 05:59	1
Toluene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 05:59	1
Xylenes, Total	ND		0.095	mg/Kg		01/14/26 13:06	01/17/26 05:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/14/26 13:06	01/17/26 05:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		01/14/26 14:18	01/15/26 09:22	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/14/26 14:18	01/15/26 09:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			01/14/26 14:18	01/15/26 09:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87		51	mg/Kg		01/15/26 09:54	01/15/26 19:18	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-04.1 3-6'

Lab Sample ID: 885-41266-15

Date Collected: 01/09/26 12:30

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/17/26 06:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/14/26 13:06	01/17/26 06:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 06:22	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 06:22	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 06:22	1
Xylenes, Total	ND		0.099	mg/Kg		01/14/26 13:06	01/17/26 06:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/14/26 13:06	01/17/26 06:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		01/14/26 14:18	01/15/26 09:45	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/14/26 14:18	01/15/26 09:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			01/14/26 14:18	01/15/26 09:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	480		49	mg/Kg		01/15/26 09:54	01/15/26 19:32	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-05 0-3'

Lab Sample ID: 885-41266-16

Date Collected: 01/09/26 12:40

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/14/26 13:06	01/17/26 06:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/14/26 13:06	01/17/26 06:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 06:46	1
Ethylbenzene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 06:46	1
Toluene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 06:46	1
Xylenes, Total	ND		0.10	mg/Kg		01/14/26 13:06	01/17/26 06:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/14/26 13:06	01/17/26 06:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		01/14/26 14:18	01/15/26 10:08	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/14/26 14:18	01/15/26 10:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			01/14/26 14:18	01/15/26 10:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		50	mg/Kg		01/15/26 09:54	01/15/26 19:45	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-08 2-5'

Lab Sample ID: 885-41266-17

Date Collected: 01/09/26 12:50

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 13:06	01/17/26 07:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			01/14/26 13:06	01/17/26 07:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 13:06	01/17/26 07:09	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 07:09	1
Toluene	ND		0.049	mg/Kg		01/14/26 13:06	01/17/26 07:09	1
Xylenes, Total	ND		0.098	mg/Kg		01/14/26 13:06	01/17/26 07:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/14/26 13:06	01/17/26 07:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		01/14/26 14:18	01/15/26 10:31	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/14/26 14:18	01/15/26 10:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			01/14/26 14:18	01/15/26 10:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		50	mg/Kg		01/20/26 09:46	01/20/26 17:53	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-09 5-7.5'

Lab Sample ID: 885-41266-18

Date Collected: 01/09/26 13:00

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/14/26 13:06	01/17/26 07:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/14/26 13:06	01/17/26 07:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:06	01/17/26 07:32	1
Ethylbenzene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 07:32	1
Toluene	ND		0.050	mg/Kg		01/14/26 13:06	01/17/26 07:32	1
Xylenes, Total	ND		0.10	mg/Kg		01/14/26 13:06	01/17/26 07:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			01/14/26 13:06	01/17/26 07:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		01/14/26 14:18	01/15/26 10:54	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/14/26 14:18	01/15/26 10:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			01/14/26 14:18	01/15/26 10:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		49	mg/Kg		01/15/26 09:54	01/15/26 20:13	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-18 2.0'

Lab Sample ID: 885-41266-19

Date Collected: 01/10/26 10:10

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		01/14/26 13:06	01/17/26 07:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/14/26 13:06	01/17/26 07:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 13:06	01/17/26 07:56	1
Ethylbenzene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 07:56	1
Toluene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 07:56	1
Xylenes, Total	ND		0.096	mg/Kg		01/14/26 13:06	01/17/26 07:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/14/26 13:06	01/17/26 07:56	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]	27		9.7	mg/Kg		01/14/26 14:18	01/15/26 11:17	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/14/26 14:18	01/15/26 11:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			01/14/26 14:18	01/15/26 11:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		50	mg/Kg		01/15/26 09:54	01/15/26 20:26	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-19 3.0'

Lab Sample ID: 885-41266-20

Date Collected: 01/10/26 10:15

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		01/14/26 13:06	01/17/26 08:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/14/26 13:06	01/17/26 08:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 13:06	01/17/26 08:19	1
Ethylbenzene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 08:19	1
Toluene	ND		0.048	mg/Kg		01/14/26 13:06	01/17/26 08:19	1
Xylenes, Total	ND		0.096	mg/Kg		01/14/26 13:06	01/17/26 08:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/14/26 13:06	01/17/26 08:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	34		10	mg/Kg		01/14/26 14:18	01/15/26 11:40	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/14/26 14:18	01/15/26 11:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			01/14/26 14:18	01/15/26 11:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94		51	mg/Kg		01/16/26 09:14	01/16/26 14:36	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-20 3.0'

Lab Sample ID: 885-41266-21

Date Collected: 01/10/26 10:20

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/14/26 14:12	01/19/26 21:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/14/26 14:12	01/19/26 21:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 14:12	01/19/26 21:47	1
Ethylbenzene	ND		0.050	mg/Kg		01/14/26 14:12	01/19/26 21:47	1
Toluene	ND		0.050	mg/Kg		01/14/26 14:12	01/19/26 21:47	1
Xylenes, Total	ND		0.099	mg/Kg		01/14/26 14:12	01/19/26 21:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/14/26 14:12	01/19/26 21:47	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		9.5	mg/Kg		01/15/26 09:43	01/15/26 15:59	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/15/26 09:43	01/15/26 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			01/15/26 09:43	01/15/26 15:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94		50	mg/Kg		01/16/26 09:14	01/16/26 15:09	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-21 4.0'

Lab Sample ID: 885-41266-22

Date Collected: 01/10/26 10:30

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 14:12	01/19/26 22:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/14/26 14:12	01/19/26 22:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 14:12	01/19/26 22:11	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 14:12	01/19/26 22:11	1
Toluene	ND		0.049	mg/Kg		01/14/26 14:12	01/19/26 22:11	1
Xylenes, Total	ND		0.098	mg/Kg		01/14/26 14:12	01/19/26 22:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			01/14/26 14:12	01/19/26 22:11	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]	10		9.5	mg/Kg		01/15/26 09:43	01/15/26 16:11	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/15/26 09:43	01/15/26 16:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			01/15/26 09:43	01/15/26 16:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	560		50	mg/Kg		01/16/26 13:13	01/16/26 16:03	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-06 0-5'

Lab Sample ID: 885-41266-23

Date Collected: 01/10/26 11:05

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		01/14/26 14:12	01/19/26 22:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			01/14/26 14:12	01/19/26 22:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 14:12	01/19/26 22:57	1
Ethylbenzene	ND		0.048	mg/Kg		01/14/26 14:12	01/19/26 22:57	1
Toluene	ND		0.048	mg/Kg		01/14/26 14:12	01/19/26 22:57	1
Xylenes, Total	ND		0.097	mg/Kg		01/14/26 14:12	01/19/26 22:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/14/26 14:12	01/19/26 22:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	31		9.3	mg/Kg		01/15/26 09:43	01/15/26 16:34	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/15/26 09:43	01/15/26 16:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			01/15/26 09:43	01/15/26 16:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		50	mg/Kg		01/16/26 13:13	01/16/26 16:14	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-07 0-3'

Lab Sample ID: 885-41266-24

Date Collected: 01/10/26 11:10

Matrix: Solid

Date Received: 01/13/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		01/14/26 14:12	01/19/26 23:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			01/14/26 14:12	01/19/26 23:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/14/26 14:12	01/19/26 23:21	1
Ethylbenzene	ND		0.049	mg/Kg		01/14/26 14:12	01/19/26 23:21	1
Toluene	ND		0.049	mg/Kg		01/14/26 14:12	01/19/26 23:21	1
Xylenes, Total	ND		0.097	mg/Kg		01/14/26 14:12	01/19/26 23:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/14/26 14:12	01/19/26 23:21	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		9.7	mg/Kg		01/15/26 09:43	01/15/26 16:46	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/15/26 09:43	01/15/26 16:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			01/15/26 09:43	01/15/26 16:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		51	mg/Kg		01/16/26 13:13	01/16/26 16:47	10

QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

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

Lab Sample ID: MB 885-41332/1-A
 Matrix: Solid
 Analysis Batch: 41494

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/14/26 13:05	01/16/26 22:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			01/14/26 13:05	01/16/26 22:31	1

Lab Sample ID: LCS 885-41332/2-A
 Matrix: Solid
 Analysis Batch: 41494

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	27.6		mg/Kg		110	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	215		15 - 150				

Lab Sample ID: 885-41266-1 MS
 Matrix: Solid
 Analysis Batch: 41494

Client Sample ID: BS25-01 7.5'
 Prep Type: Total/NA
 Prep Batch: 41332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		24.3	22.6		mg/Kg		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	208		15 - 150						

Lab Sample ID: 885-41266-1 MSD
 Matrix: Solid
 Analysis Batch: 41494

Client Sample ID: BS25-01 7.5'
 Prep Type: Total/NA
 Prep Batch: 41332

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		24.6	23.5		mg/Kg		96	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	209		15 - 150								

Lab Sample ID: MB 885-41340/1-A
 Matrix: Solid
 Analysis Batch: 41552

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41340

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/14/26 14:11	01/19/26 16:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			01/14/26 14:11	01/19/26 16:40	1

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

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

Lab Sample ID: LCS 885-41340/2-A
 Matrix: Solid
 Analysis Batch: 41552

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	27.3		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	215		15 - 150

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-41332/1-A
 Matrix: Solid
 Analysis Batch: 41495

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/14/26 13:05	01/16/26 22:31	1
Ethylbenzene	ND		0.050	mg/Kg		01/14/26 13:05	01/16/26 22:31	1
Toluene	ND		0.050	mg/Kg		01/14/26 13:05	01/16/26 22:31	1
Xylenes, Total	ND		0.10	mg/Kg		01/14/26 13:05	01/16/26 22:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150	01/14/26 13:05	01/16/26 22:31	1

Lab Sample ID: LCS 885-41332/3-A
 Matrix: Solid
 Analysis Batch: 41495

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.989		mg/Kg		99	70 - 130
Ethylbenzene	1.00	0.966		mg/Kg		97	70 - 130
Toluene	1.00	0.984		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		15 - 150

Lab Sample ID: 885-41266-2 MS
 Matrix: Solid
 Analysis Batch: 41495

Client Sample ID: BS25-02 7.5'
 Prep Type: Total/NA
 Prep Batch: 41332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.975	0.937		mg/Kg		96	70 - 130
Ethylbenzene	ND		0.975	0.968		mg/Kg		99	70 - 130
Toluene	ND		0.975	0.964		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		15 - 150

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

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

Lab Sample ID: 885-41266-2 MSD
 Matrix: Solid
 Analysis Batch: 41495

Client Sample ID: BS25-02 7.5'
 Prep Type: Total/NA
 Prep Batch: 41332

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	ND		0.979	0.952		mg/Kg		97	70 - 130	2	20
Ethylbenzene	ND		0.979	0.956		mg/Kg		98	70 - 130	1	20
Toluene	ND		0.979	0.978		mg/Kg		100	70 - 130	2	20
			MSD	MSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	92		15 - 150								

Lab Sample ID: MB 885-41340/1-A
 Matrix: Solid
 Analysis Batch: 41555

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41340

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		01/14/26 14:11	01/19/26 16:40	1
Ethylbenzene	ND		0.050	mg/Kg		01/14/26 14:11	01/19/26 16:40	1
Toluene	ND		0.050	mg/Kg		01/14/26 14:11	01/19/26 16:40	1
Xylenes, Total	ND		0.10	mg/Kg		01/14/26 14:11	01/19/26 16:40	1
			MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	96		15 - 150	01/14/26 14:11	01/19/26 16:40	1		

Lab Sample ID: LCS 885-41340/3-A
 Matrix: Solid
 Analysis Batch: 41555

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41340

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Added	Result				Qualifier
Benzene	1.00	1.00		mg/Kg		100	70 - 130
Ethylbenzene	1.00	0.988		mg/Kg		99	70 - 130
Toluene	1.00	1.01		mg/Kg		101	70 - 130
			LCS	LCS			
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	97		15 - 150				

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

Lab Sample ID: MB 885-41342/1-A
 Matrix: Solid
 Analysis Batch: 41300

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41342

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/14/26 14:18	01/15/26 03:13	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/14/26 14:18	01/15/26 03:13	1
			MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
Di-n-octyl phthalate (Surr)	83		62 - 134	01/14/26 14:18	01/15/26 03:13	1		

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

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

Lab Sample ID: LCS 885-41342/2-A
Matrix: Solid
Analysis Batch: 41300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	52.2		mg/Kg		104	51 - 148
Surrogate		LCS %Recovery	LCS Qualifier				Limits
Di-n-octyl phthalate (Surr)		94					62 - 134

Lab Sample ID: 885-41266-20 MS
Matrix: Solid
Analysis Batch: 41300

Client Sample ID: BS25-19 3.0'
Prep Type: Total/NA
Prep Batch: 41342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	34		46.4	67.9		mg/Kg		74	44 - 136
Surrogate		MS %Recovery	MS Qualifier						Limits
Di-n-octyl phthalate (Surr)		102							62 - 134

Lab Sample ID: 885-41266-20 MSD
Matrix: Solid
Analysis Batch: 41300

Client Sample ID: BS25-19 3.0'
Prep Type: Total/NA
Prep Batch: 41342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	34		47.3	67.1		mg/Kg		71	44 - 136	1	32
Surrogate		MSD %Recovery	MSD Qualifier						Limits		
Di-n-octyl phthalate (Surr)		105							62 - 134		

Lab Sample ID: MB 885-41383/1-A
Matrix: Solid
Analysis Batch: 41377

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41383

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/15/26 09:43	01/15/26 11:43	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/15/26 09:43	01/15/26 11:43	1
Surrogate		MB %Recovery	MB Qualifier			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)		108				01/15/26 09:43	01/15/26 11:43	1

Lab Sample ID: LCS 885-41383/2-A
Matrix: Solid
Analysis Batch: 41377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	60.9		mg/Kg		122	51 - 148

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

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

Lab Sample ID: LCS 885-41383/2-A
Matrix: Solid
Analysis Batch: 41377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41383

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

Lab Sample ID: 885-41266-24 MS
Matrix: Solid
Analysis Batch: 41377

Client Sample ID: WS25-07 0-3'
Prep Type: Total/NA
Prep Batch: 41383

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Diesel Range Organics [C10-C28]	ND		49.0	47.2		mg/Kg		96	44 - 136	
Surrogate	MS %Recovery	MS Qualifier	Limits							
Di-n-octyl phthalate (Surr)	111		62 - 134							

Lab Sample ID: 885-41266-24 MSD
Matrix: Solid
Analysis Batch: 41377

Client Sample ID: WS25-07 0-3'
Prep Type: Total/NA
Prep Batch: 41383

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.2	50.6		mg/Kg		110	44 - 136	7	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	110		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41384/1-A
Matrix: Solid
Analysis Batch: 41407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41384

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/15/26 09:54	01/15/26 13:50	1

Lab Sample ID: LCS 885-41384/2-A
Matrix: Solid
Analysis Batch: 41407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.7	48.5		mg/Kg		98	90 - 110

Lab Sample ID: 885-41266-2 MS
Matrix: Solid
Analysis Batch: 41407

Client Sample ID: BS25-02 7.5'
Prep Type: Total/NA
Prep Batch: 41384

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	400		50.7	432	4	mg/Kg		59	50 - 150

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-41266-2 MSD
Matrix: Solid
Analysis Batch: 41407

Client Sample ID: BS25-02 7.5'
Prep Type: Total/NA
Prep Batch: 41384

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	400		50.7	430	4	mg/Kg		55	50 - 150	0	20

Lab Sample ID: MRL 885-41407/34
Matrix: Solid
Analysis Batch: 41407

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.521		mg/L		104	50 - 150

Lab Sample ID: MB 885-41450/1-A
Matrix: Solid
Analysis Batch: 41456

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41450

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/16/26 09:14	01/16/26 10:16	1

Lab Sample ID: LCS 885-41450/2-A
Matrix: Solid
Analysis Batch: 41456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	51.0		mg/Kg		102	90 - 110

Lab Sample ID: 885-41266-20 MS
Matrix: Solid
Analysis Batch: 41456

Client Sample ID: BS25-19 3.0'
Prep Type: Total/NA
Prep Batch: 41450

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	94		50.2	135		mg/Kg		83	50 - 150

Lab Sample ID: 885-41266-20 MSD
Matrix: Solid
Analysis Batch: 41456

Client Sample ID: BS25-19 3.0'
Prep Type: Total/NA
Prep Batch: 41450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	94		49.7	136		mg/Kg		85	50 - 150	0	20

Lab Sample ID: 885-41266-21 MS
Matrix: Solid
Analysis Batch: 41456

Client Sample ID: BS25-20 3.0'
Prep Type: Total/NA
Prep Batch: 41450

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	94		50.2	144		mg/Kg		100	50 - 150

Lab Sample ID: 885-41266-21 MSD
Matrix: Solid
Analysis Batch: 41456

Client Sample ID: BS25-20 3.0'
Prep Type: Total/NA
Prep Batch: 41450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	94		50.5	142		mg/Kg		94	50 - 150	2	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41474/1-A
 Matrix: Solid
 Analysis Batch: 41456

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41474

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/16/26 13:13	01/16/26 15:41	1

Lab Sample ID: LCS 885-41474/2-A
 Matrix: Solid
 Analysis Batch: 41456

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41474

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	49.9		mg/Kg		100	90 - 110

Lab Sample ID: 885-41266-24 MS
 Matrix: Solid
 Analysis Batch: 41456

Client Sample ID: WS25-07 0-3'
 Prep Type: Total/NA
 Prep Batch: 41474

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	160		49.3	223		mg/Kg		132	50 - 150

Lab Sample ID: 885-41266-24 MSD
 Matrix: Solid
 Analysis Batch: 41456

Client Sample ID: WS25-07 0-3'
 Prep Type: Total/NA
 Prep Batch: 41474

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	160		49.5	205		mg/Kg		96	50 - 150	8	20

Lab Sample ID: MB 885-41592/1-A
 Matrix: Solid
 Analysis Batch: 41597

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41592

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/20/26 09:46	01/20/26 11:03	1

Lab Sample ID: LCS 885-41592/2-A
 Matrix: Solid
 Analysis Batch: 41597

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	50.9		mg/Kg		102	90 - 110

QC Association Summary

Client: Vertex

Job ID: 885-41266-1

Project/Site: Casey Jones 21 Fed COM 707H

GC VOA

Prep Batch: 41332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-1	BS25-01 7.5'	Total/NA	Solid	5030C	
885-41266-2	BS25-02 7.5'	Total/NA	Solid	5030C	
885-41266-3	BS25-03 7.5'	Total/NA	Solid	5030C	
885-41266-4	BS25-04 7.5'	Total/NA	Solid	5030C	
885-41266-5	BS25-05 7.5'	Total/NA	Solid	5030C	
885-41266-6	BS25-06 6.0'	Total/NA	Solid	5030C	
885-41266-7	BS25-08 3.0'	Total/NA	Solid	5030C	
885-41266-8	BS25-09 5.0'	Total/NA	Solid	5030C	
885-41266-9	BS25-12 5.0'	Total/NA	Solid	5030C	
885-41266-10	BS25-13 6.0'	Total/NA	Solid	5030C	
885-41266-11	BS25-15 3.0'	Total/NA	Solid	5030C	
885-41266-12	WS25-01 4-7.5'	Total/NA	Solid	5030C	
885-41266-13	WS25-02 4-7.5'	Total/NA	Solid	5030C	
885-41266-14	WS25-03 2-3'	Total/NA	Solid	5030C	
885-41266-15	WS25-04.1 3-6'	Total/NA	Solid	5030C	
885-41266-16	WS25-05 0-3'	Total/NA	Solid	5030C	
885-41266-17	WS25-08 2-5'	Total/NA	Solid	5030C	
885-41266-18	WS25-09 5-7.5'	Total/NA	Solid	5030C	
885-41266-19	BS25-18 2.0'	Total/NA	Solid	5030C	
885-41266-20	BS25-19 3.0'	Total/NA	Solid	5030C	
MB 885-41332/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41332/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41332/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-41266-1 MS	BS25-01 7.5'	Total/NA	Solid	5030C	
885-41266-1 MSD	BS25-01 7.5'	Total/NA	Solid	5030C	
885-41266-2 MS	BS25-02 7.5'	Total/NA	Solid	5030C	
885-41266-2 MSD	BS25-02 7.5'	Total/NA	Solid	5030C	

Prep Batch: 41340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-21	BS25-20 3.0'	Total/NA	Solid	5030C	
885-41266-22	BS25-21 4.0'	Total/NA	Solid	5030C	
885-41266-23	WS25-06 0-5'	Total/NA	Solid	5030C	
885-41266-24	WS25-07 0-3'	Total/NA	Solid	5030C	
MB 885-41340/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41340/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41340/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 41494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-1	BS25-01 7.5'	Total/NA	Solid	8015M/D	41332
885-41266-2	BS25-02 7.5'	Total/NA	Solid	8015M/D	41332
885-41266-3	BS25-03 7.5'	Total/NA	Solid	8015M/D	41332
885-41266-4	BS25-04 7.5'	Total/NA	Solid	8015M/D	41332
885-41266-5	BS25-05 7.5'	Total/NA	Solid	8015M/D	41332
885-41266-6	BS25-06 6.0'	Total/NA	Solid	8015M/D	41332
885-41266-7	BS25-08 3.0'	Total/NA	Solid	8015M/D	41332
885-41266-8	BS25-09 5.0'	Total/NA	Solid	8015M/D	41332
885-41266-9	BS25-12 5.0'	Total/NA	Solid	8015M/D	41332
885-41266-10	BS25-13 6.0'	Total/NA	Solid	8015M/D	41332
885-41266-11	BS25-15 3.0'	Total/NA	Solid	8015M/D	41332

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

GC VOA (Continued)

Analysis Batch: 41494 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-12	WS25-01 4-7.5'	Total/NA	Solid	8015M/D	41332
885-41266-13	WS25-02 4-7.5'	Total/NA	Solid	8015M/D	41332
885-41266-14	WS25-03 2-3'	Total/NA	Solid	8015M/D	41332
885-41266-15	WS25-04.1 3-6'	Total/NA	Solid	8015M/D	41332
885-41266-16	WS25-05 0-3'	Total/NA	Solid	8015M/D	41332
885-41266-17	WS25-08 2-5'	Total/NA	Solid	8015M/D	41332
885-41266-18	WS25-09 5-7.5'	Total/NA	Solid	8015M/D	41332
885-41266-19	BS25-18 2.0'	Total/NA	Solid	8015M/D	41332
885-41266-20	BS25-19 3.0'	Total/NA	Solid	8015M/D	41332
MB 885-41332/1-A	Method Blank	Total/NA	Solid	8015M/D	41332
LCS 885-41332/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41332
885-41266-1 MS	BS25-01 7.5'	Total/NA	Solid	8015M/D	41332
885-41266-1 MSD	BS25-01 7.5'	Total/NA	Solid	8015M/D	41332

Analysis Batch: 41495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-1	BS25-01 7.5'	Total/NA	Solid	8021B	41332
885-41266-2	BS25-02 7.5'	Total/NA	Solid	8021B	41332
885-41266-3	BS25-03 7.5'	Total/NA	Solid	8021B	41332
885-41266-4	BS25-04 7.5'	Total/NA	Solid	8021B	41332
885-41266-5	BS25-05 7.5'	Total/NA	Solid	8021B	41332
885-41266-6	BS25-06 6.0'	Total/NA	Solid	8021B	41332
885-41266-7	BS25-08 3.0'	Total/NA	Solid	8021B	41332
885-41266-8	BS25-09 5.0'	Total/NA	Solid	8021B	41332
885-41266-9	BS25-12 5.0'	Total/NA	Solid	8021B	41332
885-41266-10	BS25-13 6.0'	Total/NA	Solid	8021B	41332
885-41266-11	BS25-15 3.0'	Total/NA	Solid	8021B	41332
885-41266-12	WS25-01 4-7.5'	Total/NA	Solid	8021B	41332
885-41266-13	WS25-02 4-7.5'	Total/NA	Solid	8021B	41332
885-41266-14	WS25-03 2-3'	Total/NA	Solid	8021B	41332
885-41266-15	WS25-04.1 3-6'	Total/NA	Solid	8021B	41332
885-41266-16	WS25-05 0-3'	Total/NA	Solid	8021B	41332
885-41266-17	WS25-08 2-5'	Total/NA	Solid	8021B	41332
885-41266-18	WS25-09 5-7.5'	Total/NA	Solid	8021B	41332
885-41266-19	BS25-18 2.0'	Total/NA	Solid	8021B	41332
885-41266-20	BS25-19 3.0'	Total/NA	Solid	8021B	41332
MB 885-41332/1-A	Method Blank	Total/NA	Solid	8021B	41332
LCS 885-41332/3-A	Lab Control Sample	Total/NA	Solid	8021B	41332
885-41266-2 MS	BS25-02 7.5'	Total/NA	Solid	8021B	41332
885-41266-2 MSD	BS25-02 7.5'	Total/NA	Solid	8021B	41332

Analysis Batch: 41552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-21	BS25-20 3.0'	Total/NA	Solid	8015M/D	41340
885-41266-22	BS25-21 4.0'	Total/NA	Solid	8015M/D	41340
885-41266-23	WS25-06 0-5'	Total/NA	Solid	8015M/D	41340
885-41266-24	WS25-07 0-3'	Total/NA	Solid	8015M/D	41340
MB 885-41340/1-A	Method Blank	Total/NA	Solid	8015M/D	41340
LCS 885-41340/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41340

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-41266-1

Project/Site: Casey Jones 21 Fed COM 707H

GC VOA

Analysis Batch: 41555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-21	BS25-20 3.0'	Total/NA	Solid	8021B	41340
885-41266-22	BS25-21 4.0'	Total/NA	Solid	8021B	41340
885-41266-23	WS25-06 0-5'	Total/NA	Solid	8021B	41340
885-41266-24	WS25-07 0-3'	Total/NA	Solid	8021B	41340
MB 885-41340/1-A	Method Blank	Total/NA	Solid	8021B	41340
LCS 885-41340/3-A	Lab Control Sample	Total/NA	Solid	8021B	41340

GC Semi VOA

Analysis Batch: 41300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-1	BS25-01 7.5'	Total/NA	Solid	8015M/D	41342
885-41266-2	BS25-02 7.5'	Total/NA	Solid	8015M/D	41342
885-41266-3	BS25-03 7.5'	Total/NA	Solid	8015M/D	41342
885-41266-4	BS25-04 7.5'	Total/NA	Solid	8015M/D	41342
885-41266-5	BS25-05 7.5'	Total/NA	Solid	8015M/D	41342
885-41266-6	BS25-06 6.0'	Total/NA	Solid	8015M/D	41342
885-41266-7	BS25-08 3.0'	Total/NA	Solid	8015M/D	41342
885-41266-8	BS25-09 5.0'	Total/NA	Solid	8015M/D	41342
885-41266-9	BS25-12 5.0'	Total/NA	Solid	8015M/D	41342
885-41266-10	BS25-13 6.0'	Total/NA	Solid	8015M/D	41342
885-41266-11	BS25-15 3.0'	Total/NA	Solid	8015M/D	41342
885-41266-12	WS25-01 4-7.5'	Total/NA	Solid	8015M/D	41342
885-41266-13	WS25-02 4-7.5'	Total/NA	Solid	8015M/D	41342
885-41266-14	WS25-03 2-3'	Total/NA	Solid	8015M/D	41342
885-41266-15	WS25-04.1 3-6'	Total/NA	Solid	8015M/D	41342
885-41266-16	WS25-05 0-3'	Total/NA	Solid	8015M/D	41342
885-41266-17	WS25-08 2-5'	Total/NA	Solid	8015M/D	41342
885-41266-18	WS25-09 5-7.5'	Total/NA	Solid	8015M/D	41342
885-41266-19	BS25-18 2.0'	Total/NA	Solid	8015M/D	41342
885-41266-20	BS25-19 3.0'	Total/NA	Solid	8015M/D	41342
MB 885-41342/1-A	Method Blank	Total/NA	Solid	8015M/D	41342
LCS 885-41342/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41342
885-41266-20 MS	BS25-19 3.0'	Total/NA	Solid	8015M/D	41342
885-41266-20 MSD	BS25-19 3.0'	Total/NA	Solid	8015M/D	41342

Prep Batch: 41342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-1	BS25-01 7.5'	Total/NA	Solid	SHAKE	
885-41266-2	BS25-02 7.5'	Total/NA	Solid	SHAKE	
885-41266-3	BS25-03 7.5'	Total/NA	Solid	SHAKE	
885-41266-4	BS25-04 7.5'	Total/NA	Solid	SHAKE	
885-41266-5	BS25-05 7.5'	Total/NA	Solid	SHAKE	
885-41266-6	BS25-06 6.0'	Total/NA	Solid	SHAKE	
885-41266-7	BS25-08 3.0'	Total/NA	Solid	SHAKE	
885-41266-8	BS25-09 5.0'	Total/NA	Solid	SHAKE	
885-41266-9	BS25-12 5.0'	Total/NA	Solid	SHAKE	
885-41266-10	BS25-13 6.0'	Total/NA	Solid	SHAKE	
885-41266-11	BS25-15 3.0'	Total/NA	Solid	SHAKE	
885-41266-12	WS25-01 4-7.5'	Total/NA	Solid	SHAKE	
885-41266-13	WS25-02 4-7.5'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-41266-1

Project/Site: Casey Jones 21 Fed COM 707H

GC Semi VOA (Continued)

Prep Batch: 41342 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-14	WS25-03 2-3'	Total/NA	Solid	SHAKE	
885-41266-15	WS25-04.1 3-6'	Total/NA	Solid	SHAKE	
885-41266-16	WS25-05 0-3'	Total/NA	Solid	SHAKE	
885-41266-17	WS25-08 2-5'	Total/NA	Solid	SHAKE	
885-41266-18	WS25-09 5-7.5'	Total/NA	Solid	SHAKE	
885-41266-19	BS25-18 2.0'	Total/NA	Solid	SHAKE	
885-41266-20	BS25-19 3.0'	Total/NA	Solid	SHAKE	
MB 885-41342/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41342/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-41266-20 MS	BS25-19 3.0'	Total/NA	Solid	SHAKE	
885-41266-20 MSD	BS25-19 3.0'	Total/NA	Solid	SHAKE	

Analysis Batch: 41377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-21	BS25-20 3.0'	Total/NA	Solid	8015M/D	41383
885-41266-22	BS25-21 4.0'	Total/NA	Solid	8015M/D	41383
885-41266-23	WS25-06 0-5'	Total/NA	Solid	8015M/D	41383
885-41266-24	WS25-07 0-3'	Total/NA	Solid	8015M/D	41383
MB 885-41383/1-A	Method Blank	Total/NA	Solid	8015M/D	41383
LCS 885-41383/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41383
885-41266-24 MS	WS25-07 0-3'	Total/NA	Solid	8015M/D	41383
885-41266-24 MSD	WS25-07 0-3'	Total/NA	Solid	8015M/D	41383

Prep Batch: 41383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-21	BS25-20 3.0'	Total/NA	Solid	SHAKE	
885-41266-22	BS25-21 4.0'	Total/NA	Solid	SHAKE	
885-41266-23	WS25-06 0-5'	Total/NA	Solid	SHAKE	
885-41266-24	WS25-07 0-3'	Total/NA	Solid	SHAKE	
MB 885-41383/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41383/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-41266-24 MS	WS25-07 0-3'	Total/NA	Solid	SHAKE	
885-41266-24 MSD	WS25-07 0-3'	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 41384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-1	BS25-01 7.5'	Total/NA	Solid	300_Prep	
885-41266-2	BS25-02 7.5'	Total/NA	Solid	300_Prep	
885-41266-3	BS25-03 7.5'	Total/NA	Solid	300_Prep	
885-41266-4	BS25-04 7.5'	Total/NA	Solid	300_Prep	
885-41266-5	BS25-05 7.5'	Total/NA	Solid	300_Prep	
885-41266-7	BS25-08 3.0'	Total/NA	Solid	300_Prep	
885-41266-8	BS25-09 5.0'	Total/NA	Solid	300_Prep	
885-41266-9	BS25-12 5.0'	Total/NA	Solid	300_Prep	
885-41266-10	BS25-13 6.0'	Total/NA	Solid	300_Prep	
885-41266-11	BS25-15 3.0'	Total/NA	Solid	300_Prep	
885-41266-12	WS25-01 4-7.5'	Total/NA	Solid	300_Prep	
885-41266-13	WS25-02 4-7.5'	Total/NA	Solid	300_Prep	
885-41266-14	WS25-03 2-3'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-41266-1

Project/Site: Casey Jones 21 Fed COM 707H

HPLC/IC (Continued)

Prep Batch: 41384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-15	WS25-04.1 3-6'	Total/NA	Solid	300_Prep	
885-41266-16	WS25-05 0-3'	Total/NA	Solid	300_Prep	
885-41266-18	WS25-09 5-7.5'	Total/NA	Solid	300_Prep	
885-41266-19	BS25-18 2.0'	Total/NA	Solid	300_Prep	
MB 885-41384/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41384/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-41266-2 MS	BS25-02 7.5'	Total/NA	Solid	300_Prep	
885-41266-2 MSD	BS25-02 7.5'	Total/NA	Solid	300_Prep	

Analysis Batch: 41407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-1	BS25-01 7.5'	Total/NA	Solid	300.0	41384
885-41266-2	BS25-02 7.5'	Total/NA	Solid	300.0	41384
885-41266-3	BS25-03 7.5'	Total/NA	Solid	300.0	41384
885-41266-4	BS25-04 7.5'	Total/NA	Solid	300.0	41384
885-41266-5	BS25-05 7.5'	Total/NA	Solid	300.0	41384
885-41266-7	BS25-08 3.0'	Total/NA	Solid	300.0	41384
885-41266-8	BS25-09 5.0'	Total/NA	Solid	300.0	41384
885-41266-9	BS25-12 5.0'	Total/NA	Solid	300.0	41384
885-41266-10	BS25-13 6.0'	Total/NA	Solid	300.0	41384
885-41266-11	BS25-15 3.0'	Total/NA	Solid	300.0	41384
885-41266-12	WS25-01 4-7.5'	Total/NA	Solid	300.0	41384
885-41266-13	WS25-02 4-7.5'	Total/NA	Solid	300.0	41384
885-41266-14	WS25-03 2-3'	Total/NA	Solid	300.0	41384
885-41266-15	WS25-04.1 3-6'	Total/NA	Solid	300.0	41384
885-41266-16	WS25-05 0-3'	Total/NA	Solid	300.0	41384
885-41266-18	WS25-09 5-7.5'	Total/NA	Solid	300.0	41384
885-41266-19	BS25-18 2.0'	Total/NA	Solid	300.0	41384
MB 885-41384/1-A	Method Blank	Total/NA	Solid	300.0	41384
LCS 885-41384/2-A	Lab Control Sample	Total/NA	Solid	300.0	41384
MRL 885-41407/34	Lab Control Sample	Total/NA	Solid	300.0	
885-41266-2 MS	BS25-02 7.5'	Total/NA	Solid	300.0	41384
885-41266-2 MSD	BS25-02 7.5'	Total/NA	Solid	300.0	41384

Prep Batch: 41450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-20	BS25-19 3.0'	Total/NA	Solid	300_Prep	
885-41266-21	BS25-20 3.0'	Total/NA	Solid	300_Prep	
MB 885-41450/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41450/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-41266-20 MS	BS25-19 3.0'	Total/NA	Solid	300_Prep	
885-41266-20 MSD	BS25-19 3.0'	Total/NA	Solid	300_Prep	
885-41266-21 MS	BS25-20 3.0'	Total/NA	Solid	300_Prep	
885-41266-21 MSD	BS25-20 3.0'	Total/NA	Solid	300_Prep	

Analysis Batch: 41456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-20	BS25-19 3.0'	Total/NA	Solid	300.0	41450
885-41266-21	BS25-20 3.0'	Total/NA	Solid	300.0	41450
885-41266-22	BS25-21 4.0'	Total/NA	Solid	300.0	41474
885-41266-23	WS25-06 0-5'	Total/NA	Solid	300.0	41474

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

HPLC/IC (Continued)

Analysis Batch: 41456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-24	WS25-07 0-3'	Total/NA	Solid	300.0	41474
MB 885-41450/1-A	Method Blank	Total/NA	Solid	300.0	41450
MB 885-41474/1-A	Method Blank	Total/NA	Solid	300.0	41474
LCS 885-41450/2-A	Lab Control Sample	Total/NA	Solid	300.0	41450
LCS 885-41474/2-A	Lab Control Sample	Total/NA	Solid	300.0	41474
885-41266-20 MS	BS25-19 3.0'	Total/NA	Solid	300.0	41450
885-41266-20 MSD	BS25-19 3.0'	Total/NA	Solid	300.0	41450
885-41266-21 MS	BS25-20 3.0'	Total/NA	Solid	300.0	41450
885-41266-21 MSD	BS25-20 3.0'	Total/NA	Solid	300.0	41450
885-41266-24 MS	WS25-07 0-3'	Total/NA	Solid	300.0	41474
885-41266-24 MSD	WS25-07 0-3'	Total/NA	Solid	300.0	41474

Prep Batch: 41474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-22	BS25-21 4.0'	Total/NA	Solid	300_Prep	
885-41266-23	WS25-06 0-5'	Total/NA	Solid	300_Prep	
885-41266-24	WS25-07 0-3'	Total/NA	Solid	300_Prep	
MB 885-41474/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41474/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-41266-24 MS	WS25-07 0-3'	Total/NA	Solid	300_Prep	
885-41266-24 MSD	WS25-07 0-3'	Total/NA	Solid	300_Prep	

Prep Batch: 41592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-6	BS25-06 6.0'	Total/NA	Solid	300_Prep	
885-41266-17	WS25-08 2-5'	Total/NA	Solid	300_Prep	
MB 885-41592/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41592/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 41597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41266-6	BS25-06 6.0'	Total/NA	Solid	300.0	41592
885-41266-17	WS25-08 2-5'	Total/NA	Solid	300.0	41592
MB 885-41592/1-A	Method Blank	Total/NA	Solid	300.0	41592
LCS 885-41592/2-A	Lab Control Sample	Total/NA	Solid	300.0	41592

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-01 7.5'

Lab Sample ID: 885-41266-1

Date Collected: 01/09/26 10:05

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/16/26 22:55
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/16/26 22:55
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 03:59
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 14:31

Client Sample ID: BS25-02 7.5'

Lab Sample ID: 885-41266-2

Date Collected: 01/09/26 10:10

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 00:06
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 00:06
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 04:22
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 15:12

Client Sample ID: BS25-03 7.5'

Lab Sample ID: 885-41266-3

Date Collected: 01/09/26 10:15

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 01:17
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 01:17
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 04:45
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 15:53

Client Sample ID: BS25-04 7.5'

Lab Sample ID: 885-41266-4

Date Collected: 01/09/26 10:20

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 01:41

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-04 7.5'

Lab Sample ID: 885-41266-4

Date Collected: 01/09/26 10:20

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 01:41
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 05:08
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 16:34

Client Sample ID: BS25-05 7.5'

Lab Sample ID: 885-41266-5

Date Collected: 01/09/26 10:25

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 02:04
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 02:04
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 05:31
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 16:48

Client Sample ID: BS25-06 6.0'

Lab Sample ID: 885-41266-6

Date Collected: 01/09/26 10:30

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 02:28
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 02:28
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 05:54
Total/NA	Prep	300_Prep			41592	MA	EET ALB	01/20/26 09:46
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 17:39

Client Sample ID: BS25-08 3.0'

Lab Sample ID: 885-41266-7

Date Collected: 01/09/26 10:35

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 02:51
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 02:51

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Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-08 3.0'

Lab Sample ID: 885-41266-7

Date Collected: 01/09/26 10:35

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 06:17
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 17:15

Client Sample ID: BS25-09 5.0'

Lab Sample ID: 885-41266-8

Date Collected: 01/09/26 10:40

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 03:15
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 03:15
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 06:40
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 17:29

Client Sample ID: BS25-12 5.0'

Lab Sample ID: 885-41266-9

Date Collected: 01/09/26 10:45

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 03:38
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 03:38
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 07:04
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 17:42

Client Sample ID: BS25-13 6.0'

Lab Sample ID: 885-41266-10

Date Collected: 01/09/26 10:50

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 04:02
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 04:02
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 07:27

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Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-13 6.0'

Lab Sample ID: 885-41266-10

Date Collected: 01/09/26 10:50

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 17:56

Client Sample ID: BS25-15 3.0'

Lab Sample ID: 885-41266-11

Date Collected: 01/09/26 10:55

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 04:49
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 04:49
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 08:13
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 18:10

Client Sample ID: WS25-01 4-7.5'

Lab Sample ID: 885-41266-12

Date Collected: 01/09/26 12:00

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 05:12
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 05:12
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 08:36
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 18:23

Client Sample ID: WS25-02 4-7.5'

Lab Sample ID: 885-41266-13

Date Collected: 01/09/26 12:10

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 05:35
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 05:35
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 08:59
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 18:37

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-03 2-3'

Lab Sample ID: 885-41266-14

Date Collected: 01/09/26 12:20

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 05:59
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 05:59
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 09:22
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 19:18

Client Sample ID: WS25-04.1 3-6'

Lab Sample ID: 885-41266-15

Date Collected: 01/09/26 12:30

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 06:22
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 06:22
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 09:45
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 19:32

Client Sample ID: WS25-05 0-3'

Lab Sample ID: 885-41266-16

Date Collected: 01/09/26 12:40

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 06:46
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 06:46
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 10:08
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 19:45

Client Sample ID: WS25-08 2-5'

Lab Sample ID: 885-41266-17

Date Collected: 01/09/26 12:50

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 07:09

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-08 2-5'

Lab Sample ID: 885-41266-17

Date Collected: 01/09/26 12:50

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 07:09
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 10:31
Total/NA	Prep	300_Prep			41592	MA	EET ALB	01/20/26 09:46
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 17:53

Client Sample ID: WS25-09 5-7.5'

Lab Sample ID: 885-41266-18

Date Collected: 01/09/26 13:00

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 07:32
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 07:32
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 10:54
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 20:13

Client Sample ID: BS25-18 2.0'

Lab Sample ID: 885-41266-19

Date Collected: 01/10/26 10:10

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 07:56
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 07:56
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 11:17
Total/NA	Prep	300_Prep			41384	MA	EET ALB	01/15/26 09:54
Total/NA	Analysis	300.0		10	41407	MA	EET ALB	01/15/26 20:26

Client Sample ID: BS25-19 3.0'

Lab Sample ID: 885-41266-20

Date Collected: 01/10/26 10:15

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8015M/D		1	41494	VP	EET ALB	01/17/26 08:19
Total/NA	Prep	5030C			41332	VP	EET ALB	01/14/26 13:06
Total/NA	Analysis	8021B		1	41495	VP	EET ALB	01/17/26 08:19

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: BS25-19 3.0'

Lab Sample ID: 885-41266-20

Date Collected: 01/10/26 10:15

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41342	DR	EET ALB	01/14/26 14:18
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 11:40
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 14:36

Client Sample ID: BS25-20 3.0'

Lab Sample ID: 885-41266-21

Date Collected: 01/10/26 10:20

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41340	VP	EET ALB	01/14/26 14:12
Total/NA	Analysis	8015M/D		1	41552	VP	EET ALB	01/19/26 21:47
Total/NA	Prep	5030C			41340	VP	EET ALB	01/14/26 14:12
Total/NA	Analysis	8021B		1	41555	VP	EET ALB	01/19/26 21:47
Total/NA	Prep	SHAKE			41383	EM	EET ALB	01/15/26 09:43
Total/NA	Analysis	8015M/D		1	41377	EM	EET ALB	01/15/26 15:59
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 15:09

Client Sample ID: BS25-21 4.0'

Lab Sample ID: 885-41266-22

Date Collected: 01/10/26 10:30

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41340	VP	EET ALB	01/14/26 14:12
Total/NA	Analysis	8015M/D		1	41552	VP	EET ALB	01/19/26 22:11
Total/NA	Prep	5030C			41340	VP	EET ALB	01/14/26 14:12
Total/NA	Analysis	8021B		1	41555	VP	EET ALB	01/19/26 22:11
Total/NA	Prep	SHAKE			41383	EM	EET ALB	01/15/26 09:43
Total/NA	Analysis	8015M/D		1	41377	EM	EET ALB	01/15/26 16:11
Total/NA	Prep	300_Prep			41474	MA	EET ALB	01/16/26 13:13
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 16:03

Client Sample ID: WS25-06 0-5'

Lab Sample ID: 885-41266-23

Date Collected: 01/10/26 11:05

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41340	VP	EET ALB	01/14/26 14:12
Total/NA	Analysis	8015M/D		1	41552	VP	EET ALB	01/19/26 22:57
Total/NA	Prep	5030C			41340	VP	EET ALB	01/14/26 14:12
Total/NA	Analysis	8021B		1	41555	VP	EET ALB	01/19/26 22:57
Total/NA	Prep	SHAKE			41383	EM	EET ALB	01/15/26 09:43
Total/NA	Analysis	8015M/D		1	41377	EM	EET ALB	01/15/26 16:34

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Client Sample ID: WS25-06 0-5'

Lab Sample ID: 885-41266-23

Date Collected: 01/10/26 11:05

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			41474	MA	EET ALB	01/16/26 13:13
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 16:14

Client Sample ID: WS25-07 0-3'

Lab Sample ID: 885-41266-24

Date Collected: 01/10/26 11:10

Matrix: Solid

Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41340	VP	EET ALB	01/14/26 14:12
Total/NA	Analysis	8015M/D		1	41552	VP	EET ALB	01/19/26 23:21
Total/NA	Prep	5030C			41340	VP	EET ALB	01/14/26 14:12
Total/NA	Analysis	8021B		1	41555	VP	EET ALB	01/19/26 23:21
Total/NA	Prep	SHAKE			41383	EM	EET ALB	01/15/26 09:43
Total/NA	Analysis	8015M/D		1	41377	EM	EET ALB	01/15/26 16:46
Total/NA	Prep	300_Prep			41474	MA	EET ALB	01/16/26 13:13
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 16:47

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Casey Jones 21 Fed COM 707H

Job ID: 885-41266-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-26

- 1
- 2
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- 9
- 10
- 11



Albuquerque
 Environment
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 8
 Tel. 505-345-3975 Fax 505-345-4111
 885-41266 COC



Turn-Around Time:
 Standard Rush 5 Days
 Project Name:
 Casley Jones 21 Fed COM 707H
 Project #:
 25A-06210

Project Manager: Chanel Dixon
 CDIXON@VERTEX.CA
 Sampler: AL (EP)
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 3.0 to 2 - 3.8

Container Type and #	Preservative Type	HEAL No.
4oz 1	Ice	

Chain-of-Custody Record
 Client: Vertex (Bill to EOG)
 Mailing Address: 3101 Boyd Drive
 Carlsbad, NM, 88220
 Phone #:
 email or Fax#:
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance NELAC Other
 EDD (Type)

Date	Time	Matrix	Sample Name
1/9/26	10:05	Soil	BS25-01 7.5'
	10:10		BS25-02 7.5'
	10:15		BS25-03 7.5'
	10:20		BS25-04 7.5'
	10:25		BS25-05 7.5'
	10:30		BS25-06 6.0'
	10:35		BS25-08 3.0'
	10:40		BS25-09 5.0'
	10:45		BS25-12 5.0'
	10:50		BS25-13 6.0'
	10:55		BS25-15 3.0'
	12:00		WS25-01 4-7.5'

Received by: [Signature] Date: 1/13/26 Time: 7:45
 Received by: [Signature] Date: 1/13/26 Time: 7:45

Analysis Request	
BTEX / MTBE / TMB's (8021)	X
TPH:8015D(GRO / DRO / MRO)	X
8081 Pesticides/8082 PCB's	
EDB (Method 8011)	
PAHs by 8270SIMS	
RCRA 8 Metals	
Cl ₂ , F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	X
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	

Remarks: ATTENTION: BILL TO EOG
 ATTN: CHOSE SETTLE
 CC: CDIXON@VERTEX.CA + JREWIS@VERTEXRESOURCE.COM
 ALUDNIK@VERTEXRESOURCE.COM

If necessary, samples submitted to Hill 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.





www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Albuquerque
Environment Testing

Turn-Around Time: Standard Rush 5 Day

Project Name: Casey Jones 21 Fed Com 707H

Project #: 25A-06210

Project Manager: Chance Dixon

CDIXON @ VERTEX. CA

Sampler: AL (EP)

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 3.0 + 0.2 = 3.2

Container Type and # 4oz 1 Ice

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name	Relinquished by:	Relinquished by:	Date	Time
2/9/26	12:10	Soil	WS25-02 4-7.5'	<u>W</u>	<u>W</u>	1/30/26	19:00
	12:20		WS25-03 2-3'				
	12:30		WS25-04.1 3-6'				
	12:40		WS25-05 0-3'				
	12:50		WS25-08 2-5'				
	13:00		WS25-09 5-7.5'				

Received by: W Date: 1/30/26 Time: 7:45

Received by: W Date: 1/30/26 Time: 7:45

Analysis Request	
BTEX / MTBE / TMBs (8021)	X
TPH:8015D(GRO / DRO / MRO)	X
8081 Pesticides/8082 PCBs	
EDB (Method 8011)	
PAHs by 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	X
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	

Remarks: **ATTENTION: BILL TO EOG**

ATTN: Chose Settle

CC: CDIXON @ VERTEX. CA +

ALBUQUERQUE RESOURCE, CO
ALBUQUERQUE RESOURCE, CO
JREWIS@VERTXRESOURCE.COM





Albuquerque
Environment Testing

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Chain-of-Custody Record

Client: Vertex (Bill to EOG)

Mailing Address: 3101 Boyd Drive

Carlsbad, NM, 88220

Phone #:

email or Fax#:

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Project Manager: Chance Dixon

CDIXON@VERTEXRESOURCE.COM

Sampler: AL(EP)

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CP): 3.1, 10.2, 3.8

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
01/10/24	10:10	Soil	BS25-18 2.0' BS25-18	4oz 1	Ice	
	10:15		BS25-19 3.0' BS25-19			
	10:20		BS25-20 3.0' BS25-20			
	10:30		BS25-21 4.0'			
	11:05		WS25-06 0-5'			
	11:10		WS25-07 0-3'			

Analysis Request

BTEX / MTBE / TMBs (8021)	X	
TPH:8015D(GRO / DRO / MRO)	X	
8081 Pesticides/8082 PCBs		
EDB (Method 8011)		
PAHs by 8270SIMS		
RCRA 8 Metals		
Cl ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ⁻ , SO ₄ ⁻	X	
8260 (VOA)		
8270 (Semi-VOA)		
Total Coliform (Present/Absent)		

Received by: [Signature] Date: 1/10/24 Time: 9:15
 Received by: [Signature] Date: 1/13/24 Time: 7:45

Remarks: **ATTN: BILL TO EOG**
ATTN: CHASE SETTLE
CC: CDIXON@VERTEXRESOURCE.COM +
ALBUQUERQUE@VERTEXRESOURCE.COM
TRAW:5@VERTEXRESOURCE.COM



Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-41266-1

Login Number: 41266

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220
Generated 2/2/2026 8:01:51 AM Revision 1

JOB DESCRIPTION

Casey Jones 21 Fed Com #707H

JOB NUMBER

885-41477-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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

Authorization



Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Generated
2/2/2026 8:01:51 AM
Revision 1

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Laboratory Job ID: 885-41477-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-41477-1

Project/Site: Casey Jones 21 Fed Com #707H

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: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Job ID: 885-41477-1

Eurofins Albuquerque

**Job Narrative
885-41477-1**

REVISION

The report being provided is a revision of the original report sent on 1/19/2026. The report (revision 1) is being revised due to Adjust Depth on BS25-26 from 4' to 2', BH25-01 put a space between BH25-01 and 8.5'.

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

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

Receipt

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

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015M/D: The continuing calibration verification (CCV) associated with batch 885-41449 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: WS25-10 0-2' (885-41477-1), WS25-11 0-6' (885-41477-2), BS25-17 4' (885-41477-3), BS25-22 6' (885-41477-4), BS25-23 5' (885-41477-5), BS25-24 5' (885-41477-6), BS25-25 5' (885-41477-7), BS25-26 2' (885-41477-8), WS25-12 0-2' (885-41477-9), BH25-01 8.5' (885-41477-10) and (885-41478-B-6-A).

Method 8015M/D: Surrogate recovery for the following sample is outside the upper control limit: (CCV 885-41449/24). Corresponding CCV shows surrogate outside of upper limit. However, samples show surrogate within calibration range. Therefore, data is reported.

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

HPLC/IC

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

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Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: WS25-10 0-2'

Lab Sample ID: 885-41477-1

Date Collected: 01/15/26 08:00

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5	mg/Kg		01/16/26 08:10	01/16/26 10:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			01/16/26 08:10	01/16/26 10:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		01/16/26 08:10	01/16/26 10:29	1
Ethylbenzene	ND		0.035	mg/Kg		01/16/26 08:10	01/16/26 10:29	1
Toluene	ND		0.035	mg/Kg		01/16/26 08:10	01/16/26 10:29	1
Xylenes, Total	ND		0.070	mg/Kg		01/16/26 08:10	01/16/26 10:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/16/26 08:10	01/16/26 10:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		01/16/26 08:45	01/16/26 11:06	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/16/26 08:45	01/16/26 11:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			01/16/26 08:45	01/16/26 11:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		50	mg/Kg		01/16/26 09:14	01/16/26 10:38	10

Client Sample Results

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: WS25-11 0-6'

Lab Sample ID: 885-41477-2

Date Collected: 01/15/26 08:05

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5	mg/Kg		01/16/26 08:10	01/16/26 10:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150	01/16/26 08:10	01/16/26 10:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		01/16/26 08:10	01/16/26 10:52	1
Ethylbenzene	ND		0.035	mg/Kg		01/16/26 08:10	01/16/26 10:52	1
Toluene	ND		0.035	mg/Kg		01/16/26 08:10	01/16/26 10:52	1
Xylenes, Total	ND		0.070	mg/Kg		01/16/26 08:10	01/16/26 10:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	01/16/26 08:10	01/16/26 10:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		01/16/26 08:45	01/16/26 11:16	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/16/26 08:45	01/16/26 11:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134	01/16/26 08:45	01/16/26 11:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96		50	mg/Kg		01/16/26 09:14	01/16/26 10:49	10

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Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BS25-17 4'

Lab Sample ID: 885-41477-3

Date Collected: 01/15/26 08:10

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		01/16/26 08:10	01/16/26 11:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			01/16/26 08:10	01/16/26 11:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		01/16/26 08:10	01/16/26 11:16	1
Ethylbenzene	ND		0.040	mg/Kg		01/16/26 08:10	01/16/26 11:16	1
Toluene	ND		0.040	mg/Kg		01/16/26 08:10	01/16/26 11:16	1
Xylenes, Total	ND		0.080	mg/Kg		01/16/26 08:10	01/16/26 11:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			01/16/26 08:10	01/16/26 11:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/16/26 08:45	01/16/26 11:27	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/16/26 08:45	01/16/26 11:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			01/16/26 08:45	01/16/26 11:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/16/26 09:14	01/16/26 10:59	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BS25-22 6'

Lab Sample ID: 885-41477-4

Date Collected: 01/15/26 08:15

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		01/16/26 08:10	01/16/26 11:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			01/16/26 08:10	01/16/26 11:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		01/16/26 08:10	01/16/26 11:40	1
Ethylbenzene	ND		0.037	mg/Kg		01/16/26 08:10	01/16/26 11:40	1
Toluene	ND		0.037	mg/Kg		01/16/26 08:10	01/16/26 11:40	1
Xylenes, Total	ND		0.074	mg/Kg		01/16/26 08:10	01/16/26 11:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			01/16/26 08:10	01/16/26 11:40	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		9.9	mg/Kg		01/16/26 08:45	01/16/26 11:38	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/16/26 08:45	01/16/26 11:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			01/16/26 08:45	01/16/26 11:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		01/16/26 09:14	01/16/26 11:10	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BS25-23 5'

Lab Sample ID: 885-41477-5

Date Collected: 01/15/26 08:20

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		01/16/26 08:10	01/16/26 12:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			01/16/26 08:10	01/16/26 12:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		01/16/26 08:10	01/16/26 12:04	1
Ethylbenzene	ND		0.036	mg/Kg		01/16/26 08:10	01/16/26 12:04	1
Toluene	ND		0.036	mg/Kg		01/16/26 08:10	01/16/26 12:04	1
Xylenes, Total	ND		0.073	mg/Kg		01/16/26 08:10	01/16/26 12:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			01/16/26 08:10	01/16/26 12:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		01/16/26 08:45	01/16/26 11:48	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/16/26 08:45	01/16/26 11:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			01/16/26 08:45	01/16/26 11:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77		50	mg/Kg		01/16/26 09:14	01/16/26 11:21	10

Client Sample Results

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BS25-24 5'

Lab Sample ID: 885-41477-6

Date Collected: 01/15/26 08:25

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		01/16/26 08:10	01/16/26 12:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			01/16/26 08:10	01/16/26 12:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		01/16/26 08:10	01/16/26 12:28	1
Ethylbenzene	ND		0.036	mg/Kg		01/16/26 08:10	01/16/26 12:28	1
Toluene	ND		0.036	mg/Kg		01/16/26 08:10	01/16/26 12:28	1
Xylenes, Total	ND		0.071	mg/Kg		01/16/26 08:10	01/16/26 12:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			01/16/26 08:10	01/16/26 12:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		01/16/26 08:45	01/16/26 11:59	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/16/26 08:45	01/16/26 11:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			01/16/26 08:45	01/16/26 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		50	mg/Kg		01/16/26 09:14	01/16/26 11:32	10

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Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BS25-25 5'

Lab Sample ID: 885-41477-7

Date Collected: 01/15/26 08:30

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		01/16/26 08:10	01/16/26 12:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			01/16/26 08:10	01/16/26 12:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		01/16/26 08:10	01/16/26 12:52	1
Ethylbenzene	ND		0.040	mg/Kg		01/16/26 08:10	01/16/26 12:52	1
Toluene	ND		0.040	mg/Kg		01/16/26 08:10	01/16/26 12:52	1
Xylenes, Total	ND		0.080	mg/Kg		01/16/26 08:10	01/16/26 12:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/16/26 08:10	01/16/26 12:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/16/26 08:45	01/16/26 12:09	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/16/26 08:45	01/16/26 12:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			01/16/26 08:45	01/16/26 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		50	mg/Kg		01/16/26 09:14	01/16/26 11:43	10

Client Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BS25-26 2'

Lab Sample ID: 885-41477-8

Date Collected: 01/15/26 08:35

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		01/16/26 08:10	01/16/26 13:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			01/16/26 08:10	01/16/26 13:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		01/16/26 08:10	01/16/26 13:16	1
Ethylbenzene	ND		0.037	mg/Kg		01/16/26 08:10	01/16/26 13:16	1
Toluene	ND		0.037	mg/Kg		01/16/26 08:10	01/16/26 13:16	1
Xylenes, Total	ND		0.073	mg/Kg		01/16/26 08:10	01/16/26 13:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/16/26 08:10	01/16/26 13:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/16/26 08:45	01/16/26 12:20	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/16/26 08:45	01/16/26 12:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			01/16/26 08:45	01/16/26 12:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		50	mg/Kg		01/16/26 09:14	01/16/26 11:54	10

Client Sample Results

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: WS25-12 0-2'

Lab Sample ID: 885-41477-9

Date Collected: 01/15/26 08:45

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		01/16/26 08:10	01/16/26 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150	01/16/26 08:10	01/16/26 13:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		01/16/26 08:10	01/16/26 13:40	1
Ethylbenzene	ND		0.037	mg/Kg		01/16/26 08:10	01/16/26 13:40	1
Toluene	ND		0.037	mg/Kg		01/16/26 08:10	01/16/26 13:40	1
Xylenes, Total	ND		0.074	mg/Kg		01/16/26 08:10	01/16/26 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150	01/16/26 08:10	01/16/26 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		9.8	mg/Kg		01/16/26 08:45	01/16/26 12:30	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/16/26 08:45	01/16/26 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134	01/16/26 08:45	01/16/26 12:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		50	mg/Kg		01/16/26 09:14	01/16/26 12:26	10

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Client Sample Results

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BH25-01 8.5'

Lab Sample ID: 885-41477-10

Date Collected: 01/15/26 08:40

Matrix: Solid

Date Received: 01/16/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.4	mg/Kg		01/16/26 08:10	01/16/26 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150	01/16/26 08:10	01/16/26 14:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		01/16/26 08:10	01/16/26 14:05	1
Ethylbenzene	ND		0.034	mg/Kg		01/16/26 08:10	01/16/26 14:05	1
Toluene	ND		0.034	mg/Kg		01/16/26 08:10	01/16/26 14:05	1
Xylenes, Total	ND		0.068	mg/Kg		01/16/26 08:10	01/16/26 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150	01/16/26 08:10	01/16/26 14:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		01/16/26 08:45	01/16/26 12:41	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/16/26 08:45	01/16/26 12:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134	01/16/26 08:45	01/16/26 12:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/16/26 09:14	01/16/26 12:37	10

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

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

Lab Sample ID: MB 885-41445/1-A
 Matrix: Solid
 Analysis Batch: 41442

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/16/26 08:09	01/16/26 10:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			01/16/26 08:09	01/16/26 10:05	1

Lab Sample ID: LCS 885-41445/2-A
 Matrix: Solid
 Analysis Batch: 41442

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	25.8		mg/Kg		103	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	203		15 - 150				

Lab Sample ID: 885-41477-1 MS
 Matrix: Solid
 Analysis Batch: 41442

Client Sample ID: WS25-10 0-2'
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		17.4	20.2		mg/Kg		116	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	217		15 - 150						

Lab Sample ID: 885-41477-1 MSD
 Matrix: Solid
 Analysis Batch: 41442

Client Sample ID: WS25-10 0-2'
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics [C6 - C10]	ND		17.4	22.2		mg/Kg		128	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	218		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-41445/1-A
 Matrix: Solid
 Analysis Batch: 41443

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/16/26 08:09	01/16/26 10:05	1
Ethylbenzene	ND		0.050	mg/Kg		01/16/26 08:09	01/16/26 10:05	1
Toluene	ND		0.050	mg/Kg		01/16/26 08:09	01/16/26 10:05	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

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

Lab Sample ID: MB 885-41445/1-A
 Matrix: Solid
 Analysis Batch: 41443

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		01/16/26 08:09	01/16/26 10:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150	01/16/26 08:09	01/16/26 10:05	1

Lab Sample ID: LCS 885-41445/3-A
 Matrix: Solid
 Analysis Batch: 41443

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.05		mg/Kg		105	70 - 130
Ethylbenzene	1.00	1.05		mg/Kg		105	70 - 130
Toluene	1.00	1.06		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		15 - 150

Lab Sample ID: 885-41477-2 MS
 Matrix: Solid
 Analysis Batch: 41443

Client Sample ID: WS25-11 0-6'
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.701	0.726		mg/Kg		104	70 - 130
Ethylbenzene	ND		0.701	0.735		mg/Kg		105	70 - 130
Toluene	ND		0.701	0.737		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		15 - 150

Lab Sample ID: 885-41477-2 MSD
 Matrix: Solid
 Analysis Batch: 41443

Client Sample ID: WS25-11 0-6'
 Prep Type: Total/NA
 Prep Batch: 41445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.701	0.711		mg/Kg		101	70 - 130	2	20
Ethylbenzene	ND		0.701	0.709		mg/Kg		101	70 - 130	4	20
Toluene	ND		0.701	0.721		mg/Kg		103	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		15 - 150

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QC Sample Results

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

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

Lab Sample ID: MB 885-41446/1-A
 Matrix: Solid
 Analysis Batch: 41449

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41446

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/16/26 08:45	01/16/26 10:45	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/16/26 08:45	01/16/26 10:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			01/16/26 08:45	01/16/26 10:45	1

Lab Sample ID: LCS 885-41446/2-A
 Matrix: Solid
 Analysis Batch: 41449

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41446

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	53.6		mg/Kg		107	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	99		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41450/1-A
 Matrix: Solid
 Analysis Batch: 41456

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41450

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/16/26 09:14	01/16/26 10:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
Chloride	49.8		51.0	mg/Kg		102	90 - 110	

QC Association Summary

Client: Vertex

Job ID: 885-41477-1

Project/Site: Casey Jones 21 Fed Com #707H

GC VOA

Analysis Batch: 41442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41477-1	WS25-10 0-2'	Total/NA	Solid	8015M/D	41445
885-41477-2	WS25-11 0-6'	Total/NA	Solid	8015M/D	41445
885-41477-3	BS25-17 4'	Total/NA	Solid	8015M/D	41445
885-41477-4	BS25-22 6'	Total/NA	Solid	8015M/D	41445
885-41477-5	BS25-23 5'	Total/NA	Solid	8015M/D	41445
885-41477-6	BS25-24 5'	Total/NA	Solid	8015M/D	41445
885-41477-7	BS25-25 5'	Total/NA	Solid	8015M/D	41445
885-41477-8	BS25-26 2'	Total/NA	Solid	8015M/D	41445
885-41477-9	WS25-12 0-2'	Total/NA	Solid	8015M/D	41445
885-41477-10	BH25-01 8.5'	Total/NA	Solid	8015M/D	41445
MB 885-41445/1-A	Method Blank	Total/NA	Solid	8015M/D	41445
LCS 885-41445/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41445
885-41477-1 MS	WS25-10 0-2'	Total/NA	Solid	8015M/D	41445
885-41477-1 MSD	WS25-10 0-2'	Total/NA	Solid	8015M/D	41445

Analysis Batch: 41443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41477-1	WS25-10 0-2'	Total/NA	Solid	8021B	41445
885-41477-2	WS25-11 0-6'	Total/NA	Solid	8021B	41445
885-41477-3	BS25-17 4'	Total/NA	Solid	8021B	41445
885-41477-4	BS25-22 6'	Total/NA	Solid	8021B	41445
885-41477-5	BS25-23 5'	Total/NA	Solid	8021B	41445
885-41477-6	BS25-24 5'	Total/NA	Solid	8021B	41445
885-41477-7	BS25-25 5'	Total/NA	Solid	8021B	41445
885-41477-8	BS25-26 2'	Total/NA	Solid	8021B	41445
885-41477-9	WS25-12 0-2'	Total/NA	Solid	8021B	41445
885-41477-10	BH25-01 8.5'	Total/NA	Solid	8021B	41445
MB 885-41445/1-A	Method Blank	Total/NA	Solid	8021B	41445
LCS 885-41445/3-A	Lab Control Sample	Total/NA	Solid	8021B	41445
885-41477-2 MS	WS25-11 0-6'	Total/NA	Solid	8021B	41445
885-41477-2 MSD	WS25-11 0-6'	Total/NA	Solid	8021B	41445

Prep Batch: 41445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41477-1	WS25-10 0-2'	Total/NA	Solid	5035	
885-41477-2	WS25-11 0-6'	Total/NA	Solid	5035	
885-41477-3	BS25-17 4'	Total/NA	Solid	5035	
885-41477-4	BS25-22 6'	Total/NA	Solid	5035	
885-41477-5	BS25-23 5'	Total/NA	Solid	5035	
885-41477-6	BS25-24 5'	Total/NA	Solid	5035	
885-41477-7	BS25-25 5'	Total/NA	Solid	5035	
885-41477-8	BS25-26 2'	Total/NA	Solid	5035	
885-41477-9	WS25-12 0-2'	Total/NA	Solid	5035	
885-41477-10	BH25-01 8.5'	Total/NA	Solid	5035	
MB 885-41445/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-41445/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-41445/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-41477-1 MS	WS25-10 0-2'	Total/NA	Solid	5035	
885-41477-1 MSD	WS25-10 0-2'	Total/NA	Solid	5035	
885-41477-2 MS	WS25-11 0-6'	Total/NA	Solid	5035	
885-41477-2 MSD	WS25-11 0-6'	Total/NA	Solid	5035	

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QC Association Summary

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

GC Semi VOA

Prep Batch: 41446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41477-1	WS25-10 0-2'	Total/NA	Solid	SHAKE	
885-41477-2	WS25-11 0-6'	Total/NA	Solid	SHAKE	
885-41477-3	BS25-17 4'	Total/NA	Solid	SHAKE	
885-41477-4	BS25-22 6'	Total/NA	Solid	SHAKE	
885-41477-5	BS25-23 5'	Total/NA	Solid	SHAKE	
885-41477-6	BS25-24 5'	Total/NA	Solid	SHAKE	
885-41477-7	BS25-25 5'	Total/NA	Solid	SHAKE	
885-41477-8	BS25-26 2'	Total/NA	Solid	SHAKE	
885-41477-9	WS25-12 0-2'	Total/NA	Solid	SHAKE	
885-41477-10	BH25-01 8.5'	Total/NA	Solid	SHAKE	
MB 885-41446/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41446/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 41449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41477-1	WS25-10 0-2'	Total/NA	Solid	8015M/D	41446
885-41477-2	WS25-11 0-6'	Total/NA	Solid	8015M/D	41446
885-41477-3	BS25-17 4'	Total/NA	Solid	8015M/D	41446
885-41477-4	BS25-22 6'	Total/NA	Solid	8015M/D	41446
885-41477-5	BS25-23 5'	Total/NA	Solid	8015M/D	41446
885-41477-6	BS25-24 5'	Total/NA	Solid	8015M/D	41446
885-41477-7	BS25-25 5'	Total/NA	Solid	8015M/D	41446
885-41477-8	BS25-26 2'	Total/NA	Solid	8015M/D	41446
885-41477-9	WS25-12 0-2'	Total/NA	Solid	8015M/D	41446
885-41477-10	BH25-01 8.5'	Total/NA	Solid	8015M/D	41446
MB 885-41446/1-A	Method Blank	Total/NA	Solid	8015M/D	41446
LCS 885-41446/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41446

HPLC/IC

Prep Batch: 41450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41477-1	WS25-10 0-2'	Total/NA	Solid	300_Prep	
885-41477-2	WS25-11 0-6'	Total/NA	Solid	300_Prep	
885-41477-3	BS25-17 4'	Total/NA	Solid	300_Prep	
885-41477-4	BS25-22 6'	Total/NA	Solid	300_Prep	
885-41477-5	BS25-23 5'	Total/NA	Solid	300_Prep	
885-41477-6	BS25-24 5'	Total/NA	Solid	300_Prep	
885-41477-7	BS25-25 5'	Total/NA	Solid	300_Prep	
885-41477-8	BS25-26 2'	Total/NA	Solid	300_Prep	
885-41477-9	WS25-12 0-2'	Total/NA	Solid	300_Prep	
885-41477-10	BH25-01 8.5'	Total/NA	Solid	300_Prep	
MB 885-41450/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41450/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 41456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41477-1	WS25-10 0-2'	Total/NA	Solid	300.0	41450
885-41477-2	WS25-11 0-6'	Total/NA	Solid	300.0	41450
885-41477-3	BS25-17 4'	Total/NA	Solid	300.0	41450
885-41477-4	BS25-22 6'	Total/NA	Solid	300.0	41450

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QC Association Summary

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

HPLC/IC (Continued)

Analysis Batch: 41456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41477-5	BS25-23 5'	Total/NA	Solid	300.0	41450
885-41477-6	BS25-24 5'	Total/NA	Solid	300.0	41450
885-41477-7	BS25-25 5'	Total/NA	Solid	300.0	41450
885-41477-8	BS25-26 2'	Total/NA	Solid	300.0	41450
885-41477-9	WS25-12 0-2'	Total/NA	Solid	300.0	41450
885-41477-10	BH25-01 8.5'	Total/NA	Solid	300.0	41450
MB 885-41450/1-A	Method Blank	Total/NA	Solid	300.0	41450
LCS 885-41450/2-A	Lab Control Sample	Total/NA	Solid	300.0	41450

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

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: WS25-10 0-2'

Lab Sample ID: 885-41477-1

Date Collected: 01/15/26 08:00

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 10:29
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 10:29
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 11:06
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 10:38

Client Sample ID: WS25-11 0-6'

Lab Sample ID: 885-41477-2

Date Collected: 01/15/26 08:05

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 10:52
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 10:52
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 11:16
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 10:49

Client Sample ID: BS25-17 4'

Lab Sample ID: 885-41477-3

Date Collected: 01/15/26 08:10

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 11:16
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 11:16
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 11:27
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 10:59

Client Sample ID: BS25-22 6'

Lab Sample ID: 885-41477-4

Date Collected: 01/15/26 08:15

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 11:40

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Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BS25-22 6'

Lab Sample ID: 885-41477-4

Date Collected: 01/15/26 08:15

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 11:40
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 11:38
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 11:10

Client Sample ID: BS25-23 5'

Lab Sample ID: 885-41477-5

Date Collected: 01/15/26 08:20

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 12:04
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 12:04
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 11:48
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 11:21

Client Sample ID: BS25-24 5'

Lab Sample ID: 885-41477-6

Date Collected: 01/15/26 08:25

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 12:28
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 12:28
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 11:59
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 11:32

Client Sample ID: BS25-25 5'

Lab Sample ID: 885-41477-7

Date Collected: 01/15/26 08:30

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 12:52
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 12:52

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BS25-25 5'

Lab Sample ID: 885-41477-7

Date Collected: 01/15/26 08:30

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 12:09
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 11:43

Client Sample ID: BS25-26 2'

Lab Sample ID: 885-41477-8

Date Collected: 01/15/26 08:35

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 13:16
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 13:16
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 12:20
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 11:54

Client Sample ID: WS25-12 0-2'

Lab Sample ID: 885-41477-9

Date Collected: 01/15/26 08:45

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 13:40
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 13:40
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 12:30
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 12:26

Client Sample ID: BH25-01 8.5'

Lab Sample ID: 885-41477-10

Date Collected: 01/15/26 08:40

Matrix: Solid

Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8015M/D		1	41442	VP	EET ALB	01/16/26 14:05
Total/NA	Prep	5035			41445	VP	EET ALB	01/16/26 08:10
Total/NA	Analysis	8021B		1	41443	VP	EET ALB	01/16/26 14:05
Total/NA	Prep	SHAKE			41446	DR	EET ALB	01/16/26 08:45
Total/NA	Analysis	8015M/D		1	41449	EM	EET ALB	01/16/26 12:41

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Client Sample ID: BH25-01 8.5'
Date Collected: 01/15/26 08:40
Date Received: 01/16/26 07:45

Lab Sample ID: 885-41477-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 12:37

Laboratory References:

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

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Accreditation/Certification Summary

Client: Vertex
Project/Site: Casey Jones 21 Fed Com #707H

Job ID: 885-41477-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-26

- 1
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Chain-of-Custody Record

Client: EOG 1 KERTEX

Mailing Address: On File

Phone #: _____

email or Fax#: _____

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

Accreditation: Az Compliance NELAC Other

EDD (Type) _____

Turn-Around Time: Same Day

Standard Rush

Project Name: Casey Jones 21 Fed com # 2024

Project #: 25A-06210

Project Manager: Chance Dixon

Sampler: CD

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 48 + 0.2 = 5.0

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
1/15	8:00	SOI	WS25-10 0-2'	40Z	IC6	
	8:05		WS25-11 0-6'			
	8:10		BS25-17 4'			
	8:15		BS25-22 6'			
	8:20		BS25-23 5'			
	8:25		BS25-24 5'			
	8:30		BS25-25 5'			
	8:35		BS25-26 2' <small>com 27100</small>			
	8:45		WS25-12 0-2'			
	8:40		RH25-01 3.5'			

TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCBs	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	CF, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)

Date: 1/15 Time: 11:00

Date: 1/15/20 Time: 11:00

Relinquished by: [Signature]

Relinquished by: [Signature]

Date: 1/15/20 Time: 19:00

Date: 1/16/20 Time: 7:45

Received by: [Signature]

Received by: [Signature]

Received by: _____ Date: _____ Time: _____

Received by: [Signature] Date: 1/15/20 Time: 11:00

Received by: [Signature] Date: 1/16/20 Time: 7:45

Analysis Request

Remarks: Direct Bill Chase Seattle

eurofins | Environment 7

www.hallenvironmental.com 865-41477 COC

4901 Hawkins NE - Albuquerque, NM 871
Tel. 505-345-3975 Fax 505-345-4107

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

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Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-41477-1

Login Number: 41477

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 26, 2026

CHANCE DIXON
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: CASEY JONES FED COM #707H

Enclosed are the results of analyses for samples received by the laboratory on 01/23/26 13:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/26/2026	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 16 3.5' (H260476-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2026	ND	1.96	98.1	2.00	3.76		
Toluene*	<0.050	0.050	01/23/2026	ND	2.06	103	2.00	3.20		
Ethylbenzene*	<0.050	0.050	01/23/2026	ND	2.06	103	2.00	2.17		
Total Xylenes*	<0.150	0.150	01/23/2026	ND	6.18	103	6.00	2.72		
Total BTEX	<0.300	0.300	01/23/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/26/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 109 % 52.4-130

Surrogate: 1-Chlorooctadecane 113 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/26/2026	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 13 2'-5' (H260476-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2026	ND	1.96	98.1	2.00	3.76		
Toluene*	<0.050	0.050	01/23/2026	ND	2.06	103	2.00	3.20		
Ethylbenzene*	<0.050	0.050	01/23/2026	ND	2.06	103	2.00	2.17		
Total Xylenes*	<0.150	0.150	01/23/2026	ND	6.18	103	6.00	2.72		
Total BTEX	<0.300	0.300	01/23/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/26/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596		
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05		
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND						

Surrogate: 1-Chlorooctane 112 % 52.4-130

Surrogate: 1-Chlorooctadecane 115 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHANCE DIXON
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	01/23/2026	Sampling Date:	01/23/2026
Reported:	01/26/2026	Sampling Type:	Soil
Project Name:	CASEY JONES FED COM #707H	Sampling Condition:	Cool & Intact
Project Number:	25A-06210	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 14 0'-5' (H260476-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2026	ND	1.96	98.1	2.00	3.76	
Toluene*	<0.050	0.050	01/23/2026	ND	2.06	103	2.00	3.20	
Ethylbenzene*	<0.050	0.050	01/23/2026	ND	2.06	103	2.00	2.17	
Total Xylenes*	<0.150	0.150	01/23/2026	ND	6.18	103	6.00	2.72	
Total BTEX	<0.300	0.300	01/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/26/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2026	ND	221	111	200	0.596	
DRO >C10-C28*	<10.0	10.0	01/24/2026	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	01/24/2026	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 106 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Vertex (Direct bill to EOG)
 Project Manager: Chance Dixon
 Address: 3101 Boyd Dr. State: NM Zip: 88220
 City: Carlshad
 Phone #: 575. 725. 5001 Fax #:
 Project #: 254-06210 Project Owner:
 Project Name: Casey Jones 21 Federal com # 7074
 Project Location: Eddy county State: Tx Zip: 79706
 Sampler Name: J. Lewis Phone #: 575. 703. 6537
 Fax #:
 P.O. #:
 Company: EOG
 Attn: Chase Settle
 Address: 5509 Champions
 City: Midland
 State: Tx Zip: 79706
 Phone #: 575. 703. 6537
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	chloride
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
	B525-16	3.5'	1			X				1.23.26	09:00	X	X	X
	W525-13	2'-5'	1							09:05	09:10	X	X	X
	W525-14	0'-5'	1									X	X	X

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Relinquished By: [Signature]
 Date: 1.23.26
 Time: 1:33:27
 Received By: [Signature]
 Date: 1.23.26
 Time: 1:33:27

Delivered By: (Circle One) Observed Temp. °C: 4.8
 Corrected Temp. °C: 4.3
 Sample Condition: Cool Intact Yes No
 Bacteria (only) Yes No
 Turnaround Time: Direct Bill to EOG Standard Rush
 Thermometer ID #140 Correction Factor -0.5°C @ 24 hr
 Bacteria (only) Yes No
 Sample Condition: Cool Intact Yes No
 Observed Temp. °C:
 Corrected Temp. °C:

† Cardinal cannot accept verbal changes. Please email changes to cely.keene@cardinalabnm.com

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 557933

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557933
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2535084736
Incident Name	NAPP2535084736 CASEY JONES 21 FED COM #707H @ 30-015-54132
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-54132] CASEY JONES 21 FEDERAL COM #725H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Casey Jones 21 Fed Com #707H
Date Release Discovered	12/08/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Pipeline (Any) Crude Oil Released: 2 BBL Recovered: 1 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 14 BBL Recovered: 13 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)	Not answered.

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QUESTIONS, Page 2

Action 557933

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557933
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 02/25/2026
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QUESTIONS, Page 3

Action 557933

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557933
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	560
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	640
GRO+DRO (EPA SW-846 Method 8015M)	520
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	12/15/2025
On what date will (or did) the final sampling or liner inspection occur	01/23/2026
On what date will (or was) the remediation complete(d)	01/23/2026
What is the estimated surface area (in square feet) that will be reclaimed	3681
What is the estimated volume (in cubic yards) that will be reclaimed	1260
What is the estimated surface area (in square feet) that will be remediated	3681
What is the estimated volume (in cubic yards) that will be remediated	1260

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 557933

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 02/26/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 557933

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557933
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<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

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Action 557933

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557933
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	542389
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/15/2026
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	600

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3681
What was the total volume (cubic yards) remediated	1260
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3681
What was the total volume (in cubic yards) reclaimed	1260
Summarize any additional remediation activities not included by answers (above)	Full remediation details can be found in the uploaded Closure Report.

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

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

I hereby agree and sign off to the above statement	Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 02/26/2026
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QUESTIONS, Page 7

Action 557933

QUESTIONS (continued)

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	Action Number: 557933
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 557933

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557933
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	4/28/2026