



November 1, 2024;
rev. May 27, 2025

#5E32074-BG15

NMOCD District 2
811 South First St
Artesia, NM 88210

SUBJECT: Revised Closure Report for the Rebel 20 Federal 5H Release (nAPP2334572940), Lea County, New Mexico.

1.0 Introduction

On behalf of Devon Energy Production Company (Devon), Souder, Miller & Associates (SMA) has prepared this revised Closure Report that describes the remediation of a produced water release related to oil and gas production activities at the Rebel 20 Federal 5H facility (nAPP2334572940). The original Closure Report, dated November 1, 2024, did not include horizontal delineation of test point TP9. This revised report includes lateral delineation results for TP9, shown in Figure 3, Table 2, and laboratory reports in Appendix E.

The release site is located in Unit D Section 20, Township 24S, Range 32E, (32.209318, -103.70376) Lea County, New Mexico, on Federal land. Figure 1 illustrates the vicinity and site location on a United States Geological Survey (USGS) 7.5-minute quadrangle map. Site and release information is summarized below. Site and release information below.

Release Information and Closure Criteria			
Name	Rebel 20 Federal 5H	Company	Devon Energy Production Company
API Number	30-025-42769	Location	S20, T24S, R32E 32.209318, -103.70376
Incident Number	nAPP2334572940	Land Status	Federal (BLM)
Date of Release	December 11, 2024		
Source of Release	Wellhead failure		
Released Volume	76 bbls produced water	Recovered Volume	75 bbls produced water
NMOCD Closure Criteria	Depth to groundwater >51 feet bgs		

2.0 Background

On December 11, 2024, the lease operator discovered that the 2-inch choke at the wellhead failed, causing fluid to be released into the containment and within boundaries of the engineered pad. Total fluids released amounted to 76 barrels (bbls) of produced water inside and around the lined secondary containment of the tank battery. Initial response activities were conducted by the operator and included source elimination, site stabilization, and recovery of approximately 75 bbls of produced water. A copy of the C-141 is provided in Appendix A.

3.0 Site Information and Closure Criteria

The Rebel 20 Federal 5H is located approximately 30.84 miles west northwest of Jal, New Mexico, on Federal (BLM) land at an elevation of approximately 3,571 feet above mean sea level (amsl).

Depth to Groundwater

A search of the New Mexico Office of the State Engineer (NMOSE) New Mexico Water Rights Reporting System (NMWRRS) and the USGS National Water Information System for depth to groundwater yielded one no results within ½ mile of the site. Per the well plugging plan for POD C-4821-POD1, depth to groundwater (DTGW) was measured greater than 100 feet below ground surface (bgs), but it is located outside of the ½ mile radius.

Devon and SMA submitted a WR-07 *Application for Permit to Drill a Well with No Water Rights* and a WD-08 *Well Plugging Plan of Operations* to NMOSE to drill a temporary borehole for DTGW determination. With approval of the temporary borehole, John Scarborough Drilling Inc (Scarborough) was contracted to conduct the drilling of the borehole. On April 11, 2024, Scarborough drilled the temporary borehole to a total depth of 51 feet bgs and allowed to remain open for a minimum of 72 hours. On April 15, 2024, an SMA representative used a Heron water detection and measuring tape to measure for the detection of groundwater. Groundwater was not detected in the temporary well. Thus, depth to groundwater is greater than 100 feet bgs for Closure Criteria determinations. Scarborough plugged the borehole on April 15, 2024 with bentonite chips.

NMOSE permits and documentation for drilling and plugging the temporary borehole is included in Appendix B. The location of the temporary borehole is shown on Figure 1.

Wellhead Protection Area

There are no known water sources within a ½ mile of the location, according to the NMOSE NMWRRS and USGS National Water Information System. Registered wells in the vicinity are shown in Figure 1.

Distance to Nearest Significant Watercourse

The nearest significant watercourse from Rebel is the Pecos River, located approximately 16.33 miles to the west of location.

Distance to Sensitive Areas

Figures 1 and 2 illustrate the 200 and 300ft radii, indicating that the site does not lie within a sensitive area as described in Paragraph (4) of Subsection (C) of 19.15.29.12 NMAC.

Closure Criteria Determination

Based on the information presented herein, this site's applicable NMOCD Closure Criteria is set to the standards for depth to groundwater greater than 100 feet bgs.

4.0 Release Characterization and Remediation Activities

On August 16, 2024, SMA personnel performed initial site delineation sampling. A total of 11 test pit soil samples, TP1 through TP11, were advanced in and around the visibly stained area with the use of a backhoe to depths ranging from 0 to 4 feet bgs or a refusal layer. A total of 33 delineation samples were collected from the release

area per the sampling protocol included in Appendix D. Soil samples were field screened for chloride using an electrical conductivity (EC) meter and Hach digital field titration kit, and total petroleum hydrocarbons (TPH) were analyzed with a Dextsil PetroFLAG Analyzer Field Screening Kit (PetroFLAG).

All samples were submitted for laboratory analysis, including total chloride using the following United States Environmental Protection Agency (USEPA) methods:

- Method 300.0 for total chlorides
- Method 8021B for benzene, toluene, ethylbenzene, and total xylenes (BTEX)
- Method 8015D for total petroleum hydrocarbons (TPH) as motor, diesel, and gasoline range organics (MRO, DRO, and GRO)

May 27, 2025 update: On May 9, 2025, SMA contractors returned to the location to hand auger north and west of TP9 in order to laterally delineate the surface sample for TP9, which exceeded the OCD reclamation closure criteria for chlorides. Samples were collected at the surface and 2 feet bgs. Auger refusal occurred at 2 feet bgs. Field results and laboratory results indicated chloride and hydrocarbon concentrations for samples TP12 and TP13 were below OCD's reclamation closure criteria.

Delineation sample locations are shown in Figure 3, laboratory analytical results are summarized in Table 2, and laboratory reports are included in Appendix E.

5.0 Remediation Activities and Closure Sampling

Excavation activities were performed by a Devon construction crew with SMA oversight that began on September 10, 2024 and completed on September 13, 2024. The impacted soil was moved directly from the excavation by the backhoe to a 20-mil liner to prevent the spread of contamination and then loaded into a belly dump truck for removal from the site. The remediation excavation at the most significant dimension measured approximately 120 feet by 222 feet with a maximum depth of 0.5 feet.

Notification of final confirmation sampling was submitted on September 11, 2024. SMA personnel performed closure confirmation sampling on September 13, 2024. A total of 41 closure confirmation samples were collected from the base and sidewalls of the excavation and submitted for laboratory analysis. Excavation samples were composed of 5-point composites collected every 200 square feet in accordance with the sampling protocol included in Appendix D. The confirmation samples were analyzed for chloride, BTEX, and TPH in the same manner as described above for the initial release assessment samples. Confirmation sample locations are illustrated in Figure 4.

Laboratory analytical results report chloride, benzene, total BTEX, and total TPH concentrations below laboratory reporting limits (RLs) which are below the NMOCD Closure Criteria.

Excavated soils were transported to an NMOCD-permitted surface waste facility for remediation/disposal. The excavation was backfilled with clean, imported material and graded to match the surrounding area.

Excavation extents and closure confirmation sample locations are depicted in Figure 4. Confirmation laboratory results are summarized in Table 3. A photo log is included in Appendix C and laboratory reports are included in Appendix E.

6.0 Recommendations

As demonstrated in Table 3, all closure confirmation samples meet NMOCD Closure Criteria. This site had been remediated to meet the standards of Table I of 19.15.29.12 NMAC. SMA requests closure of the site for release incident nAPP2406642629.

7.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation guidance; and preparing this report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Stephanie Hinds at (505) 793-7079.

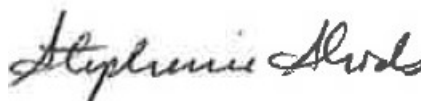
Submitted by:

SOUDER, MILLER & ASSOCIATES



Monica Peppin
Project Manager

Reviewed by:



Stephanie Hinds, P.E.
Project Engineer

REFERENCES:

New Mexico Office of the State Engineer (NMOSE) online water well database

https://gis.ose.state.nm.us/gisapps/ose_pod_locations/

USGS National Water Information System: Web interface online water well database

https://nwis.waterdata.usgs.gov/nwis/gwlevels?site_no=321205103544701&agency_cd=USGS&format=html

ATTACHMENTS:

Figures:

Figure 1: Topographic Site Map

Figure 2: Aerial Site Map

Figure 3: Delineation Sampling Locations

Figure 4: Confirmation Sample Location Map

Tables:

Table 1: NMOCD Closure Criteria

Table 2: Summary of Initial Release Assessment Field Screening and Laboratory Analytical Results

Table 3: Summary of Excavation Confirmation Laboratory Analytical Results

Appendices:

Appendix A: Correspondence

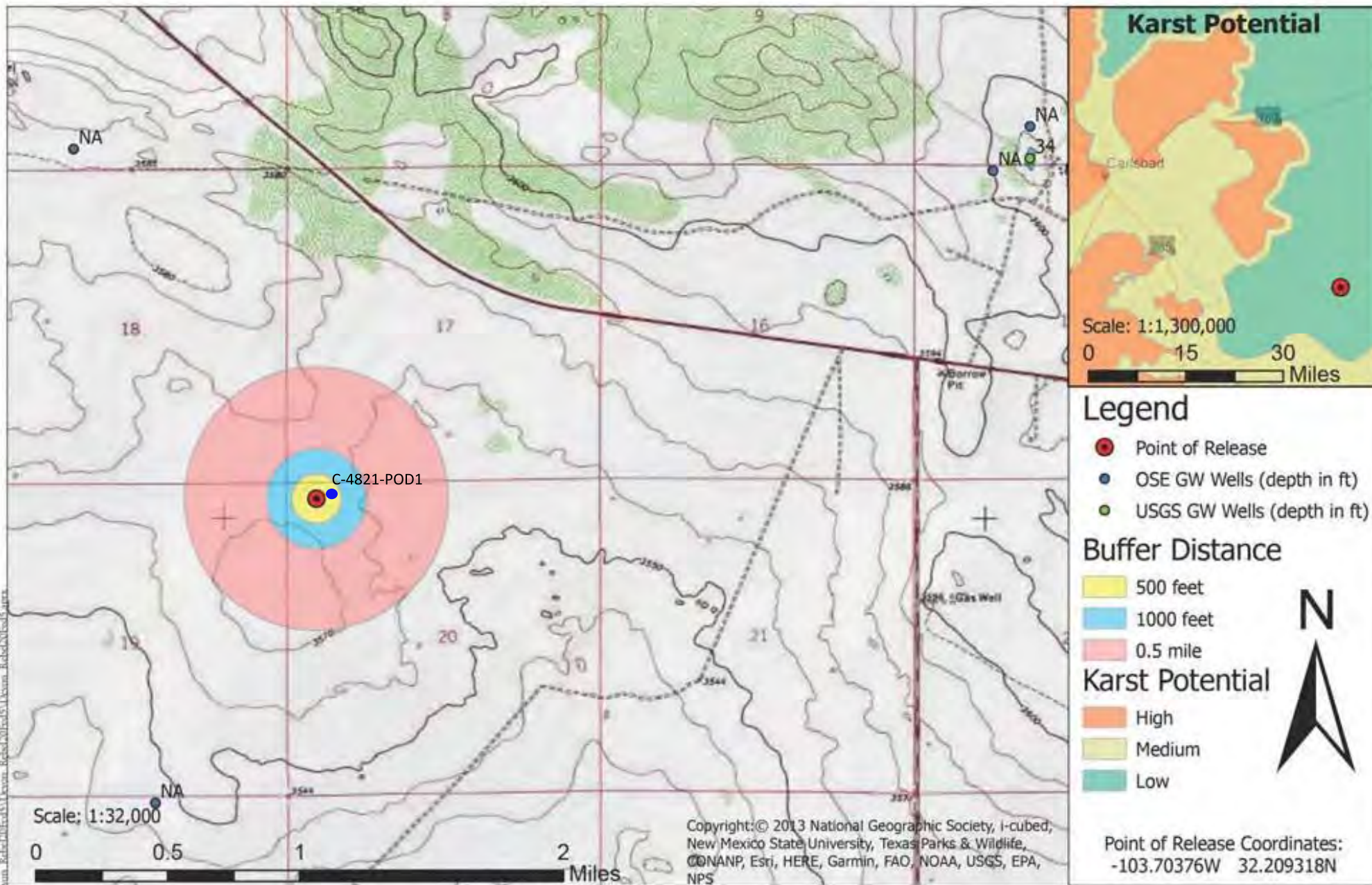
Appendix B: Water Well Data

Appendix C: Field Notes and Photograph Log

Appendix D: Sampling Protocol

Appendix E: Laboratory Analytical Report

FIGURES



Topographic Site Map
Rebel 20 Fed 5H - Devon Energy Production Co.
UL: D S: 20 T: 24S R: 32E, Lea County, New Mexico

Figure 1

Revisions		
By: _____	Date: _____	Descr: _____
By: _____	Date: _____	Descr: _____

© Souder, Miller & Associates, 2021, All Rights Reserved

Drawn
Date: 12/14/2023
Checked
Approved



201 South Halapieno Street
Carlsbad, New Mexico 88221
(575) 689-7040
Serving the Southwest & Rocky Mountains



Legend

- Point of Release
- Streams/Canals/Flowlines
- 0.5 Mile Radius
- 300 Foot Radius
- Lakes/Playas
- FEMA Flood Zones

0 1,000 2,000 4,000

Feet
Scale: 1:24,000



Point of Release Coordinates:
-103.70376W 32.209318N

Aerial Site Map

Rebel 20 Fed 5H - Devon Energy Production Co.
UL: D S: 20 T: 24S R: 32E, Lea County, New Mexico

Figure 2

Revisions

By: _____ Date: _____ Descr: _____
By: _____ Date: _____ Descr: _____

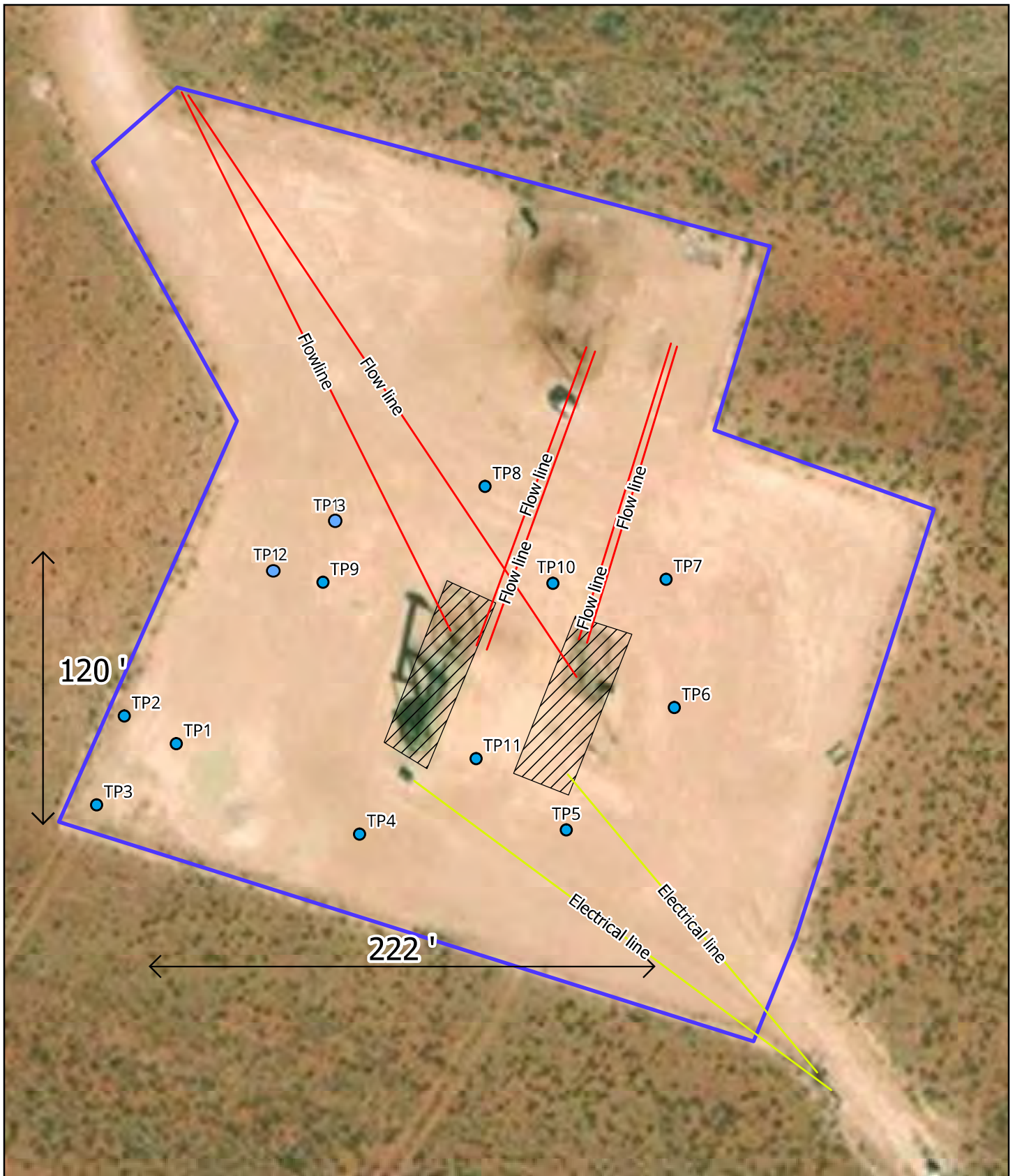
Drawn
Date
Checked
Approved

Sarahmay Schlea
12/14/2023



201 South Halagueno Street
Carlsbad, New Mexico 88221
(575) 689-7040
Serving the Southwest & Rocky Mountains

© Souder, Miller & Associates, 2021, All Rights Reserved



● TP - Sample — Flowline ▨ Pumpjack
— Electrical line □ Lease Boundary



0 15 30 60 ft.
NAD 1983 2011 UTM Zone 13N
Date: 10/3/2024
rev. 5/27/2025

Map Center:
Lat: 32.20936°
Long: -103.703701°



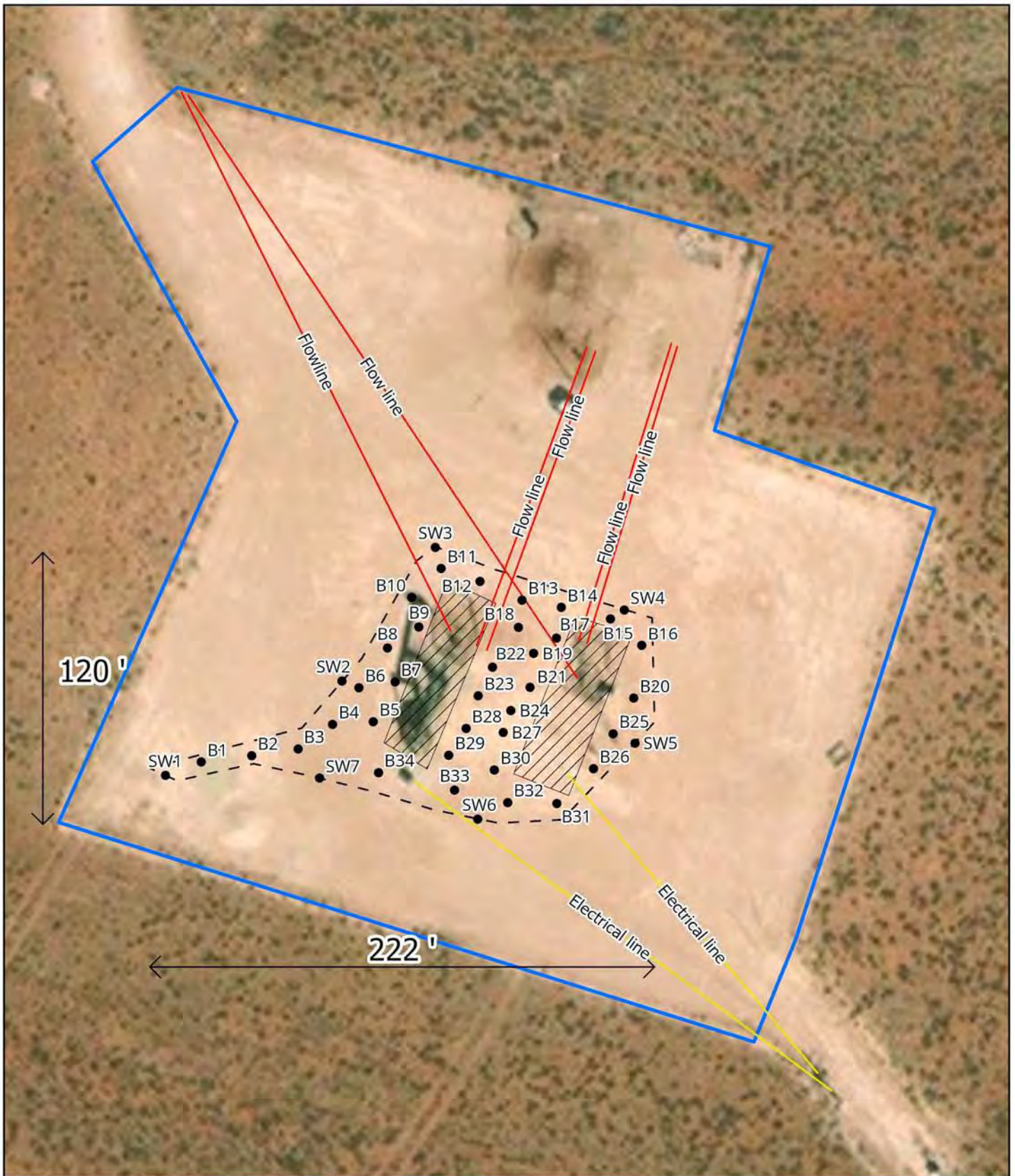
**Initial Characterization
Rebel 20 Federal 5H**

FIGURE:
3



Geospatial data presented in this figure may be derived from external sources and SMA 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: Background image from Esri, 2024, Feature locations from GPS, SMA.



- B - Base Sample
- SW - Side Wall Sample
- Electrical line
- Flowline
- ▭ Lease Boundary
- ▨ Pumpjack
- ▭ 0.5' Excavation (~6,953 sq. Ft.)



0 15 30 60 ft.
NAD 1983 2011 UTM Zone 13N
Date: 10/3/2024

Map Center:
Lat: 32.20936°
Long: -103.703701°



**Confirmation Sampling/Excavation
Rebel 20 Federal 5H**

FIGURE:

4



Geospatial data presented in this figure may be derived from external sources and SMA 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: Background image from Esri, 2024. Feature locations from GPS, SMA.

TABLES

Site Name: Rebel 20 Federal 5H

Incident ID #: nAPP2334572940

Project #: 5E32074-BG15

Lab Report #: 885-111908-1

Table 2. Initial Characterization Sample Field Screen and Laboratory Analysis Results

Sample Description			Field Screening		Petroleum Hydrocarbons							Inorganic
Sample ID	Sample Date	Depth (ft bgs)	Electrical Conductivity	Extractable Organic Compounds (Petroflag)	Volatile Method 8021		Extractable Method 8015					Method 300.0
					Benzene	BTEX (TOTAL)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (GRO+DRO+MRO)	Chloride Concentration
			ppm	ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Reclamation <4 ft bgs					10	50				0	100	600
Closure Criteria > 100 feet										1,000	2,500	10,000
TP1	8/16/2024	0	4915	-	<0.025	<0.222	<4.9	13	<48	13	13	5700
	8/16/2024	2	1455	-	<0.024	<0.215	<4.9	<9.6	<48	<14.1	<60.1	1300
	8/16/2024	4	90	29	<0.024	<0.219	<4.9	<9.8	<49	<14.8	<64.8	150
TP2	8/16/2024	0	0	-	<0.024	<0.225	<4.8	<9.8	<49	<14.3	<60.3	130
	8/16/2024	2	0	-	<0.024	<0.215	<4.8	<9.3	<47	<14.6	<63.6	100
	8/16/2024	4	0	-	<0.024	<0.217	<4.8	<9.9	<49	<14.7	<63.7	120
TP3	8/16/2024	0	54	-	<0.024	<0.217	<4.9	<9.4	<47	<14.2	<61.2	130
	8/16/2024	2	0	-	<0.025	<0.215	<4.9	<9.1	<46	<14.4	<62.4	<60
	8/16/2024	4	0	-	<0.024	<0.219	<4.8	<9.7	<49	<14.3	<61.3	<60
TP4	8/16/2024	0	0	-	<0.024	<0.215	<4.8	<9.3	<46	<13.9	<58.9	<60
	8/16/2024	2	0	-	<0.024	<0.211	<4.9	<9.9	<50	<14.4	<63.4	200
	8/16/2024	3	135	43	<0.025	<0.220	<5.0	<9.3	<46	<14.5	<62.5	120
TP5	8/16/2024	0	247	-	<0.024	<0.220	<4.8	<9.8	<49	<14.7	<63.7	83
	8/16/2024	2	55	-	<0.024	<0.225	<4.8	<9.9	<49	<14.7	<62.7	<60
	8/16/2024	4	47	-	<0.024	<0.225	<4.8	<9.4	<47	<14.5	<62.5	<60
TP6	8/16/2024	0	374	-	<0.024	<0.225	<4.8	<9.6	<48	<14.3	<61.3	250
	8/16/2024	2	739	-	<0.024	<0.221	<4.9	<9.4	<47	<14.6	<63.6	490
	8/16/2024	3	123	40	<0.024	<0.217	<4.8	<9.1	<45	<13.9	<59.9	<60
TP7	8/16/2024	0	166	-	<0.023	<0.224	<4.7	<9.7	<49	<15	<65	85
	8/16/2024	2	387	-	<0.024	<0.220	<4.9	<9.8	<49	<14.1	<60.1	240
	8/16/2024	3	380	37	<0.025	<0.225	<5.0	<9.7	<48	<15	<65	350
TP8	8/16/2024	0	158	-	<0.025	<0.222	<5.0	<9.5	<48	<14.6	<62.6	60
	8/16/2024	2	143	-	<0.025	<0.220	<5.0	<9.3	<47	<14.7	<63.7	62
	8/16/2024	4	259	-	<0.025	<0.225	<4.9	<9.7	<49	<14.6	<62.6	150
TP9	8/19/2024	0	18	-	<0.024	<0.215	<4.8	<9.1	<46	<13.8	<58.8	1300
	8/19/2024	2	205	-	<0.025	<0.21	<5.0	<10	<50	<14.3	<62.3	<60
	8/19/2024	4	302	-	<0.024	<0.219	<4.9	<9.2	<46	<14.8	<64.8	340
TP10	8/19/2024	0	969	73	<0.025	<0.217	<5.0	<10	<50	<14.6	<63.6	1200
	8/19/2024	2	0	-	<0.025	<0.216	<4.9	<9.7	<48	<14.1	<61.1	<60
	8/19/2024	4	243	-	<0.025	<0.216	<5.0	<9.6	<48	<14.7	<63.7	140

Site Name: Rebel 20 Federal 5H
Incident ID #: nAPP2334572940
Project #: 5E32074-BG15
Lab Report #: 885-111908-1

Table 2. Initial Characterization Sample Field Screen and Laboratory Analysis Results												
Sample Description			Field Screening		Petroleum Hydrocarbons							Inorganic Method
Sample ID	Sample Date	Depth (ft bgs)	Electrical Conductivity	Extractable Organic Compounds (PetroFlag)	Volatile Method 8021		Extractable Method 8015					Method 300.0
					Benzene	BTEX (TOTAL)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (GRO+DRO+MRO)	Chloride Concentration
			ppm	ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			NMOCD Reclamation <4 ft bgs					10	50			
Closure Criteria > 100 feet										1,000	2,500	10,000
TP11	8/19/2024	0	282	-	<0.024	<0.220	<4.8	<9.0	<45	<14.3	<61.3	290
	8/19/2024	2	507	43	<0.023	<0.221	<4.7	<9.6	<48	<14	<60	460
	8/19/2024	4	138	-	<0.024	<0.216	<4.9	<9.9	<50	<14.5	<63.5	78
TP12	5/9/2025	0	-	-	<0.050	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	160
	5/9/2025	2	150	-	<0.050	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16
	5/9/2025	4	no sample - auger refusal									
TP13	5/9/2025	0	-	-	<0.050	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	64
	5/9/2025	2	400	-	<0.050	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	112
	5/9/2025	4	no sample - auger refusal									

_ indicates not analyzed

Site Name: Rebel 20 Federal 5H

Incident ID #: nAPP2334572940

Project #: 5E32074-BG15

Lab Report #: 885-111908-1

Table 3. Confirmation Sample Field Screen and Laboratory Analysis Results												
Sample Description			Field Screening		Petroleum Hydrocarbons							Inorganic
Sample ID	Sample Date	Depth (ft bgs)	Electrical Conductivity	Extractable Organic Compounds (PetroFlag)	Volatile Method 8021		Extractable Method 8015					Method 300.0
					Benzene	BTEX (TOTAL)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (GRO+DRO+MRO)	Chloride Concentration
			ppm	ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Reclamation <4 ft bgs					10	50				0	100	600
Closure Criteria 51-100 feet										1,000	2,500	10,000
B1	09/13/2024	0.5'	242	-	<0.025	<0.221	<4.9	<9.6	<48	<14.5	<62.5	63
B2	09/13/2024	0.5'	2842	-	<0.025	<0.222	<4.9	<9.7	<48	<14.6	<62.6	1400
B3	09/13/2024	0.5'	1331	-	<0.024	<0.216	<4.8	12	<48	12	12	2600
B4	09/13/2024	0.5'	1588	-	<0.023	<0.208	<4.6	<9.5	<48	<14.1	<62.1	2300
B5	09/13/2024	0.5'	3739	-	<0.024	<0.213	<4.7	29	47	29	76	3900
B6	09/13/2024	0.5'	1284	141	<0.025	<0.225	<5.0	<9.3	<47	<14.3	<61.3	1700
B7	09/13/2024	0.5'	4733	112	<0.025	<0.222	<4.9	16	<47	16	16	4700
B8	09/13/2024	0.5'	2842	-	<0.024	<0.216	<4.8	<9.4	<47	<14.2	<61.2	3300
B9	09/13/2024	0.5'	5166	-	<0.024	<0.219	<4.9	<9.7	<49	<14.6	<63.6	5200
B10	09/13/2024	0.5'	4828	-	<0.023	<0.21	<4.7	<9.0	<45	<13.7	<58.7	6100
B11	09/13/2024	0.5'	4026	313	<0.024	<0.217	<4.8	43	47	43	90	4500
B12	9/13/2024	0.5'	4415	-	<0.025	<0.222	<4.9	<9.8	<49	<14.7	<63.7	4000
B13	09/13/2024	0.5'	1882	-	<0.025	<0.225	<5.0	<9.4	<47	<14.5	<61.4	2400
B14	09/13/2024	0.5'	3295	-	<0.023	<0.207	<4.6	130	51	130	181	4500
B15	09/13/2024	0.5'	8083	643	<0.024	<0.22	<4.9	86	91	86	177	8500
B16	09/13/2024	0.5'	1298	-	<0.024	<0.22	<4.9	29	<46	29	29	2300
B17	09/13/2024	0.5'	923	-	<0.025	<0.221	<4.9	37	52	37	89	1300
B18	09/13/2024	0.5'	2481	-	<0.024	<0.213	<4.7	130	140	130	270	1100
B19	09/13/2024	0.5'	2597	232	<0.023	<0.211	<4.7	30	<47	30	30	690
B20	09/13/2024	0.5'	3987	-	<0.024	<0.219	<4.9	<9.6	<48	<14.5	<62.5	580
B21	09/13/2024	0.5'	1255	-	<0.024	<0.213	<4.7	46	71	46	117	2300
B22	09/13/2024	0.5'	2149	-	<0.024	<0.215	<4.8	13	<49	13	13	3200
B23	09/13/2024	0.5'	2080	531	<0.024	<0.216	<4.8	120	170	120	290	2100
B24	09/13/2024	0.5'	2135	-	<0.024	<0.212	<4.7	14	<47	14	14	2400
B25	09/13/2024	0.5'	1401	-	<0.025	<0.225	<5.0	17	<48	17	17	2200
B26	09/13/2024	0.5'	810	-	<0.025	<0.225	<5.0	<9.7	<49	<14.7	<63.7	1800
B27	09/13/2024	0.5'	1499	-	<0.024	<0.215	<4.8	<8.8	<44	<13.6	<57.6	2900
B28	09/13/2024	0.5'	1367	-	<0.025	<0.221	<4.9	19	<47	19	19	2400
B29	09/13/2024	0.5'	1296	-	<0.024	<0.22	<4.9	<9.2	<46	<14.1	<60.1	1200
B30	09/13/2024	0.5'	2798	-	<0.024	<0.212	<4.7	11	<47	11	11	3000
B31	09/13/2024	0.5'	1881	-	<0.024	<0.216	<4.8	<9.9	<49	<14.7	<63.7	2000
B32	09/13/2024	0.5'	1395	-	<0.025	<0.224	<5.0	27	58	27	85	2000
B33	09/13/2024	0.5'	1653	-	<0.024	<0.216	<4.8	43	73	43	116	2500
B34	09/13/2024	0.5'	892	-	<0.023	<0.211	<4.7	53	88	53	141	1700
W1	09/13/2024	0-0.5'	1309	-	<0.024	<0.212	<4.7	79	110	79	189	2200

Site Name: Rebel 20 Federal 5H

Incident ID #: nAPP2334572940

Project #: 5E32074-BG15

Lab Report #: 885-111908-1

Table 3. Confirmation Sample Field Screen and Laboratory Analysis Results												
Sample Description			Field Screening		Petroleum Hydrocarbons							Inorganic Method 300.0
Sample ID	Sample Date	Depth (ft bgs)	Electrical Conductivity	Extractable Organic Compounds (PetroFlag)	Volatile Method 8021		Extractable Method 8015					Chloride Concentration
					Benzene	BTEX (TOTAL)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (GRO+DRO+MRO)	
			ppm	ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Reclamation <4 ft bgs					10	50				0	100	600
Closure Criteria 51-100 feet										1,000	2,500	10,000
W2	09/13/2024	0-0.5'	2222	-	<0.024	<0.22	<4.9	29	54	29	83	2100
W3	09/13/2024	0-0.5'	2909	-	<0.025	<0.222	<4.9	21	<49	21	21	2600
W4	09/13/2024	0-0.5'	1991	-	<0.023	<0.211	<4.7	18	<49	18	18	2300
W5	09/13/2024	0-0.5'	2047	-	<0.025	<0.222	<4.9	32	<46	32	32	2300
W6	09/13/2024	0-0.5'	1553	-	<0.024	<0.216	<4.8	26	<47	26	26	2200
W7	09/13/2024	0-0.5'	1958	-	<0.024	<0.212	<4.7	100	120	100	220	2400

"- " indicates not screened

APPENDIX A: CORRESPONDENCE

From: [Raley, Jim](#)
To: [Stephanie Hinds](#)
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 404683
Date: Monday, March 10, 2025 12:26:07 PM
Attachments: [image001.png](#)

Steph,
Please look into this. Let me know if need to discuss.

Jim Raley | Environmental Professional - Permian Basin
5315 Buena Vista Dr., Carlsbad, NM 88220
C: (575)689-7597 | jim.ralej@dm.com



From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, March 10, 2025 9:27 AM
To: Raley, Jim <Jim.Raley@dm.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 404683

To whom it may concern (c/o James Raley for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2334572940, for the following reasons:

- **Remediation Plan request is denied for the following reasons; 1. Did not horizontally delineate TP9. 2. Devon has 90-days (June 9, 2025) to submit to OCD its appropriate or final remediation closure report.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 404683.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Nelson Velez
Environmental Specialist - Advanced
505-469-6146
Nelson.Velez@emnrn.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive
Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

RE: Rebel 20 Federal 5H Extension Request Update

Stephanie Hinds <stephanie.hinds@soudermiller.com>

Thu 8/22/2024 10:08 AM

To: Monica Peppin <Monica.Peppin@soudermiller.com>

Great news. Thank you, Monica!

From: Monica Peppin <Monica.Peppin@soudermiller.com>

Sent: Wednesday, August 21, 2024 5:05 PM

To: Woodall, Dale <Dale.Woodall@dv.com>; Mobley, Wade <Wade.Mobley@dv.com>

Cc: Stephanie Hinds <stephanie.hinds@soudermiller.com>; Blaylock, Brice (Contract) <brice.blaylock@dv.com>

Subject: Rebel 20 Federal 5H Extension Request Update

All,

Nelson with NMOCD called me earlier today and let me know that he is going to approve the 30 day extension but waiting until closer to the September 9, 2024 deadline to reply and send notice out. We will have until October 9, 2024 to have remediation completed and the Closure Report submitted to them.

Please let me know when we would like to schedule remediation on site or if you have any questions.

Thank you,

Monica



Stronger Communities by Design



www.soudermiller.com

Monica Peppin, A.S.

Project Manager

Direct/Mobile: 806.228.5281

Office: 575.689.7040

201 S Halagueno St.

Carlsbad, NM 88220

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 382437

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 382437
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2334572940
Incident Name	NAPP2334572940 REBEL 20 FEDERAL 5H @ 30-025-42769
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-42769] REBEL 20 FEDERAL #005H

Location of Release Source	
Site Name	REBEL 20 FEDERAL 5H
Date Release Discovered	12/11/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	6,750
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/13/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sampling will be from 09/13-16/24. Monica peppin. 806-228-5281
Please provide any information necessary for navigation to sampling site	Intersection of 128 and Buck Jackson travel southwest for 0.42 miles, turn left (southeast) on lease road, follow for 1.43 miles south, turn left (east) down lease road for 0.85 miles, continue on lease road where dog leg goes around location for 0.31 miles, continue travelling south for 0.14 miles and end on location.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 382437

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 382437
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/11/2024

Re: [EXTERNAL] Request for Extension for Devon Energy at Rebel 20 Fed 5
(napp2334572940)

Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Mon 3/11/2024 2:19 PM

To: Sarahmay Schlea <sarahmay.schlea@soudermiller.com>

Cc: dale.woodall@dv.com <Dale.Woodall@dv.com>; Reid Allan <reid.allan@soudermiller.com>; Stephanie Hinds <stephanie.hinds@soudermiller.com>; Georgeann Goodman <Georgeann.Goodman@soudermiller.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Good afternoon Sarahmay,

Your 90-day time extension requested on behalf of Devon Energy is approved. Remediation Due date has been updated to June 10, 2024.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, March 11, 2024 2:11 PM

To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Request for Extension for Devon Energy at Rebel 20 Fed 5 (napp2334572940)

From: Sarahmay Schlea <sarahmay.schlea@soudermiller.com>

Sent: Monday, March 11, 2024 11:34 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Woodall, Dale <Dale.Woodall@dv.com>; Reid Allan <reid.allan@soudermiller.com>; Stephanie Hinds

<stephanie.hinds@soudermiller.com>; Georgeann Goodman <Georgeann.Goodman@soudermiller.com>

Subject: [EXTERNAL] Request for Extension for Devon Energy at Rebel 20 Fed 5 (napp2334572940)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

On behalf of Devon Energy, SMA would like to respectfully request an extension of 90 days for the Rebel 20 Fed 5 - nAPP2334572940 incident. We are currently waiting for an OSE Well permit to be approved before we begin excavation. The release has been delineated, and the temporary well/borehole will verify excavation extents.

Please let us know if you have any questions or concerns.

Thank you for your time,
Sarahmay



Stronger Communities by Design



www.soudermiller.com

Sarahmay Schlea, GIT

*Staff Scientist II
(she/her)*

Direct/Office: (575) 449-2758

Mobile: (330) 958-5689

201 S Halagueno St
Carlsbad, NM 88220

GIT Certified in TX (GIT-675)

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

Notice of Confidentiality and Privileged Status: This electronic mail message, including all attachments, is for the sole use of the intended recipient(s) and may contain confidential and/or privileged information or otherwise may be protected from disclosure. Any unauthorized review, use, disclosure, distribution or actions which rely on the contents of this information is prohibited. If you are not the intended recipient, please contact the sender and delete the message and any attachment(s) from your system.

Statement on Viruses and Harmful Software: While the message and attachment(s) have been scanned with anti-virus software, SMA does not guarantee that this message or any attachment(s) is free of computer viruses or other harmful software. SMA does not accept liability for any damages caused by any computer virus or other harmful software transmitted herewith.

From: [Velez, Nelson, EMNRD](#)
To: [Stephanie Hinds; Enviro, OCD, EMNRD](#)
Cc: [dale.woodall@dvn.com; Reid Allan; Georgeann Goodman; Bratcher, Michael, EMNRD](#)
Subject: Re: [EXTERNAL] Request for Extension for Devon Energy at Rebel 20 Fed 5 (napp2334572940)
Date: Tuesday, June 11, 2024 9:15:46 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[Outlook-4fmxrr04.png](#)

Good morning Stephanie,

Thank you for the inquiry. Your 90-day time extension request is approved. Remediation Due date has been updated to September 9, 2024.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
 Environmental Bureau | EMNRD - Oil Conservation Division
 1000 Rio Brazos Road | Aztec, NM 87410
 (505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Stephanie Hinds <stephanie.hinds@soudermiller.com>
Sent: Monday, June 10, 2024 4:37 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: dale.woodall@dvn.com <Dale.Woodall@dvn.com>; [Reid Allan](mailto:Reid.Allan@soudermiller.com) <reid.allan@soudermiller.com>; [Georgeann Goodman](mailto:Georgeann.Goodman@soudermiller.com) <Georgeann.Goodman@soudermiller.com>; [Velez, Nelson, EMNRD](mailto:Nelson.Velez@emnrd.nm.gov) <Nelson.Velez@emnrd.nm.gov>; [Bratcher, Michael, EMNRD](mailto:mike.bratcher@emnrd.nm.gov) <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Request for Extension for Devon Energy at Rebel 20 Fed 5

(napp2334572940)

Hello,

We are requesting another 90-day extension on behalf of Devon Energy for the Rebel 20 Fed 5 - nAPP2334572940 incident. We received laboratory confirmation results on June 7, which indicated confirmation samples exceeded cleanup standards and additional work is required. Please let us know if a remediation plan is needed.

Thanks,



Stephanie Hinds, P.E.
Senior Engineer

Direct/Mobile: 505.793.7079
Office: 505.302.1127

112 W. Montezuma Ave, Suite 3
Cortez, CO 81321

P.E. licensed in CO & NM

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

Notice of Confidentiality and Privileged Status: This electronic mail message, including all attachments, is for the sole use of the intended recipient(s) and may contain confidential and/or privileged information or otherwise may be protected from disclosure. Any unauthorized review, use, disclosure, distribution or actions which rely on the contents of this information is prohibited. If you are not the intended recipient, please contact the sender and delete the message and any attachment(s) from your system.

Statement on Viruses and Harmful Software: While the message and attachment(s) have been scanned with anti-virus software, SMA does not guarantee that this message or any attachment(s) is free of computer viruses or other harmful software. SMA does not accept liability for any damages caused by any computer virus or other harmful software transmitted herewith.

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Sent: Monday, March 11, 2024 2:19 PM

To: Sarahmay Schlea <sarahmay.schlea@soudermiller.com>

Cc: dale.woodall@dmn.com; Reid Allan <reid.allan@soudermiller.com>; Stephanie Hinds <stephanie.hinds@soudermiller.com>; Georgeann Goodman <Georgeann.Goodman@soudermiller.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: Re: [EXTERNAL] Request for Extension for Devon Energy at Rebel 20 Fed 5 (napp2334572940)

Good afternoon Sarahmay,

Your 90-day time extension requested on behalf of Devon Energy is approved. Remediation Due date has been updated to June 10, 2024.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, March 11, 2024 2:11 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Request for Extension for Devon Energy at Rebel 20 Fed 5 (napp2334572940)

From: Sarahmay Schlea <sarahmay.schlea@soudermiller.com>
Sent: Monday, March 11, 2024 11:34 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Woodall, Dale <Dale.Woodall@dyn.com>; Reid Allan <reid.allan@soudermiller.com>; Stephanie Hinds <stephanie.hinds@soudermiller.com>; Georgeann Goodman <Georgeann.Goodman@soudermiller.com>
Subject: [EXTERNAL] Request for Extension for Devon Energy at Rebel 20 Fed 5 (napp2334572940)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

On behalf of Devon Energy, SMA would like to respectfully request an extension of 90 days for the Rebel 20 Fed 5 - nAPP2334572940 incident. We are currently waiting for an OSE Well permit to be approved before we begin excavation. The release has been delineated,

and the temporary well/borehole will verify excavation extents.

Please let us know if you have any questions or concerns.

Thank you for your time,
Sarahmay



Stronger Communities by Design



www.soudermiller.com

Sarahmay Schlea, GIT

*Staff Scientist II
(she/her)*

Direct/Office: (575) 449-2758
Mobile: (330) 958-5689

201 S Halagueno St
Carlsbad, NM 88220

GIT Certified in TX (GIT-675)

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

Notice of Confidentiality and Privileged Status: This electronic mail message, including all attachments, is for the sole use of the intended recipient(s) and may contain confidential and/or privileged information or otherwise may be protected from disclosure. Any unauthorized review, use, disclosure, distribution or actions which rely on the contents of this information is prohibited. If you are not the intended recipient, please contact the sender and delete the message and any attachment(s) from your system.

Statement on Viruses and Harmful Software: While the message and attachment(s) have been scanned with anti-virus software, SMA does not guarantee that this message or any attachment(s) is free of computer viruses or other harmful software. SMA does not accept liability for any damages caused by any computer virus or other harmful software transmitted herewith.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 382437

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 382437
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2334572940
Incident Name	NAPP2334572940 REBEL 20 FEDERAL 5H @ 30-025-42769
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-42769] REBEL 20 FEDERAL #005H

Location of Release Source	
Site Name	REBEL 20 FEDERAL 5H
Date Release Discovered	12/11/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	6,750
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/13/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sampling will be from 09/13-16/24. Monica peppin. 806-228-5281
Please provide any information necessary for navigation to sampling site	Intersection of 128 and Buck Jackson travel southwest for 0.42 miles, turn left (southeast) on lease road, follow for 1.43 miles south, turn left (east) down lease road for 0.85 miles, continue on lease road where dog leg goes around location for 0.31 miles, continue travelling south for 0.14 miles and end on location.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 382437

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 382437
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/11/2024



Outlook

Re: [EXTERNAL] nAPP2334572940 Rebel 20 Federal 5H Extension Request

From Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Date Fri 10/4/2024 7:47 AM

To Monica Peppin <Monica.Peppin@soudermiller.com>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc Stephanie Hinds <stephanie.hinds@soudermiller.com>; Woodall, Dale <Dale.Woodall@dvn.com>; Reid Allan <reid.allan@soudermiller.com>

Good morning Monica,

Thank you for the request. My apologies for the delay in responding.

Your 30-day time extension has been approved as of September 5, 2024 (see email thread below as well as the online incident page). Remediation Due date has been updated to October 9, 2024.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: Monica Peppin <Monica.Peppin@soudermiller.com>

Sent: Monday, September 30, 2024 11:05 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Cc: Stephanie Hinds <stephanie.hinds@soudermiller.com>; Woodall, Dale <Dale.Woodall@dvn.com>; Reid Allan <reid.allan@soudermiller.com>

Subject: [EXTERNAL] nAPP2334572940 Rebel 20 Federal 5H Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Nelson,

On behalf of Devon Energy, SMA is requesting an additional 30-day extension for the Rebel 20 Federal 5H in reference to incident ID nAPP2334572940. Remediation efforts are underway along with the closure report to follow. This additional 30 days will give us sufficient time to finish excavation, confirmation sampling, and complete the closure report for your review. We appreciate your time and please let us know if you have any questions or inquiries on our progress.

Current Deadline – September 9, 2024
Deadline with additional 30 days – October 9, 2024

Thank you,

MP



Stronger Communities by Design



www.soudermiller.com

Monica Peppin, A.S.

Project Manager

Direct/Mobile: 806.228.5281

Office: 575.689.7040

201 S Halagueno St.

Carlsbad, NM 88220

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

Notice of Confidentiality and Privileged Status: This electronic mail message, including all attachments, is for the sole use of the intended recipient(s) and may contain confidential and/or privileged information or otherwise may be protected from disclosure. Any unauthorized review, use, disclosure, distribution or actions which rely on the contents of this information is prohibited. If you are not the intended recipient, please contact the sender and delete the message and any attachment(s) from your system.

Statement on Viruses and Harmful Software: While the message and attachment(s) have been scanned with anti-virus software, SMA does not guarantee that this message or any attachment(s) is free of computer viruses or other harmful software. SMA does not accept liability for any damages caused by any computer virus or other harmful software transmitted herewith.

State of New Mexico
Oil Conservation Division

Released to Imaging: 7/15/2025 9:34:25 AM

Incident ID	nAPP2334572940
District RP	
Facility ID	
Application ID	

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.

Printed Name: Dale Woodall Title: Environmental Specialist

Signature: _____ Date: _____

email: dale.woodall@div.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

APPENDIX B: WATER WELL DATA

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 758022
File Nbr: C 04821

Apr. 03, 2024

DALE WOODALL
DEVON ENERGY CORP
333 W. SHERIDAN AVE.
OKLAHOMA CITY, OK 73102

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Clements".

Vanessa Clements
(575) 622-6521

Enclosure

explore

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 758022
File Nbr: C 04821

Apr. 03, 2024

STEPHANIE HINDS
SOUDER MILLER & ASSOCIATES
201 S. HALAGUENO
CARLSBAD, NM 88220

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

Vanessa Clements
(575) 622-6521

Enclosure

explore

File No. C-4821

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well*(Pump test)	☐ Construction Site/Public Works Dewatering	☒ Other(Describe): Soil Boring
☐ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

*New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

☒ Temporary Request - Requested Start Date: 2/26/2024	Requested End Date: 3/21/2024
---	-------------------------------

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

Note: if there is known artesian conditions, contamination or high mineral content at the drilling location check box and attach form WD-09 to this form. ☐

1. APPLICANT(S)

Name: Devon Energy Corp	Name: Souder Miller & Associates
Contact or Agent: Dale Woodall	Contact or Agent: Stephanie Hinds
Mailing Address: 333 West Sheridan Avenue	Mailing Address: 201 S. Halagueno
City: Oklahoma City	City: Carlsbad
State: Oklahoma	State: NM
Zip Code: 73102	Zip Code: 88220
Phone: 4053184697	Phone: 5057937079
Phone (Work):	Phone (Work):
E-mail (optional): dale.woodall@dyn.com	E-mail (optional): stephanie.hinds@soudermiller.com

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 01/31/2024

File No.: C-4821	Trn. No.: 758022	Receipt No.: 2-46633
Trans Description (optional): MON		
Sub-Basin: CUB	PCW/LOG Due Date: 4-3-2025	

Page 1 of 3

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell), District V (Aztec) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
 ☐ UTM (NAD83) (Meters)
 ☒ Lat/Long (WGS84) (to the nearest 1/10th of second)

☐ NM West Zone
 ☐ Zone 12N

☐ NM East Zone
 ☐ Zone 13N

☐ NM Central Zone

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-4821 Pod1 Rebel 20 Fed 5H	32.209810	-103.696916	S20 T24S R32E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)

Additional well descriptions are attached: ☒ Yes ☐ No **If yes, how many** _____

Other description relating well to common landmarks, streets, or other: _____

Well is on land owned by: ? BLM

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☒ No
If yes, how many _____

Approximate depth of well (feet): 51'	Outside diameter of well casing (inches): 8"
Driller Name: Scarborough Drilling Inc.	Driller License Number: WD-1188

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

One boring is being drilled to 51 ft to determine if depth to ground water is greater than or less than 50 ft. Total depth will be determined during drilling.

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 01/31/2024

File No.: C-4821

Trn No.: 758022

Page 2 of 3

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: Is proposed well a future public water supply well? ☐ Yes ☒ NO If Yes, an application must be filed with NMED-DWB, concurrently. ☐ Include a description of any proposed pump test, if applicable. Monitoring ☐ Include the reason for the monitoring well, and, ☐ The duration of the planned monitoring.	Pollution Control and/or Recovery: ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge. ☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Construction De-Watering: ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of. Ground Source Heat Pump: ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	Mine De-Watering: ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
---	---	--	---

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Stephanie Hinds (Souder, Miller & Associates), agent for Devon Energy Corp

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Stephanie Hinds Digitally signed by Stephanie Hinds
Date: 2024.02.19 12:22:16 -07'00'

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is.

☒ approved

☐ partially approved

☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of the public welfare of the State of New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 3rd day of April, 2024, for the State Engineer

Mike A. Hamman, P.E.

State Engineer

By: K. Parekh
Signature

Kashyap Parekh

Print

Title:

Water Resources Manager I

Print



FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 01/31/2024

File No.: C-4821

Trn No.: 758022

Page 3 of 3

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04821 POD1

File Number: C 04821

Trn Number: 758022

page: 1

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04821 POD1

File Number: C 04821

Trn Number: 758022

page: 2

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04821 POD1 must be completed and the Well Log filed on or before 04/03/2025.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL LAUTHORIZATION AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 02/20/2024	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 03 day of Apr A.D., 2024

Mike A. Hamman, P.E. _____, State

By: K. Parekh
KASHYAP PAREKH



Trn Desc: C 04821 POD1

File Number: C 04821
Trn Number: 758022

page: 3



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Mike A. Hamman, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

April 3, 2024

Devon Energy Corp
333 West Sheridan Avenue
Oklahoma City, OK 73102

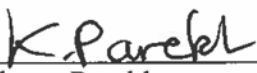
RE: Well Plugging Plan of Operations for well No. C-4821-POD1

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer. subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,



Kashyap Parekh
Water Resources Manager I



**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL**

1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623- 8559

Applicant has identified wells, listed below, to be plugged. Scarborough Drilling Inc. (WD-1188) will perform the plugging.

Permittee: Devon Energy Corp
NMOSE Permit Number: C-4821-POD1

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
C-4821-POD1	8.0	51.0	Unknown	32° 12' 35.32"	103° 41' 35.62"

Specific Plugging Conditions of Approval for Well located in Lea County.

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.
2. Theoretical volume of sealant required for abandonment of the 8.0 inch diameter casing is approximately 134.0 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 51 feet below ground surface (b.g.s.).
3. The cement-bentonite slurry (bentonite powder) shall be mixed using a maximum of 5.2 gallons water per 94-lb sack of Type I/II Portland cement **PLUS** 0.65 gallons per 1% increase in bentonite up to a maximum 6% bentonite by dry weight ratio.
4. The bentonite shall be hydrated separately with its required increments of water prior to being mixed into the cement slurry.
5. Placement of the sealant within the wells shall be by pumping through a tremie pipe extended to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces the standing water column.

6. Should cement "shrinks-back" occur in the well, use of a tremie for topping off is required for cement placement deeper than 20 feet below land surface or if water is present in the casing. The approved sealant for topping off is identified in condition 3. of these Specific Conditions of Approval.
7. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.
8. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.
9. NMOSE witnessing of the plugging of the non-artesian well will not be required.
10. Any deviation from this plan must obtain an approved variance from this office prior to implementation.
11. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 3rd day of April 2024

Mike A. Hamman, P.E. State Engineer



By: K. Parekh

Kashyap Parekh
Water Resources Manager I



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM116575

March 27, 2024

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: REBEL 20 FED 5H
Sec 20, TS 24S, RE 32E
Lea County, New Mexico
30-025-42769

To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 51 feet below ground surface. The boring will be secured and left open for 72 hours at which time Devon Energy Production Company LP will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type 1/11 neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha A. Morgan
Certified Environmental Protection Specialist



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: TBD C-4821-POPI

Name of well owner: Devon Energy Corp

Mailing address: 333 West Sheridan Avenue County: _____

City: Oklahoma City State: Oklahoma Zip code: 73102

Phone number: 4053184697 E-mail: dale.woodall@devon.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Scarborough Drilling Inc.

New Mexico Well Driller License No.: WD-1188 Expiration Date: 3/31/2024

IV. WELL INFORMATION: ☒ Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 12 min, 35.32 sec
Longitude: -103 deg, 41 min, 35.62 sec, NAD 83

2) Reason(s) for plugging well(s):

Soil boring to determine depth to ground water

DATE: 01/20/2024 PM 4:17

3) Was well used for any type of monitoring program? N/A If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? N/A If yes, provide additional detail, including analytical results and/or laboratory report(s): _____

5) Static water level: N/A feet below land surface / feet above land surface (circle one)

6) Depth of the well: 51 feet

WD-08 Well Plugging Plan
Version March 07, 2022
Page 1 of 5

- 7) Inside diameter of innermost casing: N/A inches.
- 8) Casing material: N/A
- 9) The well was constructed with:
☐ an open-hole production interval, state the open interval: _____
☐ a well screen or perforated pipe, state the screened interval(s): _____
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? N/A
- 11) Was the well built with surface casing? N/A If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:

- 12) Has all pumping equipment and associated piping been removed from the well? N/A If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING: ☐ If plugging method differs between multiple wells on same site, a separate form must be completed for each method.

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

 Pressure grout with bentonite cement slurry using a tremmie pipe from bottom of hole to surface
- 2) Will well head be cut-off below land surface after plugging? _____

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: 134 gallons
- 4) Type of Cement proposed: type I/II Portland cement
- 5) Proposed cement grout mix: 5.5 gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: _____ batch-mixed and delivered to the site
x mixed on site

OSE ON FEB 20 2024 PM 4:17

- 7) Grout additives requested, and percent by dry weight relative to cement:

6% bentonite

- 8) Additional notes and calculations:

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

VIII. SIGNATURE:

I, Stephanie Hinds, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Stephanie Hinds

Digitally signed by Stephanie Hinds
Date: 2024.02.19 12:26:57 -07'00'

2/19/2024

Signature of Applicant

Date

IX. ACTION OF THE STATE ENGINEER:

QSE DIT FEB 20 2024 PM 4:17

This Well Plugging Plan of Operations is:

☒ Approved subject to the attached conditions.
☐ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 3rd day of April, 2024

Mike A. Hamman P.E.

_____, New Mexico State Engineer

By: K. Parekh
Kashyap Parekh

Water Resources Manager I

WD-08 Well Plugging Plan
Version: March 07, 2022
Page 3 of 5



TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			
Bottom of proposed interval of grout placement (ft bgl)			
Theoretical volume of grout required per interval (gallons)			
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch-mixed and delivered?			
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

USE ON FEB 20 2024 PM4:17

WD-08 Well Plugging Plan
Version: March 07, 2022 Page
4 of 5

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			
Bottom of proposed sealant or grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

QSE DIT FEB 20 2024 PM 4:17



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO (WELL NO.) C-4821-PODI		WELL TAG ID NO.		OSE FILE NO(S) OSE DII FEB 20 2024			
	WELL OWNER NAME(S) Devon Energy Corp				PHONE (OPTIONAL) 405-318-4697			
	WELL OWNER MAILING ADDRESS 333 West Sheridan Avenue				CITY Oklahoma City	STATE OK	ZIP 73102	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 12	SECONDS 35.32	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE	-103	41	35.62	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO WD-1188		NAME OF LICENSED DRILLER John Scarborough			NAME OF WELL DRILLING COMPANY John Scarborough Drilling Inc.		
	DRILLING STARTED 4/11/2024	DRILLING ENDED 4/11/2024	DEPTH OF COMPLETED WELL (FT) 51	BORE HOLE DEPTH (FT) 51	DEPTH WATER FIRST ENCOUNTERED (FT) 0			
	COMPLETED WELL IS ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 0		DATE STATIC MEASURED 04/15/2024	
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER SPECIFY						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 51		5	Borehole				
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE - RANGE BY INTERVAL (*if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				NA				

FOR OSE INTERNAL USE

FILE NO	POD NO	WR-20 WELL RECORD & LOG (Version 09/22/2023)	TRN NO
LOCATION	WELL TAG ID NO	PAGE 1 OF 2	

[illegible]



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04821 POD 1

Well owner: Devon Energy Production Co

Phone No.: 405-318-4697

Mailing address: 333 West Sheridan Avenue

City: Oklahoma City

State:

Oklahoma

Zip code: 73012

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Scarborough Drilling Inc
- 2) New Mexico Well Driller License No.: WD-1188 Expiration Date: 3/31/2024
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Scott Scarborough
- 4) Date well plugging began: 4/15/2024 Date well plugging concluded: 4/15/2024
- 5) GPS Well Location: Latitude: 32 deg, 12 min, 35.32 sec
Longitude: -103 deg, 41 min, 35.62 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 51.0 ft below ground level (bgl).
by the following manner: tape measure
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4/03/2024
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

I, Lane Scarborough, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller _____
Date May 6, 2024

III. SIGNATURE:

MULTIPLY	BY	AND OBTAIN
Cubic Feet	X	7.4806
=	gallons	
Cubic Yards	X	201.97
=	gallons	

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	Bentonite chips (0'-5'1")	6.95	6.95	tremie pipe	no casing

For each interval plugged, describe within the following columns:

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

APPENDIX C: FIELD NOTES AND PHOTOGRAPHIC LOG

Site Visit Photograph Report



Photograph #1	A photograph of a spill area at an industrial site. The ground is reddish-brown dirt. In the background, there are industrial structures, including a large blue storage tank and various pipes and railings. A directional overlay at the top of the image shows a compass rose with labels S, SW, W, and NW, and degree markings (150, 180, 210, 240, 270, 300). Below the compass, the text reads: "233°SW (T) • 32.209364, -103.703582 ±5m ▲ 1064m". In the bottom right corner of the image, the timestamp "04 Jan 2024, 9:59:58 AM" is visible.
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: January 04, 2024	
Release Location: 32.209364, -103.703582 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Georgeann Goodman	Description: Spill area.

Site Visit Photograph Report



Released to Imaging: 7/15/2025 9:34:25 AM

Received by OCD: 5/29/2025 2:56:53 PM

Photograph #2	The photograph shows an oil spill area at an industrial site. In the background, two large pumpjacks are visible. The ground is covered in a light-colored, sandy material, likely spilled oil. A green metal fence runs across the middle ground. The sky is overcast. A directional overlay at the top of the image shows a compass rose with bearings: S (180), SW (210), W (270), and NW (330). Below the compass, the coordinates and elevation are displayed: 262°W (T) • 32.209354, -103.703493 ±3m ▲ 1064m. The date and time '04 Jan 2024, 9:59:22 AM' are printed in the bottom right corner of the photo area.
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: January 04, 2024	
Release Location: 32.209354, -103.703493 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Georgeann Goodman	Description: Spill area.

Site Visit Photograph Report



Released to Imaging: 7/15/2025 9:34:25 AM

Received by OCD: 5/29/2025 2:56:53 PM

Photograph #3	E90120SE150180S210SW240 ☉ 169°S (T) ● 32.209483, -103.704016 ±25m ▲ 1064m  04 Jan 2024, 9:52:11 AM
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: January 04, 2024	
Release Location: 32.209483, -103.704016 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Georgeann Goodman	Description: Spill area.

Site Visit Photograph Report



Released to Imaging: 7/15/2025 9:34:25 AM

Received by OCD: 5/29/2025 2:56:53 PM

Photograph #4	A photograph showing a test pit edge. An excavator bucket is suspended in the air, having just dumped a pile of reddish-brown soil. A person in a maroon shirt and blue jeans is using a yellow measuring tape to measure the depth of the pit. A wooden stake is visible in the foreground. The background shows a dry, hilly landscape with sparse vegetation. A GPS overlay in the bottom right corner of the photo provides location data.
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: August 16, 2024	
Release Location: 32.209315, -103.704162 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Monica Peppin	Description: Test pit edge of pad area to the west facing Southeast

Site Visit Photograph Report



Released to Imaging: 7/15/2025 9:34:25 AM

Received by OCD: 5/29/2025 2:56:53 PM

Photograph #6	A photograph of a test pit location. In the foreground, a large Deere excavator bucket is visible. In the background, a white pickup truck is parked on a dirt field. The sky is clear and blue. A GPS overlay is visible in the bottom right corner of the photo.
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: August 16, 2024	
Release Location: 32.209048, -103.70608 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken: Monica Peppin	Description: Test Pit location South of pumpjack facing North

Site Visit Photograph Report



Photograph #5	
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: August 16, 2024	
Release Location: 32.209170, -103.704262 S: 20 T24:S R:32E Lea County, New Mexico	
Photo Taken by: Monica Peppin	Description: Test Pit located in Southwest corner of pad area facing East

Site Visit Photograph Report



Released to Imaging: 7/15/2025 9:34:25 AM

Received by OCD: 5/29/2025 2:56:53 PM

Photograph #7	
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: August 16, 2024	
Release Location: 32.209118, -103.703671 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Monica Peppin	Description: Test Pit located on south side of pad in between pumpjacks

Site Visit Photograph Report



Received by OCD: 5/29/2025 2:56:53 PM

Photograph #10	A photograph of an oil pumpjack in a desert environment. In the foreground, there is a rectangular excavation pit in the dirt. The pumpjack is a large metal structure with a walking beam and a horsehead. The background shows a flat landscape with some low-lying vegetation and power lines under a clear blue sky.
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: September 10, 2024	
Release Location: 32.209442, -103.703890 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Monica Peppin	Description: 0.5' excavation on west side of pumpjack facing south



Site Visit Photograph Report



Photograph #8	A photograph of an excavation site. In the background, a silver pickup truck is parked on a dirt road. To the right, a large pumpjack is visible, partially enclosed by a green metal fence. The foreground shows a deep, narrow excavation with visible tire tracks. A GPS overlay is present in the lower center of the image, displaying location data and a map snippet.
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: September 10, 2024	
Release Location: 32.209362, -103.703503 S:20 T:24S R:32E Eddy County, New Mexico	
Photo Taken by: Monica Peppin	

Description: 0.5' excavation on East side of pumpjack facing south

Site Visit Photograph Report



Released to Imaging: 7/15/2025 9:34:25 AM

Received by OCD: 5/29/2025 2:56:53 PM

Photograph #9	
Client: Devon Energy	
Site Name: Rebel 20 Fed 5H	
Date Photo Taken: September 13, 2024	
Release Location: 32.209556, -103.703558 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Georgeann Goodman	Description: 0.5' excavation

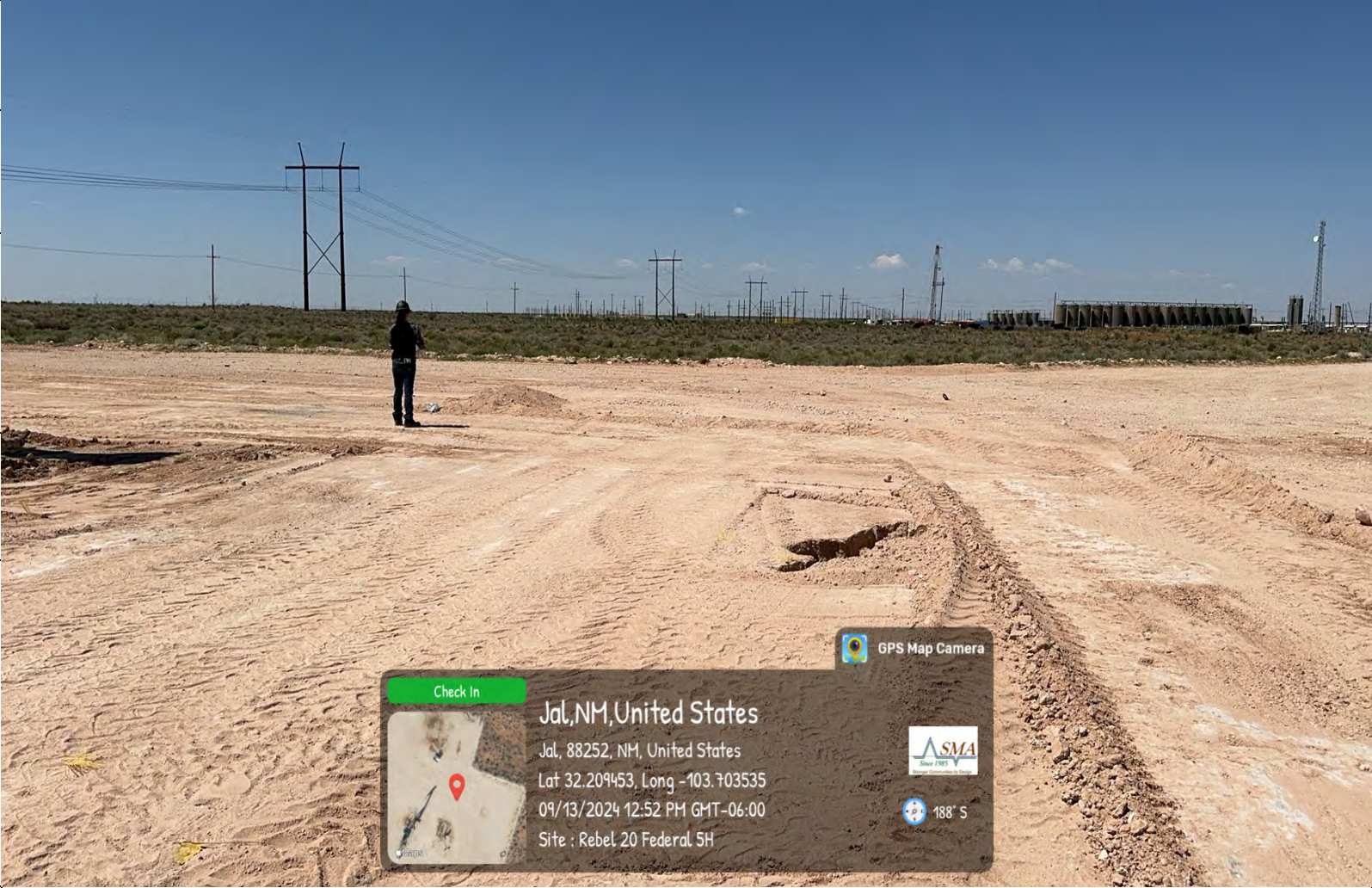
Site Visit Photograph Report



Photograph #11	
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: September 13, 2024	
Release Location: 32.209442, -103.703890 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Georgeann Goodman	
Description: 0.5' excavation north of pumpjacks facing southeast	

Site Visit Photograph Report



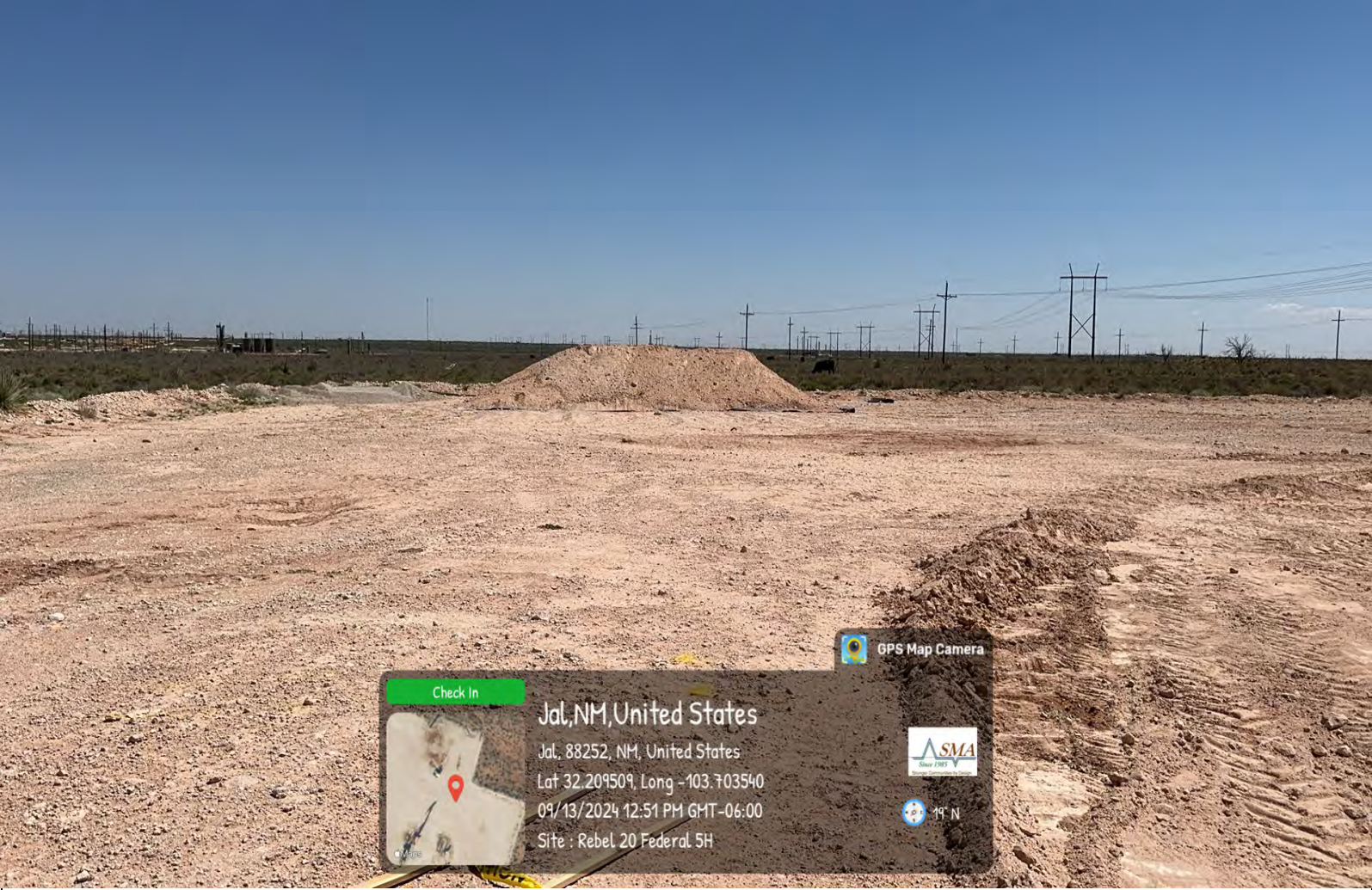
Photograph #12	
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: September 13, 2024	
Release Location: 32.209442, -103.703890 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Monica Peppin	Description: 0.5' excavation area near pumpjack on northwest area

Site Visit Photograph Report



Released to Imaging: 7/15/2025 9:34:25 AM

Received by OCD: 5/29/2025 2:56:53 PM

Photograph #13	
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: September 13, 2024	
Release Location: 32.209442, -103.703890 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Monica Peppin	Description: Stockpile on liner of contaminated soil

Site Visit Photograph Report



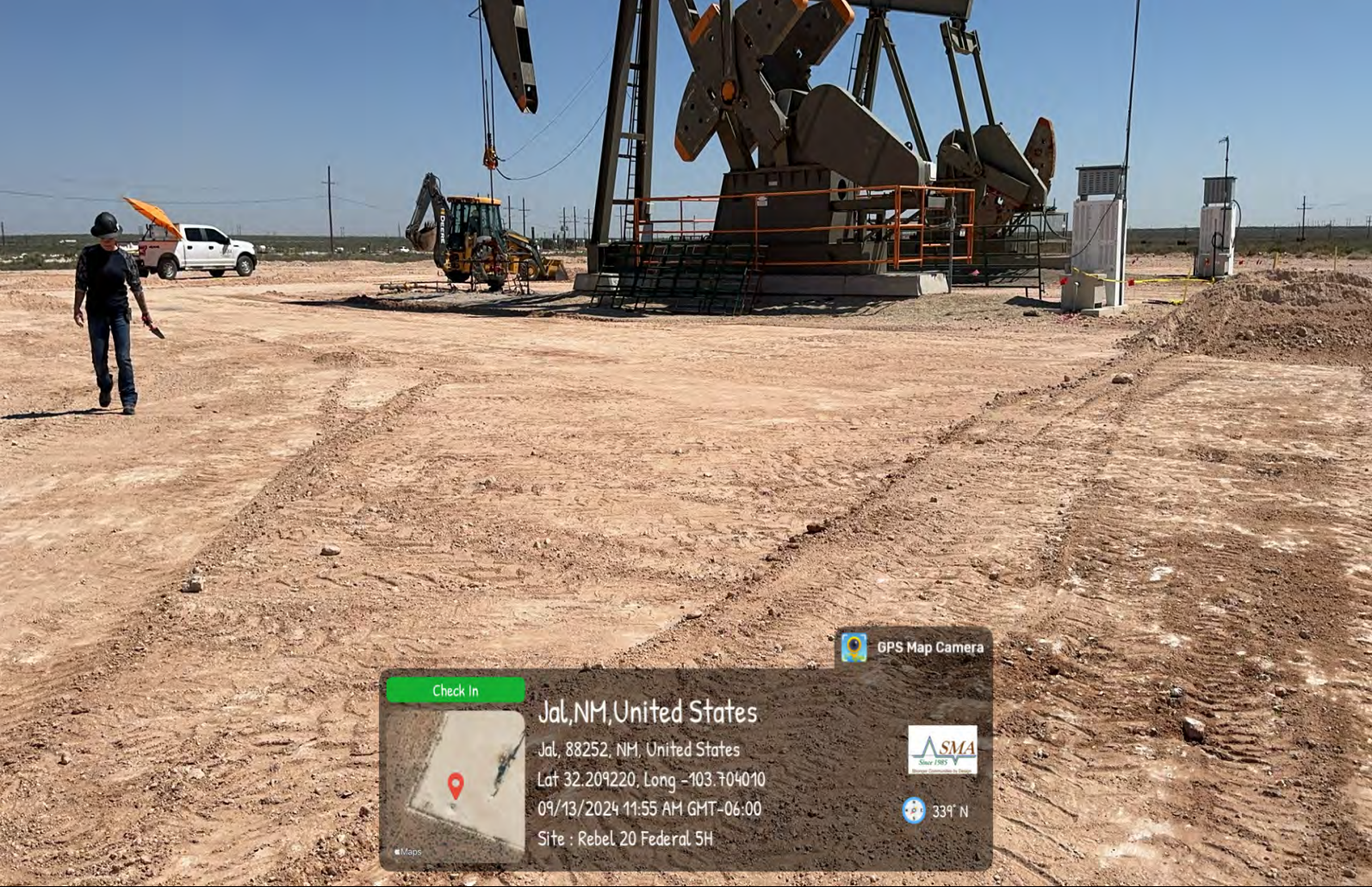
Released to Imaging: 7/15/2025 9:34:25 AM

Received by OCD: 5/29/2025 2:56:53 PM

Photograph #14	
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: September 13, 2024	
Release Location: 32.209442, -103.703890 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by: Monica Peppin	Description: 0.5' excavation on south side of pumpjacks facing east

Site Visit Photograph Report



Photograph #15	
Client: Devon Energy	
Site Name: Rebel 20 Federal 5H	
Date Photo Taken: September 13, 2024	
Release Location: 32.209442, -103.703890 S:20 T:24S R:32E Lea County, New Mexico	
Photo Taken by:	Description: 0.5' excavation south side of pumpjack facing northeast

APPENDIX D: SAMPLING PROTOCOL



Sampling Protocol

Representatives from SMA chose the Judgmental Sampling Method as described in EPA's Final Sampling Guidance for SW-846, 2002 to adequately quantify contaminant concentrations on the Rebel 20 Federal 5H Location. The utility of this particular method functions on the sufficient knowledge of the contaminant, which we possess. This design is also useful when identifying the composition of a release, which we have documented. In addition, this sampling design was chosen for this project because of the locations uniform soil type, the release being contained within a bermed area thus reducing the possibility of migration, and the several operational considerations (such as the liner within the battery and the construction of a new facility) that precluded the implementation of a different statistical design.

The soil samples were collected in laboratory supplied containers in accordance with this sampling protocol, immediately placed on ice and sent under standard chain-of-custody protocols to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico for analysis. A total of fourteen (14) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D.

Sampling Analysis Field Quality Assurance Procedures

A unique sample numbering was used to identify each sample collected and designated for on-site and off-site laboratory analysis. The purpose of this numbering scheme was to provide a tracking system for the retrieval of analytical and field data on each sample. Sample identification numbers were recorded on sample labels or tags, field notes, chain-of-custody records (COC) and all other applicable documentation used during the project. Sample labels were affixed to all sample containers during sampling activities. Information was recorded on each sample container label at the time of sample collection. The information recorded on the labels were as follows: sample identification number; sample type (discrete or composite); site name and area/location number; analysis to be performed; type of chemical preservative present in container; date and time of sample collection; and sample collector's name and initials. All samples were packed in ice in an approved rigid body container, custody sealed signed and shipped to the appropriate laboratory via insured courier service.

COC procedures implemented for the project provided documentation of the handling of each sample from the time of collection until completion of laboratory analysis. A COC form serves as a legal record of possession of the sample. A sample is considered to be under custody if one or more of the following criteria are met: the sample is in the sampler's possession; the sample is in the sampler's view after being in possession; the sample was in the sampler's possession and then was placed into a locked area to prevent tampering; and/or the sample is in a designated secure area. Custody was documented throughout the project field sampling activities by a chain-of custody form initiated each day during which samples are collected. Container custody seals placed on either individual samples or on the rigid body container were used to ensure that no sample tampering occurs between the time the samples are placed into the containers and the time the containers are opened for analysis at the laboratory. Container custody seals were signed and dated by the individual responsible for completing the COC form contained within the container.

APPENDIX E: LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

PREPARED FOR

Attn: Dale Woodall
Devon Energy Corporation
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Generated 10/2/2024 4:09:00 PM

JOB DESCRIPTION

Rebel 20 Federal 5H

JOB NUMBER

885-11908-1

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
10/2/2024 4:09:00 PM

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

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	47
QC Association Summary	55
Lab Chronicle	64
Certification Summary	77
Chain of Custody	78
Receipt Checklists	82

Definitions/Glossary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Eurofins Albuquerque

Case Narrative

Client: Devon Energy Corporation
Project: Rebel 20 Federal 5H

Job ID: 885-11908-1

Job ID: 885-11908-1

Eurofins Albuquerque

Job Narrative 885-11908-1

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

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

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

Receipt

The samples were received on 9/17/2024 8:15 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

Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-12481 and analytical batch 885-12470 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015D_DRO: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 885-12481 and analytical batch 885-12470 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015D_DRO: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (885-11908-A-28-C MS). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported. Surrogate failed high due to matrix interference.

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: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B1 0.5'

Lab Sample ID: 885-11908-1

Date Collected: 09/13/24 11:30

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 12:21	09/19/24 03:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			09/17/24 12:21	09/19/24 03:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 12:21	09/19/24 03:08	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 12:21	09/19/24 03:08	1
Toluene	ND		0.049	mg/Kg		09/17/24 12:21	09/19/24 03:08	1
Xylenes, Total	ND		0.098	mg/Kg		09/17/24 12:21	09/19/24 03:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			09/17/24 12:21	09/19/24 03:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/18/24 11:56	09/18/24 19:10	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/18/24 11:56	09/18/24 19:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			09/18/24 11:56	09/18/24 19:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63		61	mg/Kg		09/19/24 07:48	09/19/24 09:09	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B2 0.5'

Lab Sample ID: 885-11908-2

Date Collected: 09/13/24 11:30

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 12:21	09/19/24 03:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/17/24 12:21	09/19/24 03:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 12:21	09/19/24 03:55	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 12:21	09/19/24 03:55	1
Toluene	ND		0.049	mg/Kg		09/17/24 12:21	09/19/24 03:55	1
Xylenes, Total	ND		0.099	mg/Kg		09/17/24 12:21	09/19/24 03:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			09/17/24 12:21	09/19/24 03:55	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		9.7	mg/Kg		09/18/24 11:56	09/18/24 19:23	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/18/24 11:56	09/18/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			09/18/24 11:56	09/18/24 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		09/19/24 07:48	09/19/24 09:48	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B3 0.5'

Lab Sample ID: 885-11908-3

Date Collected: 09/13/24 11:31

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 12:21	09/19/24 04:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			09/17/24 12:21	09/19/24 04:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 12:21	09/19/24 04:19	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 12:21	09/19/24 04:19	1
Toluene	ND		0.048	mg/Kg		09/17/24 12:21	09/19/24 04:19	1
Xylenes, Total	ND		0.096	mg/Kg		09/17/24 12:21	09/19/24 04:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			09/17/24 12:21	09/19/24 04:19	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]	12		9.6	mg/Kg		09/18/24 11:56	09/18/24 19:36	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/18/24 11:56	09/18/24 19:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			09/18/24 11:56	09/18/24 19:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2600		150	mg/Kg		09/19/24 07:48	09/20/24 12:26	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B4 0.5'

Lab Sample ID: 885-11908-4

Date Collected: 09/13/24 11:32

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		09/17/24 12:21	09/19/24 04:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			09/17/24 12:21	09/19/24 04:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/17/24 12:21	09/19/24 04:42	1
Ethylbenzene	ND		0.046	mg/Kg		09/17/24 12:21	09/19/24 04:42	1
Toluene	ND		0.046	mg/Kg		09/17/24 12:21	09/19/24 04:42	1
Xylenes, Total	ND		0.093	mg/Kg		09/17/24 12:21	09/19/24 04:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			09/17/24 12:21	09/19/24 04:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/18/24 11:56	09/18/24 19:49	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/18/24 11:56	09/18/24 19:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/18/24 11:56	09/18/24 19:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		150	mg/Kg		09/19/24 07:48	09/20/24 12:39	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B5 0.5'

Lab Sample ID: 885-11908-5

Date Collected: 09/13/24 11:32

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 12:21	09/19/24 05:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/17/24 12:21	09/19/24 05:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 12:21	09/19/24 05:06	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 12:21	09/19/24 05:06	1
Toluene	ND		0.047	mg/Kg		09/17/24 12:21	09/19/24 05:06	1
Xylenes, Total	ND		0.095	mg/Kg		09/17/24 12:21	09/19/24 05:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			09/17/24 12:21	09/19/24 05:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	29		8.7	mg/Kg		09/18/24 11:56	09/18/24 20:03	1
Motor Oil Range Organics [C28-C40]	47		44	mg/Kg		09/18/24 11:56	09/18/24 20:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			09/18/24 11:56	09/18/24 20:03	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3900		150	mg/Kg		09/19/24 07:48	09/20/24 12:52	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B6 0.5'

Lab Sample ID: 885-11908-6

Date Collected: 09/13/24 11:33

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/17/24 12:21	09/19/24 05:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			09/17/24 12:21	09/19/24 05:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 12:21	09/19/24 05:29	1
Ethylbenzene	ND		0.050	mg/Kg		09/17/24 12:21	09/19/24 05:29	1
Toluene	ND		0.050	mg/Kg		09/17/24 12:21	09/19/24 05:29	1
Xylenes, Total	ND		0.10	mg/Kg		09/17/24 12:21	09/19/24 05:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			09/17/24 12:21	09/19/24 05:29	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		9.3	mg/Kg		09/18/24 11:56	09/18/24 20:16	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/18/24 11:56	09/18/24 20:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			09/18/24 11:56	09/18/24 20:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		60	mg/Kg		09/19/24 07:48	09/19/24 14:05	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B7 0.5'

Lab Sample ID: 885-11908-7

Date Collected: 09/13/24 11:33

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 12:21	09/19/24 05:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			09/17/24 12:21	09/19/24 05:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 12:21	09/19/24 05:53	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 12:21	09/19/24 05:53	1
Toluene	ND		0.049	mg/Kg		09/17/24 12:21	09/19/24 05:53	1
Xylenes, Total	ND		0.099	mg/Kg		09/17/24 12:21	09/19/24 05:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			09/17/24 12:21	09/19/24 05:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	16		9.3	mg/Kg		09/18/24 11:56	09/18/24 20:29	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/18/24 11:56	09/18/24 20:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			09/18/24 11:56	09/18/24 20:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4700		150	mg/Kg		09/19/24 07:48	09/20/24 13:05	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B8 0.5'

Lab Sample ID: 885-11908-8

Date Collected: 09/13/24 11:38

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 12:21	09/19/24 06:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			09/17/24 12:21	09/19/24 06:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 12:21	09/19/24 06:16	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 12:21	09/19/24 06:16	1
Toluene	ND		0.048	mg/Kg		09/17/24 12:21	09/19/24 06:16	1
Xylenes, Total	ND		0.096	mg/Kg		09/17/24 12:21	09/19/24 06:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			09/17/24 12:21	09/19/24 06:16	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		9.4	mg/Kg		09/18/24 16:56	09/19/24 16:08	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/18/24 16:56	09/19/24 16:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	128		62 - 134			09/18/24 16:56	09/19/24 16:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300		150	mg/Kg		09/19/24 07:48	09/20/24 13:18	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B9 0.5'

Lab Sample ID: 885-11908-9

Date Collected: 09/13/24 11:38

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 12:21	09/19/24 06:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/17/24 12:21	09/19/24 06:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 12:21	09/19/24 06:40	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 12:21	09/19/24 06:40	1
Toluene	ND		0.049	mg/Kg		09/17/24 12:21	09/19/24 06:40	1
Xylenes, Total	ND		0.097	mg/Kg		09/17/24 12:21	09/19/24 06:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			09/17/24 12:21	09/19/24 06:40	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		9.7	mg/Kg		09/18/24 16:56	09/19/24 16:20	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/18/24 16:56	09/19/24 16:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	114		62 - 134			09/18/24 16:56	09/19/24 16:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5200		150	mg/Kg		09/19/24 08:31	09/20/24 09:39	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B10 0.5'

Lab Sample ID: 885-11908-10

Date Collected: 09/13/24 11:39

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 12:21	09/19/24 07:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			09/17/24 12:21	09/19/24 07:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/17/24 12:21	09/19/24 07:03	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 12:21	09/19/24 07:03	1
Toluene	ND		0.047	mg/Kg		09/17/24 12:21	09/19/24 07:03	1
Xylenes, Total	ND		0.093	mg/Kg		09/17/24 12:21	09/19/24 07:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			09/17/24 12:21	09/19/24 07:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		09/18/24 16:56	09/19/24 16:32	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		09/18/24 16:56	09/19/24 16:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			09/18/24 16:56	09/19/24 16:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6100		300	mg/Kg		09/19/24 08:31	09/20/24 11:35	100

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B11 0.5'

Lab Sample ID: 885-11908-11

Date Collected: 09/13/24 11:39

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 12:21	09/19/24 07:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			09/17/24 12:21	09/19/24 07:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 12:21	09/19/24 07:27	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 12:21	09/19/24 07:27	1
Toluene	ND		0.048	mg/Kg		09/17/24 12:21	09/19/24 07:27	1
Xylenes, Total	ND		0.097	mg/Kg		09/17/24 12:21	09/19/24 07:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			09/17/24 12:21	09/19/24 07:27	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]	43	F2 F1	9.2	mg/Kg		09/18/24 11:56	09/18/24 20:42	1
Motor Oil Range Organics [C28-C40]	47		46	mg/Kg		09/18/24 11:56	09/18/24 20:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/18/24 11:56	09/18/24 20:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4500		150	mg/Kg		09/19/24 08:31	09/20/24 09:52	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B12 0.5'

Lab Sample ID: 885-11908-12

Date Collected: 09/13/24 11:39

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 13:30	09/19/24 18:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			09/17/24 13:30	09/19/24 18:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 13:30	09/19/24 18:30	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 18:30	1
Toluene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 18:30	1
Xylenes, Total	ND		0.099	mg/Kg		09/17/24 13:30	09/19/24 18:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/17/24 13:30	09/19/24 18:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		09/18/24 16:56	09/19/24 16:44	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/18/24 16:56	09/19/24 16:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	121		62 - 134			09/18/24 16:56	09/19/24 16:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4000		150	mg/Kg		09/19/24 08:31	09/20/24 10:05	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B13 0.5'

Lab Sample ID: 885-11908-13

Date Collected: 09/13/24 11:41

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/17/24 13:30	09/19/24 19:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		35 - 166			09/17/24 13:30	09/19/24 19:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 13:30	09/19/24 19:35	1
Ethylbenzene	ND		0.050	mg/Kg		09/17/24 13:30	09/19/24 19:35	1
Toluene	ND		0.050	mg/Kg		09/17/24 13:30	09/19/24 19:35	1
Xylenes, Total	ND		0.10	mg/Kg		09/17/24 13:30	09/19/24 19:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/17/24 13:30	09/19/24 19:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		09/18/24 16:56	09/19/24 16:56	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/18/24 16:56	09/19/24 16:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	126		62 - 134			09/18/24 16:56	09/19/24 16:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		150	mg/Kg		09/19/24 08:31	09/20/24 10:17	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B14 0.5'

Lab Sample ID: 885-11908-14

Date Collected: 09/13/24 11:44

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		09/17/24 13:30	09/19/24 20:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			09/17/24 13:30	09/19/24 20:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/17/24 13:30	09/19/24 20:41	1
Ethylbenzene	ND		0.046	mg/Kg		09/17/24 13:30	09/19/24 20:41	1
Toluene	ND		0.046	mg/Kg		09/17/24 13:30	09/19/24 20:41	1
Xylenes, Total	ND		0.092	mg/Kg		09/17/24 13:30	09/19/24 20:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			09/17/24 13:30	09/19/24 20:41	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]	130		9.5	mg/Kg		09/18/24 16:56	09/19/24 17:08	1
Motor Oil Range Organics [C28-C40]	51		48	mg/Kg		09/18/24 16:56	09/19/24 17:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	120		62 - 134			09/18/24 16:56	09/19/24 17:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4500		150	mg/Kg		09/19/24 08:31	09/20/24 10:30	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B15 0.5'

Lab Sample ID: 885-11908-15

Date Collected: 09/13/24 11:44

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 13:30	09/19/24 21:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			09/17/24 13:30	09/19/24 21:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/19/24 21:02	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 21:02	1
Toluene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 21:02	1
Xylenes, Total	ND		0.098	mg/Kg		09/17/24 13:30	09/19/24 21:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			09/17/24 13:30	09/19/24 21:02	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]	86		9.7	mg/Kg		09/18/24 16:56	09/19/24 17:21	1
Motor Oil Range Organics [C28-C40]	91		48	mg/Kg		09/18/24 16:56	09/19/24 17:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	131		62 - 134			09/18/24 16:56	09/19/24 17:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8500		300	mg/Kg		09/19/24 08:31	09/20/24 12:13	100

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B16 0.5'

Lab Sample ID: 885-11908-16

Date Collected: 09/13/24 11:45

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 13:30	09/19/24 21:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		35 - 166			09/17/24 13:30	09/19/24 21:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/19/24 21:46	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 21:46	1
Toluene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 21:46	1
Xylenes, Total	ND		0.098	mg/Kg		09/17/24 13:30	09/19/24 21:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/17/24 13:30	09/19/24 21:46	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]	29		9.3	mg/Kg		09/18/24 16:56	09/19/24 17:33	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/18/24 16:56	09/19/24 17:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	64		62 - 134			09/18/24 16:56	09/19/24 17:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		60	mg/Kg		09/19/24 08:31	09/19/24 14:30	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B17 0.5'

Lab Sample ID: 885-11908-17

Date Collected: 09/13/24 11:45

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 13:30	09/19/24 22:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			09/17/24 13:30	09/19/24 22:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 13:30	09/19/24 22:07	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 22:07	1
Toluene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 22:07	1
Xylenes, Total	ND		0.098	mg/Kg		09/17/24 13:30	09/19/24 22:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			09/17/24 13:30	09/19/24 22:07	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]	37		9.2	mg/Kg		09/18/24 16:56	09/19/24 17:45	1
Motor Oil Range Organics [C28-C40]	52		46	mg/Kg		09/18/24 16:56	09/19/24 17:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	116		62 - 134			09/18/24 16:56	09/19/24 17:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		09/19/24 08:31	09/19/24 14:43	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B18 0.5'

Lab Sample ID: 885-11908-18

Date Collected: 09/13/24 11:46

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 13:30	09/19/24 22:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/17/24 13:30	09/19/24 22:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/19/24 22:29	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 13:30	09/19/24 22:29	1
Toluene	ND		0.047	mg/Kg		09/17/24 13:30	09/19/24 22:29	1
Xylenes, Total	ND		0.095	mg/Kg		09/17/24 13:30	09/19/24 22:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			09/17/24 13:30	09/19/24 22:29	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]	130		9.7	mg/Kg		09/18/24 16:56	09/19/24 17:57	1
Motor Oil Range Organics [C28-C40]	140		49	mg/Kg		09/18/24 16:56	09/19/24 17:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			09/18/24 16:56	09/19/24 17:57	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		60	mg/Kg		09/19/24 08:31	09/19/24 14:56	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B19 0.5'

Lab Sample ID: 885-11908-19

Date Collected: 09/13/24 11:47

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 13:30	09/19/24 22:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			09/17/24 13:30	09/19/24 22:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/17/24 13:30	09/19/24 22:51	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 13:30	09/19/24 22:51	1
Toluene	ND		0.047	mg/Kg		09/17/24 13:30	09/19/24 22:51	1
Xylenes, Total	ND		0.094	mg/Kg		09/17/24 13:30	09/19/24 22:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/17/24 13:30	09/19/24 22:51	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]	30		9.5	mg/Kg		09/18/24 16:56	09/19/24 18:23	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/18/24 16:56	09/19/24 18:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			09/18/24 16:56	09/19/24 18:23	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	690		60	mg/Kg		09/19/24 08:31	09/19/24 15:09	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B20 0.5'

Lab Sample ID: 885-11908-20

Date Collected: 09/13/24 11:48

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 13:30	09/19/24 23:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		35 - 166			09/17/24 13:30	09/19/24 23:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/19/24 23:12	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 23:12	1
Toluene	ND		0.049	mg/Kg		09/17/24 13:30	09/19/24 23:12	1
Xylenes, Total	ND		0.097	mg/Kg		09/17/24 13:30	09/19/24 23:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/17/24 13:30	09/19/24 23:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/18/24 16:56	09/19/24 18:36	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/18/24 16:56	09/19/24 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	75		62 - 134			09/18/24 16:56	09/19/24 18:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	580		59	mg/Kg		09/19/24 08:31	09/19/24 15:22	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B21 0.5'

Lab Sample ID: 885-11908-21

Date Collected: 09/13/24 11:48

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 13:30	09/19/24 23:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			09/17/24 13:30	09/19/24 23:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/19/24 23:34	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 13:30	09/19/24 23:34	1
Toluene	ND		0.047	mg/Kg		09/17/24 13:30	09/19/24 23:34	1
Xylenes, Total	ND		0.095	mg/Kg		09/17/24 13:30	09/19/24 23:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			09/17/24 13:30	09/19/24 23:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	46		9.6	mg/Kg		09/18/24 16:56	09/19/24 18:49	1
Motor Oil Range Organics [C28-C40]	71		48	mg/Kg		09/18/24 16:56	09/19/24 18:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			09/18/24 16:56	09/19/24 18:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		150	mg/Kg		09/19/24 08:31	09/20/24 10:43	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B22 0.5'

Lab Sample ID: 885-11908-22

Date Collected: 09/13/24 11:50

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 13:30	09/20/24 00:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			09/17/24 13:30	09/20/24 00:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/20/24 00:18	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 13:30	09/20/24 00:18	1
Toluene	ND		0.048	mg/Kg		09/17/24 13:30	09/20/24 00:18	1
Xylenes, Total	ND		0.095	mg/Kg		09/17/24 13:30	09/20/24 00:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			09/17/24 13:30	09/20/24 00:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		9.7	mg/Kg		09/18/24 16:56	09/19/24 19:02	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/18/24 16:56	09/19/24 19:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	119		62 - 134			09/18/24 16:56	09/19/24 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3200		150	mg/Kg		09/19/24 08:31	09/20/24 10:56	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B23 0.5'

Lab Sample ID: 885-11908-23

Date Collected: 09/13/24 11:51

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 13:30	09/20/24 00:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			09/17/24 13:30	09/20/24 00:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/20/24 00:39	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 13:30	09/20/24 00:39	1
Toluene	ND		0.048	mg/Kg		09/17/24 13:30	09/20/24 00:39	1
Xylenes, Total	ND		0.096	mg/Kg		09/17/24 13:30	09/20/24 00:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			09/17/24 13:30	09/20/24 00:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	120		9.8	mg/Kg		09/18/24 16:56	09/20/24 10:35	1
Motor Oil Range Organics [C28-C40]	170		49	mg/Kg		09/18/24 16:56	09/20/24 10:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	127		62 - 134			09/18/24 16:56	09/20/24 10:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		61	mg/Kg		09/19/24 08:31	09/19/24 16:01	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B24 0.5'

Lab Sample ID: 885-11908-24

Date Collected: 09/13/24 11:51

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 13:30	09/20/24 01:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		35 - 166			09/17/24 13:30	09/20/24 01:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/20/24 01:01	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 13:30	09/20/24 01:01	1
Toluene	ND		0.047	mg/Kg		09/17/24 13:30	09/20/24 01:01	1
Xylenes, Total	ND		0.094	mg/Kg		09/17/24 13:30	09/20/24 01:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			09/17/24 13:30	09/20/24 01:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	14		9.4	mg/Kg		09/18/24 16:56	09/20/24 11:00	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/18/24 16:56	09/20/24 11:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	123		62 - 134			09/18/24 16:56	09/20/24 11:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		60	mg/Kg		09/19/24 08:31	09/19/24 16:14	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B25 0.5'

Lab Sample ID: 885-11908-25

Date Collected: 09/13/24 11:52

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/17/24 13:30	09/20/24 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			09/17/24 13:30	09/20/24 01:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 13:30	09/20/24 01:23	1
Ethylbenzene	ND		0.050	mg/Kg		09/17/24 13:30	09/20/24 01:23	1
Toluene	ND		0.050	mg/Kg		09/17/24 13:30	09/20/24 01:23	1
Xylenes, Total	ND		0.10	mg/Kg		09/17/24 13:30	09/20/24 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			09/17/24 13:30	09/20/24 01:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	17		9.5	mg/Kg		09/18/24 16:56	09/19/24 19:41	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/18/24 16:56	09/19/24 19:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			09/18/24 16:56	09/19/24 19:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		60	mg/Kg		09/19/24 08:31	09/19/24 16:27	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B26 0.5'

Lab Sample ID: 885-11908-26

Date Collected: 09/13/24 11:53

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/17/24 13:30	09/20/24 01:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			09/17/24 13:30	09/20/24 01:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 13:30	09/20/24 01:45	1
Ethylbenzene	ND		0.050	mg/Kg		09/17/24 13:30	09/20/24 01:45	1
Toluene	ND		0.050	mg/Kg		09/17/24 13:30	09/20/24 01:45	1
Xylenes, Total	ND		0.10	mg/Kg		09/17/24 13:30	09/20/24 01:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			09/17/24 13:30	09/20/24 01:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		09/18/24 16:56	09/19/24 19:54	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/18/24 16:56	09/19/24 19:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	110		62 - 134			09/18/24 16:56	09/19/24 19:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		60	mg/Kg		09/19/24 08:31	09/19/24 17:05	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B27 0.5'

Lab Sample ID: 885-11908-27

Date Collected: 09/13/24 11:54

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 13:30	09/20/24 02:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			09/17/24 13:30	09/20/24 02:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/20/24 02:06	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 13:30	09/20/24 02:06	1
Toluene	ND		0.048	mg/Kg		09/17/24 13:30	09/20/24 02:06	1
Xylenes, Total	ND		0.095	mg/Kg		09/17/24 13:30	09/20/24 02:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			09/17/24 13:30	09/20/24 02:06	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		8.8	mg/Kg		09/18/24 16:56	09/19/24 20:07	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		09/18/24 16:56	09/19/24 20:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	119		62 - 134			09/18/24 16:56	09/19/24 20:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		150	mg/Kg		09/19/24 08:31	09/20/24 11:09	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B28 0.5'

Lab Sample ID: 885-11908-28

Date Collected: 09/13/24 11:54

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 13:30	09/20/24 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/17/24 13:30	09/20/24 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		09/17/24 13:30	09/20/24 02:28	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 13:30	09/20/24 02:28	1
Toluene	ND		0.049	mg/Kg		09/17/24 13:30	09/20/24 02:28	1
Xylenes, Total	ND		0.098	mg/Kg		09/17/24 13:30	09/20/24 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			09/17/24 13:30	09/20/24 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]	19		9.5	mg/Kg		09/18/24 16:56	09/19/24 20:20	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/18/24 16:56	09/19/24 20:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	125		62 - 134			09/18/24 16:56	09/19/24 20:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		150	mg/Kg		09/19/24 08:31	09/20/24 11:22	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B29 0.5'

Lab Sample ID: 885-11908-29

Date Collected: 09/13/24 11:59

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 13:30	09/20/24 02:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		35 - 166			09/17/24 13:30	09/20/24 02:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/20/24 02:50	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 13:30	09/20/24 02:50	1
Toluene	ND		0.049	mg/Kg		09/17/24 13:30	09/20/24 02:50	1
Xylenes, Total	ND		0.098	mg/Kg		09/17/24 13:30	09/20/24 02:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			09/17/24 13:30	09/20/24 02:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/19/24 12:39	09/19/24 15:33	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/19/24 12:39	09/19/24 15:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			09/19/24 12:39	09/19/24 15:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		60	mg/Kg		09/19/24 14:25	09/19/24 15:49	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B30 0.5'

Lab Sample ID: 885-11908-30

Date Collected: 09/13/24 11:59

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 13:30	09/20/24 03:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			09/17/24 13:30	09/20/24 03:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/20/24 03:12	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 13:30	09/20/24 03:12	1
Toluene	ND		0.047	mg/Kg		09/17/24 13:30	09/20/24 03:12	1
Xylenes, Total	ND		0.094	mg/Kg		09/17/24 13:30	09/20/24 03:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			09/17/24 13:30	09/20/24 03:12	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]	11		9.4	mg/Kg		09/19/24 12:39	09/19/24 15:44	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/19/24 12:39	09/19/24 15:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			09/19/24 12:39	09/19/24 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3000		150	mg/Kg		09/19/24 14:25	09/20/24 13:30	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B31 0.5'

Lab Sample ID: 885-11908-31

Date Collected: 09/13/24 12:00

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 13:30	09/20/24 03:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		35 - 166			09/17/24 13:30	09/20/24 03:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 13:30	09/20/24 03:34	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 13:30	09/20/24 03:34	1
Toluene	ND		0.048	mg/Kg		09/17/24 13:30	09/20/24 03:34	1
Xylenes, Total	ND		0.096	mg/Kg		09/17/24 13:30	09/20/24 03:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			09/17/24 13:30	09/20/24 03:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		09/19/24 12:39	09/19/24 15:55	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/19/24 12:39	09/19/24 15:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			09/19/24 12:39	09/19/24 15:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		150	mg/Kg		09/19/24 14:25	09/20/24 13:43	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B32 0.5'

Lab Sample ID: 885-11908-32

Date Collected: 09/13/24 12:00

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/17/24 15:29	09/20/24 23:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			09/17/24 15:29	09/20/24 23:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 15:29	09/20/24 23:58	1
Ethylbenzene	ND		0.050	mg/Kg		09/17/24 15:29	09/20/24 23:58	1
Toluene	ND		0.050	mg/Kg		09/17/24 15:29	09/20/24 23:58	1
Xylenes, Total	ND		0.099	mg/Kg		09/17/24 15:29	09/20/24 23:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/17/24 15:29	09/20/24 23:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	27		9.5	mg/Kg		09/19/24 12:39	09/19/24 16:06	1
Motor Oil Range Organics [C28-C40]	58		47	mg/Kg		09/19/24 12:39	09/19/24 16:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			09/19/24 12:39	09/19/24 16:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		60	mg/Kg		09/19/24 14:25	09/19/24 17:18	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B33 0.5'

Lab Sample ID: 885-11908-33

Date Collected: 09/13/24 12:01

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 15:29	09/21/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			09/17/24 15:29	09/21/24 01:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 15:29	09/21/24 01:03	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 15:29	09/21/24 01:03	1
Toluene	ND		0.048	mg/Kg		09/17/24 15:29	09/21/24 01:03	1
Xylenes, Total	ND		0.096	mg/Kg		09/17/24 15:29	09/21/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/17/24 15:29	09/21/24 01:03	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]	43		9.5	mg/Kg		09/19/24 12:39	09/19/24 16:17	1
Motor Oil Range Organics [C28-C40]	73		48	mg/Kg		09/19/24 12:39	09/19/24 16:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/19/24 12:39	09/19/24 16:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		150	mg/Kg		09/19/24 14:25	09/20/24 13:56	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B34 0.5'

Lab Sample ID: 885-11908-34

Date Collected: 09/13/24 12:02

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 15:29	09/21/24 01:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			09/17/24 15:29	09/21/24 01:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/17/24 15:29	09/21/24 01:25	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 15:29	09/21/24 01:25	1
Toluene	ND		0.047	mg/Kg		09/17/24 15:29	09/21/24 01:25	1
Xylenes, Total	ND		0.094	mg/Kg		09/17/24 15:29	09/21/24 01:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			09/17/24 15:29	09/21/24 01:25	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]	53		9.1	mg/Kg		09/19/24 12:39	09/19/24 16:28	1
Motor Oil Range Organics [C28-C40]	88		45	mg/Kg		09/19/24 12:39	09/19/24 16:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/19/24 12:39	09/19/24 16:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		60	mg/Kg		09/19/24 14:25	09/19/24 17:44	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W1 0-0.5'

Lab Sample ID: 885-11908-35

Date Collected: 09/13/24 12:10

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 15:29	09/21/24 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			09/17/24 15:29	09/21/24 01:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 15:29	09/21/24 01:47	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 15:29	09/21/24 01:47	1
Toluene	ND		0.047	mg/Kg		09/17/24 15:29	09/21/24 01:47	1
Xylenes, Total	ND		0.094	mg/Kg		09/17/24 15:29	09/21/24 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			09/17/24 15:29	09/21/24 01:47	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]	79		9.6	mg/Kg		09/19/24 12:39	09/19/24 16:39	1
Motor Oil Range Organics [C28-C40]	110		48	mg/Kg		09/19/24 12:39	09/19/24 16:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/19/24 12:39	09/19/24 16:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		60	mg/Kg		09/19/24 14:25	09/19/24 17:57	20

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W2 0-0.5'

Lab Sample ID: 885-11908-36

Date Collected: 09/13/24 12:10

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 15:29	09/21/24 02:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/17/24 15:29	09/21/24 02:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 15:29	09/21/24 02:09	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 15:29	09/21/24 02:09	1
Toluene	ND		0.049	mg/Kg		09/17/24 15:29	09/21/24 02:09	1
Xylenes, Total	ND		0.098	mg/Kg		09/17/24 15:29	09/21/24 02:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/17/24 15:29	09/21/24 02:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	29		9.6	mg/Kg		09/19/24 12:39	09/19/24 16:50	1
Motor Oil Range Organics [C28-C40]	54		48	mg/Kg		09/19/24 12:39	09/19/24 16:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			09/19/24 12:39	09/19/24 16:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		150	mg/Kg		09/19/24 14:25	09/20/24 14:09	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W3 0-0.5'

Lab Sample ID: 885-11908-37

Date Collected: 09/13/24 12:11

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 15:29	09/21/24 02:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		35 - 166			09/17/24 15:29	09/21/24 02:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 15:29	09/21/24 02:30	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 15:29	09/21/24 02:30	1
Toluene	ND		0.049	mg/Kg		09/17/24 15:29	09/21/24 02:30	1
Xylenes, Total	ND		0.099	mg/Kg		09/17/24 15:29	09/21/24 02:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/17/24 15:29	09/21/24 02:30	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]	21		9.7	mg/Kg		09/19/24 12:39	09/19/24 17:11	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/19/24 12:39	09/19/24 17:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			09/19/24 12:39	09/19/24 17:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2600		150	mg/Kg		09/19/24 14:25	09/20/24 14:48	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W4 0-0.5'

Lab Sample ID: 885-11908-38

Date Collected: 09/13/24 12:12

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 15:29	09/21/24 03:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		35 - 166			09/17/24 15:29	09/21/24 03:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/17/24 15:29	09/21/24 03:14	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 15:29	09/21/24 03:14	1
Toluene	ND		0.047	mg/Kg		09/17/24 15:29	09/21/24 03:14	1
Xylenes, Total	ND		0.094	mg/Kg		09/17/24 15:29	09/21/24 03:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/17/24 15:29	09/21/24 03:14	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]	18		9.8	mg/Kg		09/19/24 12:39	09/19/24 17:22	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/19/24 12:39	09/19/24 17:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/19/24 12:39	09/19/24 17:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		150	mg/Kg		09/19/24 14:25	09/20/24 15:01	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W5 0-0.5'

Lab Sample ID: 885-11908-39

Date Collected: 09/13/24 12:13

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/17/24 15:29	09/21/24 03:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			09/17/24 15:29	09/21/24 03:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 15:29	09/21/24 03:36	1
Ethylbenzene	ND		0.049	mg/Kg		09/17/24 15:29	09/21/24 03:36	1
Toluene	ND		0.049	mg/Kg		09/17/24 15:29	09/21/24 03:36	1
Xylenes, Total	ND		0.099	mg/Kg		09/17/24 15:29	09/21/24 03:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/17/24 15:29	09/21/24 03:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	32		9.2	mg/Kg		09/19/24 12:39	09/19/24 17:33	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/19/24 12:39	09/19/24 17:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			09/19/24 12:39	09/19/24 17:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		150	mg/Kg		09/19/24 14:25	09/20/24 15:13	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W6 0-0.5'

Lab Sample ID: 885-11908-40

Date Collected: 09/13/24 12:14

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/17/24 15:29	09/21/24 03:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			09/17/24 15:29	09/21/24 03:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 15:29	09/21/24 03:57	1
Ethylbenzene	ND		0.048	mg/Kg		09/17/24 15:29	09/21/24 03:57	1
Toluene	ND		0.048	mg/Kg		09/17/24 15:29	09/21/24 03:57	1
Xylenes, Total	ND		0.096	mg/Kg		09/17/24 15:29	09/21/24 03:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/17/24 15:29	09/21/24 03:57	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]	26		9.5	mg/Kg		09/19/24 12:39	09/19/24 17:44	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/19/24 12:39	09/19/24 17:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			09/19/24 12:39	09/19/24 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		150	mg/Kg		09/19/24 14:25	09/20/24 15:26	50

Eurofins Albuquerque

Client Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W7 0-0.5'

Lab Sample ID: 885-11908-41

Date Collected: 09/13/24 12:14

Matrix: Solid

Date Received: 09/17/24 08:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/17/24 15:29	09/21/24 04:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			09/17/24 15:29	09/21/24 04:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/17/24 15:29	09/21/24 04:19	1
Ethylbenzene	ND		0.047	mg/Kg		09/17/24 15:29	09/21/24 04:19	1
Toluene	ND		0.047	mg/Kg		09/17/24 15:29	09/21/24 04:19	1
Xylenes, Total	ND		0.094	mg/Kg		09/17/24 15:29	09/21/24 04:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/17/24 15:29	09/21/24 04:19	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]	100		9.1	mg/Kg		09/19/24 12:39	09/19/24 17:56	1
Motor Oil Range Organics [C28-C40]	120		46	mg/Kg		09/19/24 12:39	09/19/24 17:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			09/19/24 12:39	09/19/24 17:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		150	mg/Kg		09/19/24 14:25	09/20/24 15:39	50

Eurofins Albuquerque

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

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

Lab Sample ID: MB 885-12397/1-A

Matrix: Solid

Analysis Batch: 12495

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12397

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/17/24 12:21	09/18/24 21:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/17/24 12:21	09/18/24 21:39	1

Lab Sample ID: LCS 885-12397/2-A

Matrix: Solid

Analysis Batch: 12495

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	23.2		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	203		35 - 166				

Lab Sample ID: MB 885-12408/1-A

Matrix: Solid

Analysis Batch: 12606

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12408

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/17/24 13:30	09/19/24 18:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			09/17/24 13:30	09/19/24 18:08	1

Lab Sample ID: LCS 885-12408/2-A

Matrix: Solid

Analysis Batch: 12606

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12408

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	26.3		mg/Kg		105	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	213		35 - 166				

Lab Sample ID: 885-11908-12 MS

Matrix: Solid

Analysis Batch: 12606

Client Sample ID: B12 0.5'

Prep Type: Total/NA

Prep Batch: 12408

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.7	25.8		mg/Kg		104	70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

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

Lab Sample ID: 885-11908-12 MS

Matrix: Solid

Analysis Batch: 12606

Client Sample ID: B12 0.5'

Prep Type: Total/NA

Prep Batch: 12408

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	220		35 - 166

Lab Sample ID: 885-11908-12 MSD

Matrix: Solid

Analysis Batch: 12606

Client Sample ID: B12 0.5'

Prep Type: Total/NA

Prep Batch: 12408

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.6	25.9		mg/Kg		105	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	219		35 - 166								

Lab Sample ID: MB 885-12424/1-A

Matrix: Solid

Analysis Batch: 12732

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12424

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/17/24 15:29	09/20/24 21:26	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
4-Bromofluorobenzene (Surr)	104		35 - 166			09/17/24 15:29	09/20/24 21:26	1

Lab Sample ID: LCS 885-12424/2-A

Matrix: Solid

Analysis Batch: 12732

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	25.9		mg/Kg		104	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
4-Bromofluorobenzene (Surr)	215	S1+	35 - 166				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-12397/1-A

Matrix: Solid

Analysis Batch: 12497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12397

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 12:21	09/18/24 21:39	1
Ethylbenzene	ND		0.050	mg/Kg		09/17/24 12:21	09/18/24 21:39	1
Toluene	ND		0.050	mg/Kg		09/17/24 12:21	09/18/24 21:39	1
Xylenes, Total	ND		0.10	mg/Kg		09/17/24 12:21	09/18/24 21:39	1

Eurofins Albuquerque

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

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

Lab Sample ID: MB 885-12397/1-A

Matrix: Solid

Analysis Batch: 12497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12397

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145	09/17/24 12:21	09/18/24 21:39	1

Lab Sample ID: LCS 885-12397/3-A

Matrix: Solid

Analysis Batch: 12497

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.880		mg/Kg		88	70 - 130
Ethylbenzene	1.00	0.826		mg/Kg		83	70 - 130
Toluene	1.00	0.848		mg/Kg		85	70 - 130
m,p-Xylene	2.00	1.67		mg/Kg		83	70 - 130
o-Xylene	1.00	0.796		mg/Kg		80	70 - 130
Xylenes, Total	3.00	2.47		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		48 - 145

Lab Sample ID: MB 885-12408/1-A

Matrix: Solid

Analysis Batch: 12608

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12408

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/17/24 13:30	09/19/24 18:08	1
Ethylbenzene	ND		0.050	mg/Kg		09/17/24 13:30	09/19/24 18:08	1
Toluene	ND		0.050	mg/Kg		09/17/24 13:30	09/19/24 18:08	1
Xylenes, Total	ND		0.10	mg/Kg		09/17/24 13:30	09/19/24 18:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145	09/17/24 13:30	09/19/24 18:08	1

Lab Sample ID: LCS 885-12408/3-A

Matrix: Solid

Analysis Batch: 12608

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12408

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.05		mg/Kg		105	70 - 130
Ethylbenzene	1.00	1.07		mg/Kg		107	70 - 130
Toluene	1.00	1.05		mg/Kg		105	70 - 130
m,p-Xylene	2.00	2.12		mg/Kg		106	70 - 130
o-Xylene	1.00	1.05		mg/Kg		105	70 - 130
Xylenes, Total	3.00	3.17		mg/Kg		106	70 - 130

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

Eurofins Albuquerque

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

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

Lab Sample ID: 885-11908-13 MS

Matrix: Solid

Analysis Batch: 12608

Client Sample ID: B13 0.5'

Prep Type: Total/NA

Prep Batch: 12408

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	ND		0.995	1.08		mg/Kg		109	70 - 130		
Ethylbenzene	ND		0.995	1.11		mg/Kg		111	70 - 130		
Toluene	ND		0.995	1.10		mg/Kg		110	70 - 130		
m,p-Xylene	ND		1.99	2.19		mg/Kg		110	70 - 130		
o-Xylene	ND		0.995	1.08		mg/Kg		108	70 - 130		
Xylenes, Total	ND		2.99	3.27		mg/Kg		110	70 - 130		

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

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

Lab Sample ID: LCS 885-12424/3-A

Matrix: Solid

Analysis Batch: 12845

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Xylenes, Total	3.00	3.03		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		48 - 145

Lab Sample ID: 885-11908-32 MS

Matrix: Solid

Analysis Batch: 12845

Client Sample ID: B32 0.5'

Prep Type: Total/NA

Prep Batch: 12424

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.999	1.01		mg/Kg		102	70 - 130
Ethylbenzene	ND		0.999	1.04		mg/Kg		104	70 - 130
Toluene	ND		0.999	1.03		mg/Kg		103	70 - 130
m,p-Xylene	ND		2.00	2.08		mg/Kg		104	70 - 130
o-Xylene	ND		0.999	1.01		mg/Kg		101	70 - 130
Xylenes, Total	ND		3.00	3.09		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		48 - 145

Lab Sample ID: 885-11908-32 MSD

Matrix: Solid

Analysis Batch: 12845

Client Sample ID: B32 0.5'

Prep Type: Total/NA

Prep Batch: 12424

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.997	1.00		mg/Kg		101	70 - 130	1	20
Ethylbenzene	ND		0.997	1.03		mg/Kg		103	70 - 130	1	20
Toluene	ND		0.997	1.02		mg/Kg		102	70 - 130	1	20
m,p-Xylene	ND		1.99	2.05		mg/Kg		103	70 - 130	1	20
o-Xylene	ND		0.997	1.01		mg/Kg		101	70 - 130	0	20
Xylenes, Total	ND		2.99	3.06		mg/Kg		102	70 - 130	1	20

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

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

Lab Sample ID: MB 885-12481/1-A

Matrix: Solid

Analysis Batch: 12470

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12481

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/18/24 11:56	09/18/24 15:51	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/18/24 11:56	09/18/24 15:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134	09/18/24 11:56	09/18/24 15:51	1

Eurofins Albuquerque

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

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

Lab Sample ID: LCS 885-12481/2-A

Matrix: Solid

Analysis Batch: 12470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12481

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Diesel Range Organics [C10-C28]			50.0	50.7		mg/Kg		101	60 - 135		
Surrogate	LCS		Limits	LCS							
	%Recovery	Qualifier									
Di-n-octyl phthalate (Surr)	104		62 - 134								

Lab Sample ID: 885-11908-11 MS

Matrix: Solid

Analysis Batch: 12470

Client Sample ID: B11 0.5'

Prep Type: Total/NA

Prep Batch: 12481

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Diesel Range Organics [C10-C28]	43	F2 F1	47.6	69.6		mg/Kg		56	44 - 136		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	103		62 - 134								

Lab Sample ID: 885-11908-11 MSD

Matrix: Solid

Analysis Batch: 12470

Client Sample ID: B11 0.5'

Prep Type: Total/NA

Prep Batch: 12481

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Diesel Range Organics [C10-C28]	43	F2 F1	42.2	48.4	F2 F1	mg/Kg		13	44 - 136	36	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	102		62 - 134								

Lab Sample ID: MB 885-12514/1-A

Matrix: Solid

Analysis Batch: 12539

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12514

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/18/24 16:56	09/19/24 15:44	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/18/24 16:56	09/19/24 15:44	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
Di-n-octyl phthalate (Surr)	117		62 - 134			09/18/24 16:56	09/19/24 15:44	1

Lab Sample ID: LCS 885-12514/2-A

Matrix: Solid

Analysis Batch: 12539

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	52.7		mg/Kg		105	60 - 135

Eurofins Albuquerque

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

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

Lab Sample ID: LCS 885-12514/2-A

Matrix: Solid

Analysis Batch: 12539

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12514

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Di-n-octyl phthalate (Surr)	120		62 - 134

Lab Sample ID: 885-11908-28 MS

Matrix: Solid

Analysis Batch: 12539

Client Sample ID: B28 0.5'

Prep Type: Total/NA

Prep Batch: 12514

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics [C10-C28]	19		47.3	54.4		mg/Kg		74	44 - 136	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Di-n-octyl phthalate (Surr)	135	S1+	62 - 134

Lab Sample ID: 885-11908-28 MSD

Matrix: Solid

Analysis Batch: 12539

Client Sample ID: B28 0.5'

Prep Type: Total/NA

Prep Batch: 12514

	Sample	Sample	Spike	MSD	MSD				%Rec	RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	19		48.4	51.0		mg/Kg		65	44 - 136	6	32

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Di-n-octyl phthalate (Surr)	123		62 - 134

Lab Sample ID: MB 885-12561/1-A

Matrix: Solid

Analysis Batch: 12540

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12561

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/19/24 12:39	09/19/24 15:12	1		
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/19/24 12:39	09/19/24 15:12	1		

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
Di-n-octyl phthalate (Surr)	89		62 - 134	09/19/24 12:39	09/19/24 15:12	1				

Lab Sample ID: LCS 885-12561/2-A

Matrix: Solid

Analysis Batch: 12540

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12561

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics [C10-C28]	50.0	41.6		mg/Kg		83	60 - 135		

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

Eurofins Albuquerque

QC Sample Results

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-12524/1-A

Matrix: Solid

Analysis Batch: 12575

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12524

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/19/24 07:48	09/19/24 08:04	1

Lab Sample ID: LCS 885-12524/2-A

Matrix: Solid

Analysis Batch: 12575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12524

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

Lab Sample ID: 885-11908-1 MS

Matrix: Solid

Analysis Batch: 12575

Client Sample ID: B1 0.5'

Prep Type: Total/NA

Prep Batch: 12524

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	63		30.2	93.2		mg/Kg		100	50 - 150

Lab Sample ID: 885-11908-1 MSD

Matrix: Solid

Analysis Batch: 12575

Client Sample ID: B1 0.5'

Prep Type: Total/NA

Prep Batch: 12524

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	63		30.3	96.4		mg/Kg		109	50 - 150	3	20

Lab Sample ID: MB 885-12530/1-A

Matrix: Solid

Analysis Batch: 12612

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12530

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/19/24 08:31	09/19/24 10:51	1

Lab Sample ID: LCS 885-12530/2-A

Matrix: Solid

Analysis Batch: 12612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	30.9		mg/Kg		103	90 - 110

Lab Sample ID: MB 885-12581/1-A

Matrix: Solid

Analysis Batch: 12575

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12581

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/19/24 14:25	09/19/24 15:18	1

Lab Sample ID: LCS 885-12581/2-A

Matrix: Solid

Analysis Batch: 12575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	31.3		mg/Kg		104	90 - 110

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

GC VOA

Prep Batch: 12397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-1	B1 0.5'	Total/NA	Solid	5030C	
885-11908-2	B2 0.5'	Total/NA	Solid	5030C	
885-11908-3	B3 0.5'	Total/NA	Solid	5030C	
885-11908-4	B4 0.5'	Total/NA	Solid	5030C	
885-11908-5	B5 0.5'	Total/NA	Solid	5030C	
885-11908-6	B6 0.5'	Total/NA	Solid	5030C	
885-11908-7	B7 0.5'	Total/NA	Solid	5030C	
885-11908-8	B8 0.5'	Total/NA	Solid	5030C	
885-11908-9	B9 0.5'	Total/NA	Solid	5030C	
885-11908-10	B10 0.5'	Total/NA	Solid	5030C	
885-11908-11	B11 0.5'	Total/NA	Solid	5030C	
MB 885-12397/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-12397/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-12397/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 12408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-12	B12 0.5'	Total/NA	Solid	5030C	
885-11908-13	B13 0.5'	Total/NA	Solid	5030C	
885-11908-14	B14 0.5'	Total/NA	Solid	5030C	
885-11908-15	B15 0.5'	Total/NA	Solid	5030C	
885-11908-16	B16 0.5'	Total/NA	Solid	5030C	
885-11908-17	B17 0.5'	Total/NA	Solid	5030C	
885-11908-18	B18 0.5'	Total/NA	Solid	5030C	
885-11908-19	B19 0.5'	Total/NA	Solid	5030C	
885-11908-20	B20 0.5'	Total/NA	Solid	5030C	
885-11908-21	B21 0.5'	Total/NA	Solid	5030C	
885-11908-22	B22 0.5'	Total/NA	Solid	5030C	
885-11908-23	B23 0.5'	Total/NA	Solid	5030C	
885-11908-24	B24 0.5'	Total/NA	Solid	5030C	
885-11908-25	B25 0.5'	Total/NA	Solid	5030C	
885-11908-26	B26 0.5'	Total/NA	Solid	5030C	
885-11908-27	B27 0.5'	Total/NA	Solid	5030C	
885-11908-28	B28 0.5'	Total/NA	Solid	5030C	
885-11908-29	B29 0.5'	Total/NA	Solid	5030C	
885-11908-30	B30 0.5'	Total/NA	Solid	5030C	
885-11908-31	B31 0.5'	Total/NA	Solid	5030C	
MB 885-12408/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-12408/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-12408/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-11908-12 MS	B12 0.5'	Total/NA	Solid	5030C	
885-11908-12 MSD	B12 0.5'	Total/NA	Solid	5030C	
885-11908-13 MS	B13 0.5'	Total/NA	Solid	5030C	
885-11908-13 MSD	B13 0.5'	Total/NA	Solid	5030C	

Prep Batch: 12424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-32	B32 0.5'	Total/NA	Solid	5030C	
885-11908-33	B33 0.5'	Total/NA	Solid	5030C	
885-11908-34	B34 0.5'	Total/NA	Solid	5030C	
885-11908-35	W1 0-0.5'	Total/NA	Solid	5030C	

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

GC VOA (Continued)

Prep Batch: 12424 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-36	W2 0-0.5'	Total/NA	Solid	5030C	
885-11908-37	W3 0-0.5'	Total/NA	Solid	5030C	
885-11908-38	W4 0-0.5'	Total/NA	Solid	5030C	
885-11908-39	W5 0-0.5'	Total/NA	Solid	5030C	
885-11908-40	W6 0-0.5'	Total/NA	Solid	5030C	
885-11908-41	W7 0-0.5'	Total/NA	Solid	5030C	
MB 885-12424/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-12424/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-12424/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-11908-32 MS	B32 0.5'	Total/NA	Solid	5030C	
885-11908-32 MSD	B32 0.5'	Total/NA	Solid	5030C	

Analysis Batch: 12495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-1	B1 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-2	B2 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-3	B3 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-4	B4 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-5	B5 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-6	B6 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-7	B7 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-8	B8 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-9	B9 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-10	B10 0.5'	Total/NA	Solid	8015M/D	12397
885-11908-11	B11 0.5'	Total/NA	Solid	8015M/D	12397
MB 885-12397/1-A	Method Blank	Total/NA	Solid	8015M/D	12397
LCS 885-12397/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12397

Analysis Batch: 12497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-1	B1 0.5'	Total/NA	Solid	8021B	12397
885-11908-2	B2 0.5'	Total/NA	Solid	8021B	12397
885-11908-3	B3 0.5'	Total/NA	Solid	8021B	12397
885-11908-4	B4 0.5'	Total/NA	Solid	8021B	12397
885-11908-5	B5 0.5'	Total/NA	Solid	8021B	12397
885-11908-6	B6 0.5'	Total/NA	Solid	8021B	12397
885-11908-7	B7 0.5'	Total/NA	Solid	8021B	12397
885-11908-8	B8 0.5'	Total/NA	Solid	8021B	12397
885-11908-9	B9 0.5'	Total/NA	Solid	8021B	12397
885-11908-10	B10 0.5'	Total/NA	Solid	8021B	12397
885-11908-11	B11 0.5'	Total/NA	Solid	8021B	12397
MB 885-12397/1-A	Method Blank	Total/NA	Solid	8021B	12397
LCS 885-12397/3-A	Lab Control Sample	Total/NA	Solid	8021B	12397

Analysis Batch: 12606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-12	B12 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-13	B13 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-14	B14 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-15	B15 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-16	B16 0.5'	Total/NA	Solid	8015M/D	12408

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

GC VOA (Continued)

Analysis Batch: 12606 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-17	B17 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-18	B18 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-19	B19 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-20	B20 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-21	B21 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-22	B22 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-23	B23 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-24	B24 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-25	B25 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-26	B26 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-27	B27 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-28	B28 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-29	B29 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-30	B30 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-31	B31 0.5'	Total/NA	Solid	8015M/D	12408
MB 885-12408/1-A	Method Blank	Total/NA	Solid	8015M/D	12408
LCS 885-12408/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12408
885-11908-12 MS	B12 0.5'	Total/NA	Solid	8015M/D	12408
885-11908-12 MSD	B12 0.5'	Total/NA	Solid	8015M/D	12408

Analysis Batch: 12608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-12	B12 0.5'	Total/NA	Solid	8021B	12408
885-11908-13	B13 0.5'	Total/NA	Solid	8021B	12408
885-11908-14	B14 0.5'	Total/NA	Solid	8021B	12408
885-11908-15	B15 0.5'	Total/NA	Solid	8021B	12408
885-11908-16	B16 0.5'	Total/NA	Solid	8021B	12408
885-11908-17	B17 0.5'	Total/NA	Solid	8021B	12408
885-11908-18	B18 0.5'	Total/NA	Solid	8021B	12408
885-11908-19	B19 0.5'	Total/NA	Solid	8021B	12408
885-11908-20	B20 0.5'	Total/NA	Solid	8021B	12408
885-11908-21	B21 0.5'	Total/NA	Solid	8021B	12408
885-11908-22	B22 0.5'	Total/NA	Solid	8021B	12408
885-11908-23	B23 0.5'	Total/NA	Solid	8021B	12408
885-11908-24	B24 0.5'	Total/NA	Solid	8021B	12408
885-11908-25	B25 0.5'	Total/NA	Solid	8021B	12408
885-11908-26	B26 0.5'	Total/NA	Solid	8021B	12408
885-11908-27	B27 0.5'	Total/NA	Solid	8021B	12408
885-11908-28	B28 0.5'	Total/NA	Solid	8021B	12408
885-11908-29	B29 0.5'	Total/NA	Solid	8021B	12408
885-11908-30	B30 0.5'	Total/NA	Solid	8021B	12408
885-11908-31	B31 0.5'	Total/NA	Solid	8021B	12408
MB 885-12408/1-A	Method Blank	Total/NA	Solid	8021B	12408
LCS 885-12408/3-A	Lab Control Sample	Total/NA	Solid	8021B	12408
885-11908-13 MS	B13 0.5'	Total/NA	Solid	8021B	12408
885-11908-13 MSD	B13 0.5'	Total/NA	Solid	8021B	12408

Analysis Batch: 12732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-32	B32 0.5'	Total/NA	Solid	8015M/D	12424
885-11908-33	B33 0.5'	Total/NA	Solid	8015M/D	12424

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

GC VOA (Continued)

Analysis Batch: 12732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-34	B34 0.5'	Total/NA	Solid	8015M/D	12424
885-11908-35	W1 0-0.5'	Total/NA	Solid	8015M/D	12424
885-11908-36	W2 0-0.5'	Total/NA	Solid	8015M/D	12424
885-11908-37	W3 0-0.5'	Total/NA	Solid	8015M/D	12424
885-11908-38	W4 0-0.5'	Total/NA	Solid	8015M/D	12424
885-11908-39	W5 0-0.5'	Total/NA	Solid	8015M/D	12424
885-11908-40	W6 0-0.5'	Total/NA	Solid	8015M/D	12424
885-11908-41	W7 0-0.5'	Total/NA	Solid	8015M/D	12424
MB 885-12424/1-A	Method Blank	Total/NA	Solid	8015M/D	12424
LCS 885-12424/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12424

Analysis Batch: 12845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-32	B32 0.5'	Total/NA	Solid	8021B	12424
885-11908-33	B33 0.5'	Total/NA	Solid	8021B	12424
885-11908-34	B34 0.5'	Total/NA	Solid	8021B	12424
885-11908-35	W1 0-0.5'	Total/NA	Solid	8021B	12424
885-11908-36	W2 0-0.5'	Total/NA	Solid	8021B	12424
885-11908-37	W3 0-0.5'	Total/NA	Solid	8021B	12424
885-11908-38	W4 0-0.5'	Total/NA	Solid	8021B	12424
885-11908-39	W5 0-0.5'	Total/NA	Solid	8021B	12424
885-11908-40	W6 0-0.5'	Total/NA	Solid	8021B	12424
885-11908-41	W7 0-0.5'	Total/NA	Solid	8021B	12424
MB 885-12424/1-A	Method Blank	Total/NA	Solid	8021B	12424
LCS 885-12424/3-A	Lab Control Sample	Total/NA	Solid	8021B	12424
885-11908-32 MS	B32 0.5'	Total/NA	Solid	8021B	12424
885-11908-32 MSD	B32 0.5'	Total/NA	Solid	8021B	12424

GC Semi VOA

Analysis Batch: 12470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-1	B1 0.5'	Total/NA	Solid	8015M/D	12481
885-11908-2	B2 0.5'	Total/NA	Solid	8015M/D	12481
885-11908-3	B3 0.5'	Total/NA	Solid	8015M/D	12481
885-11908-4	B4 0.5'	Total/NA	Solid	8015M/D	12481
885-11908-5	B5 0.5'	Total/NA	Solid	8015M/D	12481
885-11908-6	B6 0.5'	Total/NA	Solid	8015M/D	12481
885-11908-7	B7 0.5'	Total/NA	Solid	8015M/D	12481
885-11908-11	B11 0.5'	Total/NA	Solid	8015M/D	12481
MB 885-12481/1-A	Method Blank	Total/NA	Solid	8015M/D	12481
LCS 885-12481/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12481
885-11908-11 MS	B11 0.5'	Total/NA	Solid	8015M/D	12481
885-11908-11 MSD	B11 0.5'	Total/NA	Solid	8015M/D	12481

Prep Batch: 12481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-1	B1 0.5'	Total/NA	Solid	SHAKE	
885-11908-2	B2 0.5'	Total/NA	Solid	SHAKE	
885-11908-3	B3 0.5'	Total/NA	Solid	SHAKE	
885-11908-4	B4 0.5'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

GC Semi VOA (Continued)

Prep Batch: 12481 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-5	B5 0.5'	Total/NA	Solid	SHAKE	
885-11908-6	B6 0.5'	Total/NA	Solid	SHAKE	
885-11908-7	B7 0.5'	Total/NA	Solid	SHAKE	
885-11908-11	B11 0.5'	Total/NA	Solid	SHAKE	
MB 885-12481/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-12481/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-11908-11 MS	B11 0.5'	Total/NA	Solid	SHAKE	
885-11908-11 MSD	B11 0.5'	Total/NA	Solid	SHAKE	

Prep Batch: 12514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-8	B8 0.5'	Total/NA	Solid	SHAKE	
885-11908-9	B9 0.5'	Total/NA	Solid	SHAKE	
885-11908-10	B10 0.5'	Total/NA	Solid	SHAKE	
885-11908-12	B12 0.5'	Total/NA	Solid	SHAKE	
885-11908-13	B13 0.5'	Total/NA	Solid	SHAKE	
885-11908-14	B14 0.5'	Total/NA	Solid	SHAKE	
885-11908-15	B15 0.5'	Total/NA	Solid	SHAKE	
885-11908-16	B16 0.5'	Total/NA	Solid	SHAKE	
885-11908-17	B17 0.5'	Total/NA	Solid	SHAKE	
885-11908-18	B18 0.5'	Total/NA	Solid	SHAKE	
885-11908-19	B19 0.5'	Total/NA	Solid	SHAKE	
885-11908-20	B20 0.5'	Total/NA	Solid	SHAKE	
885-11908-21	B21 0.5'	Total/NA	Solid	SHAKE	
885-11908-22	B22 0.5'	Total/NA	Solid	SHAKE	
885-11908-23	B23 0.5'	Total/NA	Solid	SHAKE	
885-11908-24	B24 0.5'	Total/NA	Solid	SHAKE	
885-11908-25	B25 0.5'	Total/NA	Solid	SHAKE	
885-11908-26	B26 0.5'	Total/NA	Solid	SHAKE	
885-11908-27	B27 0.5'	Total/NA	Solid	SHAKE	
885-11908-28	B28 0.5'	Total/NA	Solid	SHAKE	
MB 885-12514/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-12514/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-11908-28 MS	B28 0.5'	Total/NA	Solid	SHAKE	
885-11908-28 MSD	B28 0.5'	Total/NA	Solid	SHAKE	

Analysis Batch: 12539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-8	B8 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-9	B9 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-10	B10 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-12	B12 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-13	B13 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-14	B14 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-15	B15 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-16	B16 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-17	B17 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-18	B18 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-19	B19 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-20	B20 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-21	B21 0.5'	Total/NA	Solid	8015M/D	12514

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

GC Semi VOA (Continued)

Analysis Batch: 12539 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-22	B22 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-25	B25 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-26	B26 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-27	B27 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-28	B28 0.5'	Total/NA	Solid	8015M/D	12514
MB 885-12514/1-A	Method Blank	Total/NA	Solid	8015M/D	12514
LCS 885-12514/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12514
885-11908-28 MS	B28 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-28 MSD	B28 0.5'	Total/NA	Solid	8015M/D	12514

Analysis Batch: 12540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-29	B29 0.5'	Total/NA	Solid	8015M/D	12561
885-11908-30	B30 0.5'	Total/NA	Solid	8015M/D	12561
885-11908-31	B31 0.5'	Total/NA	Solid	8015M/D	12561
885-11908-32	B32 0.5'	Total/NA	Solid	8015M/D	12561
885-11908-33	B33 0.5'	Total/NA	Solid	8015M/D	12561
885-11908-34	B34 0.5'	Total/NA	Solid	8015M/D	12561
885-11908-35	W1 0-0.5'	Total/NA	Solid	8015M/D	12561
885-11908-36	W2 0-0.5'	Total/NA	Solid	8015M/D	12561
885-11908-37	W3 0-0.5'	Total/NA	Solid	8015M/D	12561
885-11908-38	W4 0-0.5'	Total/NA	Solid	8015M/D	12561
885-11908-39	W5 0-0.5'	Total/NA	Solid	8015M/D	12561
885-11908-40	W6 0-0.5'	Total/NA	Solid	8015M/D	12561
885-11908-41	W7 0-0.5'	Total/NA	Solid	8015M/D	12561
MB 885-12561/1-A	Method Blank	Total/NA	Solid	8015M/D	12561
LCS 885-12561/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12561

Prep Batch: 12561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-29	B29 0.5'	Total/NA	Solid	SHAKE	
885-11908-30	B30 0.5'	Total/NA	Solid	SHAKE	
885-11908-31	B31 0.5'	Total/NA	Solid	SHAKE	
885-11908-32	B32 0.5'	Total/NA	Solid	SHAKE	
885-11908-33	B33 0.5'	Total/NA	Solid	SHAKE	
885-11908-34	B34 0.5'	Total/NA	Solid	SHAKE	
885-11908-35	W1 0-0.5'	Total/NA	Solid	SHAKE	
885-11908-36	W2 0-0.5'	Total/NA	Solid	SHAKE	
885-11908-37	W3 0-0.5'	Total/NA	Solid	SHAKE	
885-11908-38	W4 0-0.5'	Total/NA	Solid	SHAKE	
885-11908-39	W5 0-0.5'	Total/NA	Solid	SHAKE	
885-11908-40	W6 0-0.5'	Total/NA	Solid	SHAKE	
885-11908-41	W7 0-0.5'	Total/NA	Solid	SHAKE	
MB 885-12561/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-12561/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 12602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-23	B23 0.5'	Total/NA	Solid	8015M/D	12514
885-11908-24	B24 0.5'	Total/NA	Solid	8015M/D	12514

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

HPLC/IC

Prep Batch: 12524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-1	B1 0.5'	Total/NA	Solid	300_Prep	
885-11908-2	B2 0.5'	Total/NA	Solid	300_Prep	
885-11908-3	B3 0.5'	Total/NA	Solid	300_Prep	
885-11908-4	B4 0.5'	Total/NA	Solid	300_Prep	
885-11908-5	B5 0.5'	Total/NA	Solid	300_Prep	
885-11908-6	B6 0.5'	Total/NA	Solid	300_Prep	
885-11908-7	B7 0.5'	Total/NA	Solid	300_Prep	
885-11908-8	B8 0.5'	Total/NA	Solid	300_Prep	
MB 885-12524/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-12524/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-11908-1 MS	B1 0.5'	Total/NA	Solid	300_Prep	
885-11908-1 MSD	B1 0.5'	Total/NA	Solid	300_Prep	

Prep Batch: 12530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-9	B9 0.5'	Total/NA	Solid	300_Prep	
885-11908-10	B10 0.5'	Total/NA	Solid	300_Prep	
885-11908-11	B11 0.5'	Total/NA	Solid	300_Prep	
885-11908-12	B12 0.5'	Total/NA	Solid	300_Prep	
885-11908-13	B13 0.5'	Total/NA	Solid	300_Prep	
885-11908-14	B14 0.5'	Total/NA	Solid	300_Prep	
885-11908-15	B15 0.5'	Total/NA	Solid	300_Prep	
885-11908-16	B16 0.5'	Total/NA	Solid	300_Prep	
885-11908-17	B17 0.5'	Total/NA	Solid	300_Prep	
885-11908-18	B18 0.5'	Total/NA	Solid	300_Prep	
885-11908-19	B19 0.5'	Total/NA	Solid	300_Prep	
885-11908-20	B20 0.5'	Total/NA	Solid	300_Prep	
885-11908-21	B21 0.5'	Total/NA	Solid	300_Prep	
885-11908-22	B22 0.5'	Total/NA	Solid	300_Prep	
885-11908-23	B23 0.5'	Total/NA	Solid	300_Prep	
885-11908-24	B24 0.5'	Total/NA	Solid	300_Prep	
885-11908-25	B25 0.5'	Total/NA	Solid	300_Prep	
885-11908-26	B26 0.5'	Total/NA	Solid	300_Prep	
885-11908-27	B27 0.5'	Total/NA	Solid	300_Prep	
885-11908-28	B28 0.5'	Total/NA	Solid	300_Prep	
MB 885-12530/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-12530/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 12575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-1	B1 0.5'	Total/NA	Solid	300.0	12524
885-11908-2	B2 0.5'	Total/NA	Solid	300.0	12524
885-11908-6	B6 0.5'	Total/NA	Solid	300.0	12524
885-11908-29	B29 0.5'	Total/NA	Solid	300.0	12581
885-11908-32	B32 0.5'	Total/NA	Solid	300.0	12581
885-11908-34	B34 0.5'	Total/NA	Solid	300.0	12581
885-11908-35	W1 0-0.5'	Total/NA	Solid	300.0	12581
MB 885-12524/1-A	Method Blank	Total/NA	Solid	300.0	12524
MB 885-12581/1-A	Method Blank	Total/NA	Solid	300.0	12581
LCS 885-12524/2-A	Lab Control Sample	Total/NA	Solid	300.0	12524
LCS 885-12581/2-A	Lab Control Sample	Total/NA	Solid	300.0	12581

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

HPLC/IC (Continued)

Analysis Batch: 12575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-1 MS	B1 0.5'	Total/NA	Solid	300.0	12524
885-11908-1 MSD	B1 0.5'	Total/NA	Solid	300.0	12524

Prep Batch: 12581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-29	B29 0.5'	Total/NA	Solid	300_Prep	
885-11908-30	B30 0.5'	Total/NA	Solid	300_Prep	
885-11908-31	B31 0.5'	Total/NA	Solid	300_Prep	
885-11908-32	B32 0.5'	Total/NA	Solid	300_Prep	
885-11908-33	B33 0.5'	Total/NA	Solid	300_Prep	
885-11908-34	B34 0.5'	Total/NA	Solid	300_Prep	
885-11908-35	W1 0-0.5'	Total/NA	Solid	300_Prep	
885-11908-36	W2 0-0.5'	Total/NA	Solid	300_Prep	
885-11908-37	W3 0-0.5'	Total/NA	Solid	300_Prep	
885-11908-38	W4 0-0.5'	Total/NA	Solid	300_Prep	
885-11908-39	W5 0-0.5'	Total/NA	Solid	300_Prep	
885-11908-40	W6 0-0.5'	Total/NA	Solid	300_Prep	
885-11908-41	W7 0-0.5'	Total/NA	Solid	300_Prep	
MB 885-12581/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-12581/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 12612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-16	B16 0.5'	Total/NA	Solid	300.0	12530
885-11908-17	B17 0.5'	Total/NA	Solid	300.0	12530
885-11908-18	B18 0.5'	Total/NA	Solid	300.0	12530
885-11908-19	B19 0.5'	Total/NA	Solid	300.0	12530
885-11908-20	B20 0.5'	Total/NA	Solid	300.0	12530
885-11908-23	B23 0.5'	Total/NA	Solid	300.0	12530
885-11908-24	B24 0.5'	Total/NA	Solid	300.0	12530
885-11908-25	B25 0.5'	Total/NA	Solid	300.0	12530
885-11908-26	B26 0.5'	Total/NA	Solid	300.0	12530
MB 885-12530/1-A	Method Blank	Total/NA	Solid	300.0	12530
LCS 885-12530/2-A	Lab Control Sample	Total/NA	Solid	300.0	12530

Analysis Batch: 12761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-3	B3 0.5'	Total/NA	Solid	300.0	12524
885-11908-4	B4 0.5'	Total/NA	Solid	300.0	12524
885-11908-5	B5 0.5'	Total/NA	Solid	300.0	12524
885-11908-7	B7 0.5'	Total/NA	Solid	300.0	12524
885-11908-8	B8 0.5'	Total/NA	Solid	300.0	12524
885-11908-9	B9 0.5'	Total/NA	Solid	300.0	12530
885-11908-10	B10 0.5'	Total/NA	Solid	300.0	12530
885-11908-11	B11 0.5'	Total/NA	Solid	300.0	12530
885-11908-12	B12 0.5'	Total/NA	Solid	300.0	12530
885-11908-13	B13 0.5'	Total/NA	Solid	300.0	12530
885-11908-14	B14 0.5'	Total/NA	Solid	300.0	12530
885-11908-15	B15 0.5'	Total/NA	Solid	300.0	12530
885-11908-21	B21 0.5'	Total/NA	Solid	300.0	12530
885-11908-22	B22 0.5'	Total/NA	Solid	300.0	12530

Eurofins Albuquerque

QC Association Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

HPLC/IC (Continued)

Analysis Batch: 12761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11908-27	B27 0.5'	Total/NA	Solid	300.0	12530
885-11908-28	B28 0.5'	Total/NA	Solid	300.0	12530
885-11908-30	B30 0.5'	Total/NA	Solid	300.0	12581
885-11908-31	B31 0.5'	Total/NA	Solid	300.0	12581
885-11908-33	B33 0.5'	Total/NA	Solid	300.0	12581
885-11908-36	W2 0-0.5'	Total/NA	Solid	300.0	12581
885-11908-37	W3 0-0.5'	Total/NA	Solid	300.0	12581
885-11908-38	W4 0-0.5'	Total/NA	Solid	300.0	12581
885-11908-39	W5 0-0.5'	Total/NA	Solid	300.0	12581
885-11908-40	W6 0-0.5'	Total/NA	Solid	300.0	12581
885-11908-41	W7 0-0.5'	Total/NA	Solid	300.0	12581

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B1 0.5'

Lab Sample ID: 885-11908-1

Date Collected: 09/13/24 11:30

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 03:08
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 03:08
Total/NA	Prep	SHAKE			12481	KR	EET ALB	09/18/24 11:56
Total/NA	Analysis	8015M/D		1	12470	KR	EET ALB	09/18/24 19:10
Total/NA	Prep	300_Prep			12524	JT	EET ALB	09/19/24 07:48
Total/NA	Analysis	300.0		20	12575	JT	EET ALB	09/19/24 09:09

Client Sample ID: B2 0.5'

Lab Sample ID: 885-11908-2

Date Collected: 09/13/24 11:30

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 03:55
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 03:55
Total/NA	Prep	SHAKE			12481	KR	EET ALB	09/18/24 11:56
Total/NA	Analysis	8015M/D		1	12470	KR	EET ALB	09/18/24 19:23
Total/NA	Prep	300_Prep			12524	JT	EET ALB	09/19/24 07:48
Total/NA	Analysis	300.0		20	12575	JT	EET ALB	09/19/24 09:48

Client Sample ID: B3 0.5'

Lab Sample ID: 885-11908-3

Date Collected: 09/13/24 11:31

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 04:19
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 04:19
Total/NA	Prep	SHAKE			12481	KR	EET ALB	09/18/24 11:56
Total/NA	Analysis	8015M/D		1	12470	KR	EET ALB	09/18/24 19:36
Total/NA	Prep	300_Prep			12524	JT	EET ALB	09/19/24 07:48
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 12:26

Client Sample ID: B4 0.5'

Lab Sample ID: 885-11908-4

Date Collected: 09/13/24 11:32

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 04:42

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B4 0.5'

Lab Sample ID: 885-11908-4

Date Collected: 09/13/24 11:32

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 04:42
Total/NA	Prep	SHAKE			12481	KR	EET ALB	09/18/24 11:56
Total/NA	Analysis	8015M/D		1	12470	KR	EET ALB	09/18/24 19:49
Total/NA	Prep	300_Prep			12524	JT	EET ALB	09/19/24 07:48
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 12:39

Client Sample ID: B5 0.5'

Lab Sample ID: 885-11908-5

Date Collected: 09/13/24 11:32

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 05:06
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 05:06
Total/NA	Prep	SHAKE			12481	KR	EET ALB	09/18/24 11:56
Total/NA	Analysis	8015M/D		1	12470	KR	EET ALB	09/18/24 20:03
Total/NA	Prep	300_Prep			12524	JT	EET ALB	09/19/24 07:48
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 12:52

Client Sample ID: B6 0.5'

Lab Sample ID: 885-11908-6

Date Collected: 09/13/24 11:33

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 05:29
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 05:29
Total/NA	Prep	SHAKE			12481	KR	EET ALB	09/18/24 11:56
Total/NA	Analysis	8015M/D		1	12470	KR	EET ALB	09/18/24 20:16
Total/NA	Prep	300_Prep			12524	JT	EET ALB	09/19/24 07:48
Total/NA	Analysis	300.0		20	12575	JT	EET ALB	09/19/24 14:05

Client Sample ID: B7 0.5'

Lab Sample ID: 885-11908-7

Date Collected: 09/13/24 11:33

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 05:53
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 05:53

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B7 0.5'

Lab Sample ID: 885-11908-7

Date Collected: 09/13/24 11:33

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			12481	KR	EET ALB	09/18/24 11:56
Total/NA	Analysis	8015M/D		1	12470	KR	EET ALB	09/18/24 20:29
Total/NA	Prep	300_Prep			12524	JT	EET ALB	09/19/24 07:48
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 13:05

Client Sample ID: B8 0.5'

Lab Sample ID: 885-11908-8

Date Collected: 09/13/24 11:38

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 06:16
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 06:16
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 16:08
Total/NA	Prep	300_Prep			12524	JT	EET ALB	09/19/24 07:48
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 13:18

Client Sample ID: B9 0.5'

Lab Sample ID: 885-11908-9

Date Collected: 09/13/24 11:38

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 06:40
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 06:40
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 16:20
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 09:39

Client Sample ID: B10 0.5'

Lab Sample ID: 885-11908-10

Date Collected: 09/13/24 11:39

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 07:03
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 07:03
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 16:32

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B10 0.5'

Lab Sample ID: 885-11908-10

Date Collected: 09/13/24 11:39

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		100	12761	EH	EET ALB	09/20/24 11:35

Client Sample ID: B11 0.5'

Lab Sample ID: 885-11908-11

Date Collected: 09/13/24 11:39

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/19/24 07:27
Total/NA	Prep	5030C			12397	JP	EET ALB	09/17/24 12:21
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/19/24 07:27
Total/NA	Prep	SHAKE			12481	KR	EET ALB	09/18/24 11:56
Total/NA	Analysis	8015M/D		1	12470	KR	EET ALB	09/18/24 20:42
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 09:52

Client Sample ID: B12 0.5'

Lab Sample ID: 885-11908-12

Date Collected: 09/13/24 11:39

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 18:30
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 18:30
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 16:44
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 10:05

Client Sample ID: B13 0.5'

Lab Sample ID: 885-11908-13

Date Collected: 09/13/24 11:41

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 19:35
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 19:35
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 16:56
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 10:17

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B14 0.5'

Lab Sample ID: 885-11908-14

Date Collected: 09/13/24 11:44

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 20:41
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 20:41
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 17:08
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 10:30

Client Sample ID: B15 0.5'

Lab Sample ID: 885-11908-15

Date Collected: 09/13/24 11:44

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 21:02
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 21:02
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 17:21
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		100	12761	EH	EET ALB	09/20/24 12:13

Client Sample ID: B16 0.5'

Lab Sample ID: 885-11908-16

Date Collected: 09/13/24 11:45

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 21:46
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 21:46
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 17:33
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 14:30

Client Sample ID: B17 0.5'

Lab Sample ID: 885-11908-17

Date Collected: 09/13/24 11:45

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 22:07

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B17 0.5'

Lab Sample ID: 885-11908-17

Date Collected: 09/13/24 11:45

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 22:07
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 17:45
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 14:43

Client Sample ID: B18 0.5'

Lab Sample ID: 885-11908-18

Date Collected: 09/13/24 11:46

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 22:29
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 22:29
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 17:57
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 14:56

Client Sample ID: B19 0.5'

Lab Sample ID: 885-11908-19

Date Collected: 09/13/24 11:47

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 22:51
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 22:51
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 18:23
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 15:09

Client Sample ID: B20 0.5'

Lab Sample ID: 885-11908-20

Date Collected: 09/13/24 11:48

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 23:12
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 23:12

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B20 0.5'

Lab Sample ID: 885-11908-20

Date Collected: 09/13/24 11:48

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 18:36
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 15:22

Client Sample ID: B21 0.5'

Lab Sample ID: 885-11908-21

Date Collected: 09/13/24 11:48

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/19/24 23:34
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/19/24 23:34
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 18:49
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 10:43

Client Sample ID: B22 0.5'

Lab Sample ID: 885-11908-22

Date Collected: 09/13/24 11:50

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 00:18
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 00:18
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 19:02
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 10:56

Client Sample ID: B23 0.5'

Lab Sample ID: 885-11908-23

Date Collected: 09/13/24 11:51

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 00:39
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 00:39
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12602	KR	EET ALB	09/20/24 10:35

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B23 0.5'

Lab Sample ID: 885-11908-23

Date Collected: 09/13/24 11:51

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 16:01

Client Sample ID: B24 0.5'

Lab Sample ID: 885-11908-24

Date Collected: 09/13/24 11:51

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 01:01
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 01:01
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12602	KR	EET ALB	09/20/24 11:00
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 16:14

Client Sample ID: B25 0.5'

Lab Sample ID: 885-11908-25

Date Collected: 09/13/24 11:52

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 01:23
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 01:23
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 19:41
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 16:27

Client Sample ID: B26 0.5'

Lab Sample ID: 885-11908-26

Date Collected: 09/13/24 11:53

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 01:45
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 01:45
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 19:54
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		20	12612	EH	EET ALB	09/19/24 17:05

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B27 0.5'

Lab Sample ID: 885-11908-27

Date Collected: 09/13/24 11:54

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 02:06
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 02:06
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 20:07
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 11:09

Client Sample ID: B28 0.5'

Lab Sample ID: 885-11908-28

Date Collected: 09/13/24 11:54

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 02:28
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 02:28
Total/NA	Prep	SHAKE			12514	KR	EET ALB	09/18/24 16:56
Total/NA	Analysis	8015M/D		1	12539	KR	EET ALB	09/19/24 20:20
Total/NA	Prep	300_Prep			12530	JT	EET ALB	09/19/24 08:31
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 11:22

Client Sample ID: B29 0.5'

Lab Sample ID: 885-11908-29

Date Collected: 09/13/24 11:59

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 02:50
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 02:50
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 15:33
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		20	12575	JT	EET ALB	09/19/24 15:49

Client Sample ID: B30 0.5'

Lab Sample ID: 885-11908-30

Date Collected: 09/13/24 11:59

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 03:12

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B30 0.5'

Lab Sample ID: 885-11908-30

Date Collected: 09/13/24 11:59

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 03:12
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 15:44
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 13:30

Client Sample ID: B31 0.5'

Lab Sample ID: 885-11908-31

Date Collected: 09/13/24 12:00

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8015M/D		1	12606	AT	EET ALB	09/20/24 03:34
Total/NA	Prep	5030C			12408	JP	EET ALB	09/17/24 13:30
Total/NA	Analysis	8021B		1	12608	AT	EET ALB	09/20/24 03:34
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 15:55
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 13:43

Client Sample ID: B32 0.5'

Lab Sample ID: 885-11908-32

Date Collected: 09/13/24 12:00

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/20/24 23:58
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/20/24 23:58
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 16:06
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		20	12575	JT	EET ALB	09/19/24 17:18

Client Sample ID: B33 0.5'

Lab Sample ID: 885-11908-33

Date Collected: 09/13/24 12:01

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 01:03
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 01:03

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: B33 0.5'

Lab Sample ID: 885-11908-33

Date Collected: 09/13/24 12:01

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 16:17
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 13:56

Client Sample ID: B34 0.5'

Lab Sample ID: 885-11908-34

Date Collected: 09/13/24 12:02

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 01:25
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 01:25
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 16:28
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		20	12575	JT	EET ALB	09/19/24 17:44

Client Sample ID: W1 0-0.5'

Lab Sample ID: 885-11908-35

Date Collected: 09/13/24 12:10

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 01:47
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 01:47
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 16:39
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		20	12575	JT	EET ALB	09/19/24 17:57

Client Sample ID: W2 0-0.5'

Lab Sample ID: 885-11908-36

Date Collected: 09/13/24 12:10

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 02:09
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 02:09
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 16:50

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W2 0-0.5'

Lab Sample ID: 885-11908-36

Date Collected: 09/13/24 12:10

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 14:09

Client Sample ID: W3 0-0.5'

Lab Sample ID: 885-11908-37

Date Collected: 09/13/24 12:11

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 02:30
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 02:30
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 17:11
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 14:48

Client Sample ID: W4 0-0.5'

Lab Sample ID: 885-11908-38

Date Collected: 09/13/24 12:12

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 03:14
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 03:14
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 17:22
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 15:01

Client Sample ID: W5 0-0.5'

Lab Sample ID: 885-11908-39

Date Collected: 09/13/24 12:13

Matrix: Solid

Date Received: 09/17/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 03:36
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 03:36
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 17:33
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 15:13

Eurofins Albuquerque

Lab Chronicle

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Client Sample ID: W6 0-0.5'
Date Collected: 09/13/24 12:14
Date Received: 09/17/24 08:15

Lab Sample ID: 885-11908-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 03:57
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 03:57
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 17:44
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 15:26

Client Sample ID: W7 0-0.5'
Date Collected: 09/13/24 12:14
Date Received: 09/17/24 08:15

Lab Sample ID: 885-11908-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8015M/D		1	12732	AT	EET ALB	09/21/24 04:19
Total/NA	Prep	5030C			12424	AT	EET ALB	09/17/24 15:29
Total/NA	Analysis	8021B		1	12845	AT	EET ALB	09/21/24 04:19
Total/NA	Prep	SHAKE			12561	EM	EET ALB	09/19/24 12:39
Total/NA	Analysis	8015M/D		1	12540	EM	EET ALB	09/19/24 17:56
Total/NA	Prep	300_Prep			12581	MA	EET ALB	09/19/24 14:25
Total/NA	Analysis	300.0		50	12761	EH	EET ALB	09/20/24 15:39

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

Accreditation/Certification Summary

Client: Devon Energy Corporation
Project/Site: Rebel 20 Federal 5H

Job ID: 885-11908-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-25

Chain-of-Custody Record

Client: Dworn Energy
Dale Woodall

Mailing Address: _____

Phone #: _____

email or Fax#: _____

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush <u>5 Day</u>
Project Name: Rebel 20 Federal SH
Project #: 5E32074-BG15
Project Manager: Stephanie Hinds
Sampler: MJP / GAG
On Ice: ☐ Yes ☐ No
of Coolers: 1 <u>chucky</u>

Date	Time	Matrix	Sample Name	Cooler Temp (including CF): 0-5 to 20.3 (°C)		
				Container Type and #	Preservative Type	HEAL No.
9/13	11:41	Soil	B13 0.5'	402	Ice	13
	11:44		B14 0.5'			14
	11:44		B15 0.5'			15
	11:45		B16 0.5'			16
	11:45		B17 0.5'			17
	11:46		B18 0.5'			18
	11:47		B19 0.5'			19
	11:48		B20 0.5'			20
	11:48		B21 0.5'			21
	11:50		B22 0.5'			22
	11:51		B23 0.5'			23
	11:51		B24 0.5'			24

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/16/24	1100				9/16/24	1100
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/16/24	1900			recorder	9/17/24	SLS



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

Remarks:

Direct bill dewan

WP# 21216338

Chain-of-Custody Record

Client: Dewon Energy
Dale Woodale
Mailing Address: _____

Phone #: _____
email or Fax#: _____
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:	
☒ Standard	☐ Rush <u>5 Day</u>
Project Name: <u>Rebel 20 Federal 5H</u>	
Project #: <u>5E32074-BG15</u>	
Project Manager: <u>Stephanie Hinds</u>	
Sampler: <u>MJP/GAG</u>	
On Ice:	☐ Yes ☐ No
# of Coolers: <u>1</u>	

Date	Time	Matrix	Sample Name	Cooler Temp (including CF): 25.0-20.3 (°C)		HEAL No.
				Container Type and #	Preservative Type	
9/10	11:52	soil	B25 0.5'	402	ice	25
	11:53		B26 0.5'			26
	11:54		B27 0.5'			27
	11:54		B28 0.5'			28
	11:59		B29 0.5'			29
	11:59		B30 0.5'			30
	12:00		B31 0.5'			31
	12:00		B32 0.5'			32
	12:01		B33 0.5'			33
	12:02		B34 0.5'			34
	12:10		W1 0-0.5'			35
	12:10		W2 0-0.5'			36

Date: 9/16/24	Time: 1100	Relinquished by: 	Received by: 	Via:	Date: 9/16/24	Time: 1100
Date: 9/16/24	Time: 1900	Relinquished by: 	Received by: 	Via: 10000	Date: 9/17/24	Time: 8:15



3 of 4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

Remarks:

WD# 21266338

Chain-of-Custody Record

Client: Pewon Energy
Dale Woodall

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush *5 Day*

Project Name: Prebel 20 Federal SH

Project #:
5E32074-BG15

Project Manager:

Stephanie Hinds

Sampler: MJP / GAG

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): $(2.150 - 220) \times 3$ ($^{\circ}\text{C}$)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
9/13	12:11	soil	W3 0-0.5'	4oz	ice	37
1	12:12		W4 0-0.5'			38
1	12:13		W5 0-0.5'			39
1	12:14		W6 0-0.5'			40
1	12:14		W7 0-0.5'			41

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/16/24	1100				9/16/24	1100
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/16/24	1200			courier	9/17/24	8:15

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
-------	-------	------------------	--------------	------	------	------

9/16/24 1900 *[Signature]* courier 9/17/24 8:15



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

Remarks:
WL#
EC# 21266338
Direct bill person

Login Sample Receipt Checklist

Client: Devon Energy Corporation

Job Number: 885-11908-1

Login Number: 11908

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
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	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Stephanie Hinds
Souder, Miller & Associates
201 S. Halagueno St.
Carlsbad, New Mexico 88220

Generated 8/28/2024 5:38:55 PM

JOB DESCRIPTION

Rebel 20 Federal 5H

JOB NUMBER

885-10251-1

Eurofins Albuquerque

Job Notes

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

Authorization



Generated
8/28/2024 5:38:55 PM

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

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	39
QC Association Summary	47
Lab Chronicle	54
Certification Summary	65
Chain of Custody	66
Receipt Checklists	69

1

2

3

4

5

6

7

8

9

10

11

Definitions/Glossary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Qualifiers

HPLC/IC

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

Glossary

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

Eurofins Albuquerque

Case Narrative

Client: Souder, Miller & Associates
Project: Rebel 20 Federal 5H

Job ID: 885-10251-1

Job ID: 885-10251-1

Eurofins Albuquerque

Job Narrative 885-10251-1

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

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

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

Receipt

The samples were received on 8/21/2024 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 1.6°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: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP1 0'

Lab Sample ID: 885-10251-1

Date Collected: 08/16/24 07:30

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 14:56	08/22/24 18:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			08/21/24 14:56	08/22/24 18:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 14:56	08/22/24 18:15	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 18:15	1
Toluene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 18:15	1
Xylenes, Total	ND		0.099	mg/Kg		08/21/24 14:56	08/22/24 18:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			08/21/24 14:56	08/22/24 18:15	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]	13		9.7	mg/Kg		08/22/24 10:14	08/22/24 13:35	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/22/24 10:14	08/22/24 13:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			08/22/24 10:14	08/22/24 13:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5700		300	mg/Kg		08/22/24 13:41	08/24/24 01:06	100

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP1 2'

Lab Sample ID: 885-10251-2

Date Collected: 08/16/24 07:35

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 14:56	08/22/24 19:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			08/21/24 14:56	08/22/24 19:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/22/24 19:25	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 19:25	1
Toluene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 19:25	1
Xylenes, Total	ND		0.098	mg/Kg		08/21/24 14:56	08/22/24 19:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			08/21/24 14:56	08/22/24 19:25	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		08/22/24 10:14	08/22/24 13:45	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/22/24 10:14	08/22/24 13:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/22/24 10:14	08/22/24 13:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		08/22/24 13:41	08/22/24 17:17	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP1 4'

Lab Sample ID: 885-10251-3

Date Collected: 08/16/24 07:42

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 14:56	08/22/24 20:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			08/21/24 14:56	08/22/24 20:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/22/24 20:35	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 20:35	1
Toluene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 20:35	1
Xylenes, Total	ND		0.098	mg/Kg		08/21/24 14:56	08/22/24 20:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			08/21/24 14:56	08/22/24 20:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		08/22/24 10:14	08/22/24 13:56	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/22/24 10:14	08/22/24 13:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			08/22/24 10:14	08/22/24 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		60	mg/Kg		08/22/24 13:41	08/22/24 17:55	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP2 0'

Lab Sample ID: 885-10251-4

Date Collected: 08/16/24 07:53

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/22/24 20:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			08/21/24 14:56	08/22/24 20:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/22/24 20:59	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 20:59	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 20:59	1
Xylenes, Total	ND		0.097	mg/Kg		08/21/24 14:56	08/22/24 20:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			08/21/24 14:56	08/22/24 20:59	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		9.8	mg/Kg		08/22/24 10:14	08/22/24 14:07	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/22/24 10:14	08/22/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			08/22/24 10:14	08/22/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		60	mg/Kg		08/22/24 13:41	08/22/24 18:08	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP2 2'

Lab Sample ID: 885-10251-5

Date Collected: 08/16/24 08:06

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/22/24 21:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			08/21/24 14:56	08/22/24 21:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/22/24 21:22	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 21:22	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 21:22	1
Xylenes, Total	ND		0.096	mg/Kg		08/21/24 14:56	08/22/24 21:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			08/21/24 14:56	08/22/24 21:22	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		08/22/24 10:14	08/22/24 14:18	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/22/24 10:14	08/22/24 14:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/22/24 10:14	08/22/24 14:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		60	mg/Kg		08/22/24 13:41	08/22/24 18:21	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP2 4'

Lab Sample ID: 885-10251-6

Date Collected: 08/16/24 08:12

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/22/24 21:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			08/21/24 14:56	08/22/24 21:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/22/24 21:45	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 21:45	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 21:45	1
Xylenes, Total	ND		0.096	mg/Kg		08/21/24 14:56	08/22/24 21:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			08/21/24 14:56	08/22/24 21:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		08/22/24 10:14	08/22/24 14:29	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/22/24 10:14	08/22/24 14:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			08/22/24 10:14	08/22/24 14:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		08/22/24 13:41	08/22/24 18:34	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP3 0'

Lab Sample ID: 885-10251-7

Date Collected: 08/16/24 08:31

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 14:56	08/22/24 22:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			08/21/24 14:56	08/22/24 22:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/22/24 22:09	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 22:09	1
Toluene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 22:09	1
Xylenes, Total	ND		0.098	mg/Kg		08/21/24 14:56	08/22/24 22:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			08/21/24 14:56	08/22/24 22:09	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		9.4	mg/Kg		08/22/24 10:14	08/22/24 14:50	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/22/24 10:14	08/22/24 14:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			08/22/24 10:14	08/22/24 14:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		60	mg/Kg		08/22/24 13:41	08/22/24 18:47	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP3 2'

Lab Sample ID: 885-10251-8

Date Collected: 08/16/24 08:46

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 14:56	08/22/24 22:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			08/21/24 14:56	08/22/24 22:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 14:56	08/22/24 22:32	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 22:32	1
Toluene	ND		0.049	mg/Kg		08/21/24 14:56	08/22/24 22:32	1
Xylenes, Total	ND		0.098	mg/Kg		08/21/24 14:56	08/22/24 22:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			08/21/24 14:56	08/22/24 22:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		08/22/24 10:14	08/22/24 15:01	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/22/24 10:14	08/22/24 15:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			08/22/24 10:14	08/22/24 15:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/22/24 13:41	08/22/24 19:00	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP3 4'

Lab Sample ID: 885-10251-9

Date Collected: 08/16/24 08:53

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/22/24 22:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			08/21/24 14:56	08/22/24 22:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/22/24 22:55	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 22:55	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 22:55	1
Xylenes, Total	ND		0.096	mg/Kg		08/21/24 14:56	08/22/24 22:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			08/21/24 14:56	08/22/24 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		9.7	mg/Kg		08/22/24 10:14	08/22/24 15:12	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/22/24 10:14	08/22/24 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			08/22/24 10:14	08/22/24 15:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/22/24 13:41	08/22/24 19:13	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP4 0'

Lab Sample ID: 885-10251-10

Date Collected: 08/16/24 09:14

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/22/24 23:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			08/21/24 14:56	08/22/24 23:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/22/24 23:19	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 23:19	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/22/24 23:19	1
Xylenes, Total	ND		0.095	mg/Kg		08/21/24 14:56	08/22/24 23:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			08/21/24 14:56	08/22/24 23:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		08/22/24 10:14	08/22/24 15:23	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/22/24 10:14	08/22/24 15:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			08/22/24 10:14	08/22/24 15:23	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/22/24 13:41	08/22/24 19:25	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP4 2'

Lab Sample ID: 885-10251-11

Date Collected: 08/16/24 09:25

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 14:56	08/23/24 00:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		35 - 166			08/21/24 14:56	08/23/24 00:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/23/24 00:05	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 14:56	08/23/24 00:05	1
Toluene	ND		0.049	mg/Kg		08/21/24 14:56	08/23/24 00:05	1
Xylenes, Total	ND		0.097	mg/Kg		08/21/24 14:56	08/23/24 00:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			08/21/24 14:56	08/23/24 00:05	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		9.9	mg/Kg		08/22/24 10:14	08/22/24 15:34	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/22/24 10:14	08/22/24 15:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			08/22/24 10:14	08/22/24 15:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		60	mg/Kg		08/22/24 13:41	08/22/24 19:38	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP4 3'

Lab Sample ID: 885-10251-12

Date Collected: 08/16/24 09:31

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 14:56	08/23/24 00:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			08/21/24 14:56	08/23/24 00:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 14:56	08/23/24 00:29	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 14:56	08/23/24 00:29	1
Toluene	ND		0.050	mg/Kg		08/21/24 14:56	08/23/24 00:29	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/24 14:56	08/23/24 00:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			08/21/24 14:56	08/23/24 00:29	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		9.3	mg/Kg		08/22/24 10:14	08/22/24 15:45	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/22/24 10:14	08/22/24 15:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			08/22/24 10:14	08/22/24 15:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		08/22/24 13:41	08/22/24 20:43	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP5 0'

Lab Sample ID: 885-10251-13

Date Collected: 08/16/24 09:41

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/23/24 00:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			08/21/24 14:56	08/23/24 00:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/23/24 00:52	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 00:52	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 00:52	1
Xylenes, Total	ND		0.095	mg/Kg		08/21/24 14:56	08/23/24 00:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			08/21/24 14:56	08/23/24 00:52	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		08/22/24 10:14	08/22/24 15:56	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/22/24 10:14	08/22/24 15:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			08/22/24 10:14	08/22/24 15:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83		60	mg/Kg		08/22/24 13:41	08/22/24 20:55	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP5 2'

Lab Sample ID: 885-10251-14

Date Collected: 08/16/24 09:49

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/23/24 01:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			08/21/24 14:56	08/23/24 01:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/23/24 01:15	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 01:15	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 01:15	1
Xylenes, Total	ND		0.097	mg/Kg		08/21/24 14:56	08/23/24 01:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			08/21/24 14:56	08/23/24 01:15	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		9.9	mg/Kg		08/22/24 10:14	08/22/24 16:07	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/22/24 10:14	08/22/24 16:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			08/22/24 10:14	08/22/24 16:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/22/24 13:41	08/22/24 21:08	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP5 4'

Lab Sample ID: 885-10251-15

Date Collected: 08/16/24 09:56

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/23/24 01:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			08/21/24 14:56	08/23/24 01:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/23/24 01:39	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 01:39	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 01:39	1
Xylenes, Total	ND		0.097	mg/Kg		08/21/24 14:56	08/23/24 01:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			08/21/24 14:56	08/23/24 01:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		08/22/24 10:14	08/22/24 16:18	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/22/24 10:14	08/22/24 16:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			08/22/24 10:14	08/22/24 16:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/22/24 13:41	08/22/24 21:21	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP6 0'

Lab Sample ID: 885-10251-16

Date Collected: 08/16/24 10:11

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/23/24 02:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			08/21/24 14:56	08/23/24 02:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/23/24 02:02	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 02:02	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 02:02	1
Xylenes, Total	ND		0.095	mg/Kg		08/21/24 14:56	08/23/24 02:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			08/21/24 14:56	08/23/24 02:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		08/22/24 10:14	08/22/24 16:40	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/22/24 10:14	08/22/24 16:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			08/22/24 10:14	08/22/24 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		60	mg/Kg		08/22/24 13:41	08/22/24 21:34	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP6 2'

Lab Sample ID: 885-10251-17

Date Collected: 08/16/24 10:16

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 14:56	08/23/24 02:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			08/21/24 14:56	08/23/24 02:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/23/24 02:25	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 14:56	08/23/24 02:25	1
Toluene	ND		0.049	mg/Kg		08/21/24 14:56	08/23/24 02:25	1
Xylenes, Total	ND		0.097	mg/Kg		08/21/24 14:56	08/23/24 02:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			08/21/24 14:56	08/23/24 02:25	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		08/22/24 10:14	08/22/24 16:51	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/22/24 10:14	08/22/24 16:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/22/24 10:14	08/22/24 16:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	490		60	mg/Kg		08/22/24 13:41	08/22/24 21:47	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP6 3'

Lab Sample ID: 885-10251-18

Date Collected: 08/16/24 10:28

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 14:56	08/23/24 02:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			08/21/24 14:56	08/23/24 02:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/23/24 02:49	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 02:49	1
Toluene	ND		0.048	mg/Kg		08/21/24 14:56	08/23/24 02:49	1
Xylenes, Total	ND		0.095	mg/Kg		08/21/24 14:56	08/23/24 02:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			08/21/24 14:56	08/23/24 02:49	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		9.1	mg/Kg		08/22/24 10:14	08/22/24 17:02	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		08/22/24 10:14	08/22/24 17:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/22/24 10:14	08/22/24 17:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/22/24 13:41	08/22/24 22:00	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP7 0'

Lab Sample ID: 885-10251-19

Date Collected: 08/16/24 10:39

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		08/21/24 14:56	08/23/24 03:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			08/21/24 14:56	08/23/24 03:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		08/21/24 14:56	08/23/24 03:12	1
Ethylbenzene	ND		0.047	mg/Kg		08/21/24 14:56	08/23/24 03:12	1
Toluene	ND		0.047	mg/Kg		08/21/24 14:56	08/23/24 03:12	1
Xylenes, Total	ND		0.094	mg/Kg		08/21/24 14:56	08/23/24 03:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			08/21/24 14:56	08/23/24 03:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/22/24 10:14	08/22/24 17:13	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/22/24 10:14	08/22/24 17:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			08/22/24 10:14	08/22/24 17:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85		60	mg/Kg		08/22/24 13:41	08/22/24 22:13	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP7 2'

Lab Sample ID: 885-10251-20

Date Collected: 08/16/24 10:44

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 14:56	08/23/24 03:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			08/21/24 14:56	08/23/24 03:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 14:56	08/23/24 03:36	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 14:56	08/23/24 03:36	1
Toluene	ND		0.049	mg/Kg		08/21/24 14:56	08/23/24 03:36	1
Xylenes, Total	ND		0.098	mg/Kg		08/21/24 14:56	08/23/24 03:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			08/21/24 14:56	08/23/24 03:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		08/23/24 09:43	08/23/24 16:45	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/23/24 09:43	08/23/24 16:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			08/23/24 09:43	08/23/24 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		60	mg/Kg		08/23/24 12:45	08/23/24 17:04	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP7 3'

Lab Sample ID: 885-10251-21

Date Collected: 08/16/24 10:59

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 11:30	08/22/24 13:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			08/21/24 11:30	08/22/24 13:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 13:30	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 13:30	1
Toluene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 13:30	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/24 11:30	08/22/24 13:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/21/24 11:30	08/22/24 13:30	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		08/21/24 12:41	08/21/24 19:29	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/21/24 12:41	08/21/24 19:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			08/21/24 12:41	08/21/24 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	350		60	mg/Kg		08/21/24 16:07	08/22/24 10:51	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP8 0'

Lab Sample ID: 885-10251-22

Date Collected: 08/16/24 11:20

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 11:30	08/22/24 14:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			08/21/24 11:30	08/22/24 14:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 14:36	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 14:36	1
Toluene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 14:36	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/24 11:30	08/22/24 14:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		48 - 145			08/21/24 11:30	08/22/24 14:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		08/21/24 12:41	08/21/24 19:40	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/21/24 12:41	08/21/24 19:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			08/21/24 12:41	08/21/24 19:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60		60	mg/Kg		08/21/24 16:07	08/22/24 11:04	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP8 2'

Lab Sample ID: 885-10251-23

Date Collected: 08/16/24 11:29

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 11:30	08/22/24 15:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			08/21/24 11:30	08/22/24 15:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 15:42	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 15:42	1
Toluene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 15:42	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/24 11:30	08/22/24 15:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/21/24 11:30	08/22/24 15:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		08/21/24 12:41	08/21/24 19:52	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/21/24 12:41	08/21/24 19:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	112		62 - 134			08/21/24 12:41	08/21/24 19:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62		60	mg/Kg		08/21/24 16:07	08/22/24 11:17	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP8 4'

Lab Sample ID: 885-10251-24

Date Collected: 08/16/24 11:41

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 11:30	08/22/24 16:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			08/21/24 11:30	08/22/24 16:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 16:04	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 11:30	08/22/24 16:04	1
Toluene	ND		0.049	mg/Kg		08/21/24 11:30	08/22/24 16:04	1
Xylenes, Total	ND		0.098	mg/Kg		08/21/24 11:30	08/22/24 16:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/21/24 11:30	08/22/24 16:04	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		9.7	mg/Kg		08/21/24 12:41	08/21/24 20:03	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/21/24 12:41	08/21/24 20:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			08/21/24 12:41	08/21/24 20:03	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		60	mg/Kg		08/21/24 16:07	08/22/24 11:30	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP9 0'

Lab Sample ID: 885-10251-25

Date Collected: 08/19/24 13:23

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 11:30	08/22/24 16:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			08/21/24 11:30	08/22/24 16:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 11:30	08/22/24 16:25	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 11:30	08/22/24 16:25	1
Toluene	ND		0.048	mg/Kg		08/21/24 11:30	08/22/24 16:25	1
Xylenes, Total	ND		0.097	mg/Kg		08/21/24 11:30	08/22/24 16:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/21/24 11:30	08/22/24 16:25	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		08/21/24 12:41	08/21/24 20:25	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/21/24 12:41	08/21/24 20:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	116		62 - 134			08/21/24 12:41	08/21/24 20:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		08/21/24 16:07	08/22/24 11:42	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP9 2'

Lab Sample ID: 885-10251-26

Date Collected: 08/19/24 13:09

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 11:30	08/22/24 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			08/21/24 11:30	08/22/24 16:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 16:47	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 16:47	1
Toluene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 16:47	1
Xylenes, Total	ND		0.099	mg/Kg		08/21/24 11:30	08/22/24 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/21/24 11:30	08/22/24 16:47	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		10	mg/Kg		08/21/24 12:41	08/21/24 20:36	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/21/24 12:41	08/21/24 20:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			08/21/24 12:41	08/21/24 20:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/21/24 16:07	08/22/24 11:55	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP9 4'

Lab Sample ID: 885-10251-27

Date Collected: 08/19/24 13:20

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 11:30	08/22/24 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		35 - 166			08/21/24 11:30	08/22/24 17:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 11:30	08/22/24 17:09	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 11:30	08/22/24 17:09	1
Toluene	ND		0.049	mg/Kg		08/21/24 11:30	08/22/24 17:09	1
Xylenes, Total	ND		0.098	mg/Kg		08/21/24 11:30	08/22/24 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			08/21/24 11:30	08/22/24 17:09	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		9.2	mg/Kg		08/21/24 12:41	08/21/24 20:47	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/21/24 12:41	08/21/24 20:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			08/21/24 12:41	08/21/24 20:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		60	mg/Kg		08/21/24 16:07	08/22/24 12:08	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP10 0'

Lab Sample ID: 885-10251-28

Date Collected: 08/19/24 12:00

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 11:30	08/22/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		35 - 166			08/21/24 11:30	08/22/24 17:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 17:31	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 17:31	1
Toluene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 17:31	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/24 11:30	08/22/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/21/24 11:30	08/22/24 17:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/21/24 12:41	08/21/24 20:58	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/21/24 12:41	08/21/24 20:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			08/21/24 12:41	08/21/24 20:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		60	mg/Kg		08/21/24 16:07	08/22/24 12:47	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP10 2'

Lab Sample ID: 885-10251-29

Date Collected: 08/19/24 12:04

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 11:30	08/22/24 17:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		35 - 166			08/21/24 11:30	08/22/24 17:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 17:53	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 11:30	08/22/24 17:53	1
Toluene	ND		0.049	mg/Kg		08/21/24 11:30	08/22/24 17:53	1
Xylenes, Total	ND		0.099	mg/Kg		08/21/24 11:30	08/22/24 17:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/21/24 11:30	08/22/24 17:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/21/24 12:41	08/21/24 21:09	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/21/24 12:41	08/21/24 21:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			08/21/24 12:41	08/21/24 21:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/21/24 16:07	08/22/24 13:00	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP10 4'

Lab Sample ID: 885-10251-30

Date Collected: 08/19/24 12:20

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 11:30	08/22/24 18:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		35 - 166			08/21/24 11:30	08/22/24 18:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 18:15	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 18:15	1
Toluene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 18:15	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/24 11:30	08/22/24 18:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		48 - 145			08/21/24 11:30	08/22/24 18:15	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		9.6	mg/Kg		08/21/24 12:41	08/21/24 21:20	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/21/24 12:41	08/21/24 21:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			08/21/24 12:41	08/21/24 21:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		60	mg/Kg		08/21/24 16:07	08/22/24 13:12	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP11 0'

Lab Sample ID: 885-10251-31

Date Collected: 08/19/24 13:35

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/21/24 11:30	08/22/24 18:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			08/21/24 11:30	08/22/24 18:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 11:30	08/22/24 18:58	1
Ethylbenzene	ND		0.048	mg/Kg		08/21/24 11:30	08/22/24 18:58	1
Toluene	ND		0.048	mg/Kg		08/21/24 11:30	08/22/24 18:58	1
Xylenes, Total	ND		0.095	mg/Kg		08/21/24 11:30	08/22/24 18:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			08/21/24 11:30	08/22/24 18:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		08/21/24 12:41	08/21/24 21:32	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		08/21/24 12:41	08/21/24 21:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			08/21/24 12:41	08/21/24 21:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		60	mg/Kg		08/21/24 16:39	08/22/24 13:25	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP11 2'

Lab Sample ID: 885-10251-32

Date Collected: 08/19/24 13:41

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		08/21/24 11:30	08/22/24 19:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			08/21/24 11:30	08/22/24 19:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		08/21/24 11:30	08/22/24 19:20	1
Ethylbenzene	ND		0.047	mg/Kg		08/21/24 11:30	08/22/24 19:20	1
Toluene	ND		0.047	mg/Kg		08/21/24 11:30	08/22/24 19:20	1
Xylenes, Total	ND		0.093	mg/Kg		08/21/24 11:30	08/22/24 19:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/21/24 11:30	08/22/24 19:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		08/21/24 12:41	08/21/24 21:43	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/21/24 12:41	08/21/24 21:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/21/24 12:41	08/21/24 21:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		60	mg/Kg		08/22/24 13:41	08/22/24 22:51	20

Eurofins Albuquerque

Client Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP11 4'

Lab Sample ID: 885-10251-33

Date Collected: 08/19/24 13:52

Matrix: Solid

Date Received: 08/21/24 07:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/21/24 11:30	08/22/24 19:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			08/21/24 11:30	08/22/24 19:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/21/24 11:30	08/22/24 19:42	1
Ethylbenzene	ND		0.049	mg/Kg		08/21/24 11:30	08/22/24 19:42	1
Toluene	ND		0.049	mg/Kg		08/21/24 11:30	08/22/24 19:42	1
Xylenes, Total	ND		0.097	mg/Kg		08/21/24 11:30	08/22/24 19:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			08/21/24 11:30	08/22/24 19:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		08/21/24 12:41	08/21/24 21:54	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/21/24 12:41	08/21/24 21:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			08/21/24 12:41	08/21/24 21:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78		60	mg/Kg		08/23/24 12:45	08/23/24 17:41	20

Eurofins Albuquerque

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

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

Lab Sample ID: MB 885-10684/1-A

Matrix: Solid

Analysis Batch: 10849

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10684

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 11:30	08/22/24 13:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		35 - 166			08/21/24 11:30	08/22/24 13:09	1

Lab Sample ID: LCS 885-10684/2-A

Matrix: Solid

Analysis Batch: 10849

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	27.0		mg/Kg		108	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	229		35 - 166				

Lab Sample ID: 885-10251-21 MS

Matrix: Solid

Analysis Batch: 10849

Client Sample ID: TP7 3'

Prep Type: Total/NA

Prep Batch: 10684

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	29.7		mg/Kg		119	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	231		35 - 166						

Lab Sample ID: 885-10251-21 MSD

Matrix: Solid

Analysis Batch: 10849

Client Sample ID: TP7 3'

Prep Type: Total/NA

Prep Batch: 10684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	31.2		mg/Kg		125	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	243		35 - 166								

Lab Sample ID: MB 885-10713/1-A

Matrix: Solid

Analysis Batch: 10860

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10713

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/21/24 14:56	08/22/24 15:29	1

Eurofins Albuquerque

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

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

Lab Sample ID: MB 885-10713/1-A
Matrix: Solid
Analysis Batch: 10860

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10713

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166	08/21/24 14:56	08/22/24 15:29	1

Lab Sample ID: LCS 885-10713/2-A
Matrix: Solid
Analysis Batch: 10860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	26.9		mg/Kg		108	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	213		35 - 166				

Lab Sample ID: 885-10251-1 MS
Matrix: Solid
Analysis Batch: 10860

Client Sample ID: TP1 0'
Prep Type: Total/NA
Prep Batch: 10713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	32.1		mg/Kg		129	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	232		35 - 166						

Lab Sample ID: 885-10251-1 MSD
Matrix: Solid
Analysis Batch: 10860

Client Sample ID: TP1 0'
Prep Type: Total/NA
Prep Batch: 10713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.7	28.4		mg/Kg		115	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	216		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-10684/1-A
Matrix: Solid
Analysis Batch: 10850

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10684

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 11:30	08/22/24 13:09	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 13:09	1
Toluene	ND		0.050	mg/Kg		08/21/24 11:30	08/22/24 13:09	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/24 11:30	08/22/24 13:09	1

Eurofins Albuquerque

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

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

Lab Sample ID: MB 885-10684/1-A

Matrix: Solid

Analysis Batch: 10850

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10684

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145	08/21/24 11:30	08/22/24 13:09	1

Lab Sample ID: LCS 885-10684/3-A

Matrix: Solid

Analysis Batch: 10850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.04		mg/Kg		104	70 - 130
Ethylbenzene	1.00	1.04		mg/Kg		104	70 - 130
Toluene	1.00	1.05		mg/Kg		105	70 - 130
m,p-Xylene	2.00	2.07		mg/Kg		104	70 - 130
o-Xylene	1.00	1.04		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		48 - 145

Lab Sample ID: 885-10251-22 MS

Matrix: Solid

Analysis Batch: 10850

Client Sample ID: TP8 0'

Prep Type: Total/NA

Prep Batch: 10684

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.991	1.10		mg/Kg		111	70 - 130
Ethylbenzene	ND		0.991	1.11		mg/Kg		112	70 - 130
Toluene	ND		0.991	1.10		mg/Kg		111	70 - 130
m,p-Xylene	ND		1.98	2.20		mg/Kg		111	70 - 130
o-Xylene	ND		0.991	1.09		mg/Kg		110	70 - 130

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

Lab Sample ID: 885-10251-22 MSD

Matrix: Solid

Analysis Batch: 10850

Client Sample ID: TP8 0'

Prep Type: Total/NA

Prep Batch: 10684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.992	1.13		mg/Kg		114	70 - 130	3	20
Ethylbenzene	ND		0.992	1.16		mg/Kg		117	70 - 130	4	20
Toluene	ND		0.992	1.14		mg/Kg		115	70 - 130	4	20
m,p-Xylene	ND		1.98	2.29		mg/Kg		116	70 - 130	4	20
o-Xylene	ND		0.992	1.15		mg/Kg		116	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		48 - 145

Eurofins Albuquerque

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

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

Lab Sample ID: MB 885-10713/1-A

Matrix: Solid

Analysis Batch: 10861

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10713

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/21/24 14:56	08/22/24 15:29	1
Ethylbenzene	ND		0.050	mg/Kg		08/21/24 14:56	08/22/24 15:29	1
Toluene	ND		0.050	mg/Kg		08/21/24 14:56	08/22/24 15:29	1
Xylenes, Total	ND		0.10	mg/Kg		08/21/24 14:56	08/22/24 15:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145	08/21/24 14:56	08/22/24 15:29	1

Lab Sample ID: LCS 885-10713/3-A

Matrix: Solid

Analysis Batch: 10861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.920		mg/Kg		92	70 - 130
Ethylbenzene	1.00	0.854		mg/Kg		85	70 - 130
Toluene	1.00	0.869		mg/Kg		87	70 - 130
m,p-Xylene	2.00	1.71		mg/Kg		85	70 - 130
o-Xylene	1.00	0.820		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		48 - 145

Lab Sample ID: 885-10251-2 MS

Matrix: Solid

Analysis Batch: 10861

Client Sample ID: TP1 2'

Prep Type: Total/NA

Prep Batch: 10713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.978	0.960		mg/Kg		98	70 - 130
Ethylbenzene	ND		0.978	0.884		mg/Kg		90	70 - 130
Toluene	ND		0.978	0.905		mg/Kg		91	70 - 130
m,p-Xylene	ND		1.96	1.78		mg/Kg		90	70 - 130
o-Xylene	ND		0.978	0.862		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		48 - 145

Lab Sample ID: 885-10251-2 MSD

Matrix: Solid

Analysis Batch: 10861

Client Sample ID: TP1 2'

Prep Type: Total/NA

Prep Batch: 10713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.971	0.931		mg/Kg		96	70 - 130	3	20
Ethylbenzene	ND		0.971	0.865		mg/Kg		89	70 - 130	2	20
Toluene	ND		0.971	0.880		mg/Kg		89	70 - 130	3	20
m,p-Xylene	ND		1.94	1.73		mg/Kg		88	70 - 130	3	20
o-Xylene	ND		0.971	0.834		mg/Kg		86	70 - 130	3	20

Eurofins Albuquerque

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

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

Lab Sample ID: 885-10251-2 MSD

Matrix: Solid

Analysis Batch: 10861

Client Sample ID: TP1 2'

Prep Type: Total/NA

Prep Batch: 10713

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		48 - 145

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

Lab Sample ID: MB 885-10697/1-A

Matrix: Solid

Analysis Batch: 10682

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10697

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/21/24 12:41	08/21/24 18:21	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/21/24 12:41	08/21/24 18:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/21/24 12:41	08/21/24 18:21	1

Lab Sample ID: LCS 885-10697/2-A

Matrix: Solid

Analysis Batch: 10682

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	46.1		mg/Kg		92	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	94		62 - 134				

Lab Sample ID: 885-10251-33 MS

Matrix: Solid

Analysis Batch: 10682

Client Sample ID: TP11 4'

Prep Type: Total/NA

Prep Batch: 10697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		47.5	45.9		mg/Kg		96	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	102		62 - 134						

Lab Sample ID: 885-10251-33 MSD

Matrix: Solid

Analysis Batch: 10682

Client Sample ID: TP11 4'

Prep Type: Total/NA

Prep Batch: 10697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.6	48.3		mg/Kg		97	44 - 136	5	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	100		62 - 134								

Eurofins Albuquerque

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

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

Lab Sample ID: MB 885-10787/1-A

Matrix: Solid

Analysis Batch: 10765

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10787

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/22/24 10:14	08/22/24 13:02	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/22/24 10:14	08/22/24 13:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			08/22/24 10:14	08/22/24 13:02	1

Lab Sample ID: LCS 885-10787/2-A

Matrix: Solid

Analysis Batch: 10765

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	47.1		mg/Kg		94	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	96		62 - 134				

Lab Sample ID: 885-10251-19 MS

Matrix: Solid

Analysis Batch: 10765

Client Sample ID: TP7 0'

Prep Type: Total/NA

Prep Batch: 10787

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		45.7	45.7		mg/Kg		100	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	96		62 - 134						

Lab Sample ID: 885-10251-19 MSD

Matrix: Solid

Analysis Batch: 10765

Client Sample ID: TP7 0'

Prep Type: Total/NA

Prep Batch: 10787

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		47.2	47.0		mg/Kg		100	44 - 136	3	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	100		62 - 134								

Lab Sample ID: MB 885-10855/1-A

Matrix: Solid

Analysis Batch: 10868

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10855

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/23/24 09:43	08/23/24 15:58	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/23/24 09:43	08/23/24 15:58	1

Eurofins Albuquerque

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

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

Lab Sample ID: MB 885-10855/1-A
Matrix: Solid
Analysis Batch: 10868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10855

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Di-n-octyl phthalate (Surr)	92		62 - 134	08/23/24 09:43	08/23/24 15:58	1			

Lab Sample ID: LCS 885-10855/2-A
Matrix: Solid
Analysis Batch: 10868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10855

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Diesel Range Organics [C10-C28]			50.0	51.7		mg/Kg		103	60 - 135	
Surrogate	LCS	LCS								
	%Recovery	Qualifier	Limits							
Di-n-octyl phthalate (Surr)	91		62 - 134							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-10642/1-A
Matrix: Solid
Analysis Batch: 10841

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10642

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		08/21/24 16:07	08/22/24 07:38	1

Lab Sample ID: LCS 885-10642/2-A
Matrix: Solid
Analysis Batch: 10841

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10642

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride			30.0	28.4		mg/Kg		95	90 - 110	

Lab Sample ID: 885-10251-31 MS
Matrix: Solid
Analysis Batch: 10841

Client Sample ID: TP11 0'
Prep Type: Total/NA
Prep Batch: 10642

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	290		29.8	316	4	mg/Kg		85	50 - 150	

Lab Sample ID: 885-10251-31 MSD
Matrix: Solid
Analysis Batch: 10841

Client Sample ID: TP11 0'
Prep Type: Total/NA
Prep Batch: 10642

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	290		29.9	309	4	mg/Kg		61	50 - 150	2	20

Lab Sample ID: MB 885-10803/1-A
Matrix: Solid
Analysis Batch: 10841

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10803

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		08/22/24 13:41	08/22/24 16:13	1

Eurofins Albuquerque

QC Sample Results

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-10803/2-A
Matrix: Solid
Analysis Batch: 10841

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	28.5		mg/Kg		95	90 - 110

Lab Sample ID: 885-10251-11 MSD
Matrix: Solid
Analysis Batch: 10841

Client Sample ID: TP4 2'
Prep Type: Total/NA
Prep Batch: 10803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	200		29.9	243	4	mg/Kg		134	50 - 150	5	20

Lab Sample ID: MB 885-10881/1-A
Matrix: Solid
Analysis Batch: 10908

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10881

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		08/23/24 12:45	08/23/24 16:15	1

Lab Sample ID: LCS 885-10881/2-A
Matrix: Solid
Analysis Batch: 10908

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10881

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	28.4		mg/Kg		95	90 - 110

Lab Sample ID: 885-10251-20 MS
Matrix: Solid
Analysis Batch: 10908

Client Sample ID: TP7 2'
Prep Type: Total/NA
Prep Batch: 10881

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	240		30.0	268	4	mg/Kg		86	50 - 150

Lab Sample ID: 885-10251-20 MSD
Matrix: Solid
Analysis Batch: 10908

Client Sample ID: TP7 2'
Prep Type: Total/NA
Prep Batch: 10881

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	240		29.8	260	4	mg/Kg		61	50 - 150	3	20

Lab Sample ID: MB 885-10908/4
Matrix: Solid
Analysis Batch: 10908

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/Kg			08/23/24 09:59	1

Lab Sample ID: MRL 885-10908/3
Matrix: Solid
Analysis Batch: 10908

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	0.528		mg/L		106	50 - 150

Eurofins Albuquerque

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

GC VOA

Prep Batch: 10684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-21	TP7 3'	Total/NA	Solid	5030C	
885-10251-22	TP8 0'	Total/NA	Solid	5030C	
885-10251-23	TP8 2'	Total/NA	Solid	5030C	
885-10251-24	TP8 4'	Total/NA	Solid	5030C	
885-10251-25	TP9 0'	Total/NA	Solid	5030C	
885-10251-26	TP9 2'	Total/NA	Solid	5030C	
885-10251-27	TP9 4'	Total/NA	Solid	5030C	
885-10251-28	TP10 0'	Total/NA	Solid	5030C	
885-10251-29	TP10 2'	Total/NA	Solid	5030C	
885-10251-30	TP10 4'	Total/NA	Solid	5030C	
885-10251-31	TP11 0'	Total/NA	Solid	5030C	
885-10251-32	TP11 2'	Total/NA	Solid	5030C	
885-10251-33	TP11 4'	Total/NA	Solid	5030C	
MB 885-10684/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-10684/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-10684/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-10251-21 MS	TP7 3'	Total/NA	Solid	5030C	
885-10251-21 MSD	TP7 3'	Total/NA	Solid	5030C	
885-10251-22 MS	TP8 0'	Total/NA	Solid	5030C	
885-10251-22 MSD	TP8 0'	Total/NA	Solid	5030C	

Prep Batch: 10713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-1	TP1 0'	Total/NA	Solid	5030C	
885-10251-2	TP1 2'	Total/NA	Solid	5030C	
885-10251-3	TP1 4'	Total/NA	Solid	5030C	
885-10251-4	TP2 0'	Total/NA	Solid	5030C	
885-10251-5	TP2 2'	Total/NA	Solid	5030C	
885-10251-6	TP2 4'	Total/NA	Solid	5030C	
885-10251-7	TP3 0'	Total/NA	Solid	5030C	
885-10251-8	TP3 2'	Total/NA	Solid	5030C	
885-10251-9	TP3 4'	Total/NA	Solid	5030C	
885-10251-10	TP4 0'	Total/NA	Solid	5030C	
885-10251-11	TP4 2'	Total/NA	Solid	5030C	
885-10251-12	TP4 3'	Total/NA	Solid	5030C	
885-10251-13	TP5 0'	Total/NA	Solid	5030C	
885-10251-14	TP5 2'	Total/NA	Solid	5030C	
885-10251-15	TP5 4'	Total/NA	Solid	5030C	
885-10251-16	TP6 0'	Total/NA	Solid	5030C	
885-10251-17	TP6 2'	Total/NA	Solid	5030C	
885-10251-18	TP6 3'	Total/NA	Solid	5030C	
885-10251-19	TP7 0'	Total/NA	Solid	5030C	
885-10251-20	TP7 2'	Total/NA	Solid	5030C	
MB 885-10713/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-10713/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-10713/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-10251-1 MS	TP1 0'	Total/NA	Solid	5030C	
885-10251-1 MSD	TP1 0'	Total/NA	Solid	5030C	
885-10251-2 MS	TP1 2'	Total/NA	Solid	5030C	
885-10251-2 MSD	TP1 2'	Total/NA	Solid	5030C	

Eurofins Albuquerque

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

GC VOA

Analysis Batch: 10849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-21	TP7 3'	Total/NA	Solid	8015M/D	10684
885-10251-22	TP8 0'	Total/NA	Solid	8015M/D	10684
885-10251-23	TP8 2'	Total/NA	Solid	8015M/D	10684
885-10251-24	TP8 4'	Total/NA	Solid	8015M/D	10684
885-10251-25	TP9 0'	Total/NA	Solid	8015M/D	10684
885-10251-26	TP9 2'	Total/NA	Solid	8015M/D	10684
885-10251-27	TP9 4'	Total/NA	Solid	8015M/D	10684
885-10251-28	TP10 0'	Total/NA	Solid	8015M/D	10684
885-10251-29	TP10 2'	Total/NA	Solid	8015M/D	10684
885-10251-30	TP10 4'	Total/NA	Solid	8015M/D	10684
885-10251-31	TP11 0'	Total/NA	Solid	8015M/D	10684
885-10251-32	TP11 2'	Total/NA	Solid	8015M/D	10684
885-10251-33	TP11 4'	Total/NA	Solid	8015M/D	10684
MB 885-10684/1-A	Method Blank	Total/NA	Solid	8015M/D	10684
LCS 885-10684/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10684
885-10251-21 MS	TP7 3'	Total/NA	Solid	8015M/D	10684
885-10251-21 MSD	TP7 3'	Total/NA	Solid	8015M/D	10684

Analysis Batch: 10850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-21	TP7 3'	Total/NA	Solid	8021B	10684
885-10251-22	TP8 0'	Total/NA	Solid	8021B	10684
885-10251-23	TP8 2'	Total/NA	Solid	8021B	10684
885-10251-24	TP8 4'	Total/NA	Solid	8021B	10684
885-10251-25	TP9 0'	Total/NA	Solid	8021B	10684
885-10251-26	TP9 2'	Total/NA	Solid	8021B	10684
885-10251-27	TP9 4'	Total/NA	Solid	8021B	10684
885-10251-28	TP10 0'	Total/NA	Solid	8021B	10684
885-10251-29	TP10 2'	Total/NA	Solid	8021B	10684
885-10251-30	TP10 4'	Total/NA	Solid	8021B	10684
885-10251-31	TP11 0'	Total/NA	Solid	8021B	10684
885-10251-32	TP11 2'	Total/NA	Solid	8021B	10684
885-10251-33	TP11 4'	Total/NA	Solid	8021B	10684
MB 885-10684/1-A	Method Blank	Total/NA	Solid	8021B	10684
LCS 885-10684/3-A	Lab Control Sample	Total/NA	Solid	8021B	10684
885-10251-22 MS	TP8 0'	Total/NA	Solid	8021B	10684
885-10251-22 MSD	TP8 0'	Total/NA	Solid	8021B	10684

Analysis Batch: 10860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-1	TP1 0'	Total/NA	Solid	8015M/D	10713
885-10251-2	TP1 2'	Total/NA	Solid	8015M/D	10713
885-10251-3	TP1 4'	Total/NA	Solid	8015M/D	10713
885-10251-4	TP2 0'	Total/NA	Solid	8015M/D	10713
885-10251-5	TP2 2'	Total/NA	Solid	8015M/D	10713
885-10251-6	TP2 4'	Total/NA	Solid	8015M/D	10713
885-10251-7	TP3 0'	Total/NA	Solid	8015M/D	10713
885-10251-8	TP3 2'	Total/NA	Solid	8015M/D	10713
885-10251-9	TP3 4'	Total/NA	Solid	8015M/D	10713
885-10251-10	TP4 0'	Total/NA	Solid	8015M/D	10713
885-10251-11	TP4 2'	Total/NA	Solid	8015M/D	10713

Eurofins Albuquerque

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

GC VOA (Continued)

Analysis Batch: 10860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-12	TP4 3'	Total/NA	Solid	8015M/D	10713
885-10251-13	TP5 0'	Total/NA	Solid	8015M/D	10713
885-10251-14	TP5 2'	Total/NA	Solid	8015M/D	10713
885-10251-15	TP5 4'	Total/NA	Solid	8015M/D	10713
885-10251-16	TP6 0'	Total/NA	Solid	8015M/D	10713
885-10251-17	TP6 2'	Total/NA	Solid	8015M/D	10713
885-10251-18	TP6 3'	Total/NA	Solid	8015M/D	10713
885-10251-19	TP7 0'	Total/NA	Solid	8015M/D	10713
885-10251-20	TP7 2'	Total/NA	Solid	8015M/D	10713
MB 885-10713/1-A	Method Blank	Total/NA	Solid	8015M/D	10713
LCS 885-10713/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10713
885-10251-1 MS	TP1 0'	Total/NA	Solid	8015M/D	10713
885-10251-1 MSD	TP1 0'	Total/NA	Solid	8015M/D	10713

Analysis Batch: 10861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-1	TP1 0'	Total/NA	Solid	8021B	10713
885-10251-2	TP1 2'	Total/NA	Solid	8021B	10713
885-10251-3	TP1 4'	Total/NA	Solid	8021B	10713
885-10251-4	TP2 0'	Total/NA	Solid	8021B	10713
885-10251-5	TP2 2'	Total/NA	Solid	8021B	10713
885-10251-6	TP2 4'	Total/NA	Solid	8021B	10713
885-10251-7	TP3 0'	Total/NA	Solid	8021B	10713
885-10251-8	TP3 2'	Total/NA	Solid	8021B	10713
885-10251-9	TP3 4'	Total/NA	Solid	8021B	10713
885-10251-10	TP4 0'	Total/NA	Solid	8021B	10713
885-10251-11	TP4 2'	Total/NA	Solid	8021B	10713
885-10251-12	TP4 3'	Total/NA	Solid	8021B	10713
885-10251-13	TP5 0'	Total/NA	Solid	8021B	10713
885-10251-14	TP5 2'	Total/NA	Solid	8021B	10713
885-10251-15	TP5 4'	Total/NA	Solid	8021B	10713
885-10251-16	TP6 0'	Total/NA	Solid	8021B	10713
885-10251-17	TP6 2'	Total/NA	Solid	8021B	10713
885-10251-18	TP6 3'	Total/NA	Solid	8021B	10713
885-10251-19	TP7 0'	Total/NA	Solid	8021B	10713
885-10251-20	TP7 2'	Total/NA	Solid	8021B	10713
MB 885-10713/1-A	Method Blank	Total/NA	Solid	8021B	10713
LCS 885-10713/3-A	Lab Control Sample	Total/NA	Solid	8021B	10713
885-10251-2 MS	TP1 2'	Total/NA	Solid	8021B	10713
885-10251-2 MSD	TP1 2'	Total/NA	Solid	8021B	10713

GC Semi VOA

Analysis Batch: 10682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-21	TP7 3'	Total/NA	Solid	8015M/D	10697
885-10251-22	TP8 0'	Total/NA	Solid	8015M/D	10697
885-10251-23	TP8 2'	Total/NA	Solid	8015M/D	10697
885-10251-24	TP8 4'	Total/NA	Solid	8015M/D	10697
885-10251-25	TP9 0'	Total/NA	Solid	8015M/D	10697
885-10251-26	TP9 2'	Total/NA	Solid	8015M/D	10697

Eurofins Albuquerque

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

GC Semi VOA (Continued)

Analysis Batch: 10682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-27	TP9 4'	Total/NA	Solid	8015M/D	10697
885-10251-28	TP10 0'	Total/NA	Solid	8015M/D	10697
885-10251-29	TP10 2'	Total/NA	Solid	8015M/D	10697
885-10251-30	TP10 4'	Total/NA	Solid	8015M/D	10697
885-10251-31	TP11 0'	Total/NA	Solid	8015M/D	10697
885-10251-32	TP11 2'	Total/NA	Solid	8015M/D	10697
885-10251-33	TP11 4'	Total/NA	Solid	8015M/D	10697
MB 885-10697/1-A	Method Blank	Total/NA	Solid	8015M/D	10697
LCS 885-10697/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10697
885-10251-33 MS	TP11 4'	Total/NA	Solid	8015M/D	10697
885-10251-33 MSD	TP11 4'	Total/NA	Solid	8015M/D	10697

Prep Batch: 10697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-21	TP7 3'	Total/NA	Solid	SHAKE	
885-10251-22	TP8 0'	Total/NA	Solid	SHAKE	
885-10251-23	TP8 2'	Total/NA	Solid	SHAKE	
885-10251-24	TP8 4'	Total/NA	Solid	SHAKE	
885-10251-25	TP9 0'	Total/NA	Solid	SHAKE	
885-10251-26	TP9 2'	Total/NA	Solid	SHAKE	
885-10251-27	TP9 4'	Total/NA	Solid	SHAKE	
885-10251-28	TP10 0'	Total/NA	Solid	SHAKE	
885-10251-29	TP10 2'	Total/NA	Solid	SHAKE	
885-10251-30	TP10 4'	Total/NA	Solid	SHAKE	
885-10251-31	TP11 0'	Total/NA	Solid	SHAKE	
885-10251-32	TP11 2'	Total/NA	Solid	SHAKE	
885-10251-33	TP11 4'	Total/NA	Solid	SHAKE	
MB 885-10697/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-10697/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10251-33 MS	TP11 4'	Total/NA	Solid	SHAKE	
885-10251-33 MSD	TP11 4'	Total/NA	Solid	SHAKE	

Analysis Batch: 10765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-1	TP1 0'	Total/NA	Solid	8015M/D	10787
885-10251-2	TP1 2'	Total/NA	Solid	8015M/D	10787
885-10251-3	TP1 4'	Total/NA	Solid	8015M/D	10787
885-10251-4	TP2 0'	Total/NA	Solid	8015M/D	10787
885-10251-5	TP2 2'	Total/NA	Solid	8015M/D	10787
885-10251-6	TP2 4'	Total/NA	Solid	8015M/D	10787
885-10251-7	TP3 0'	Total/NA	Solid	8015M/D	10787
885-10251-8	TP3 2'	Total/NA	Solid	8015M/D	10787
885-10251-9	TP3 4'	Total/NA	Solid	8015M/D	10787
885-10251-10	TP4 0'	Total/NA	Solid	8015M/D	10787
885-10251-11	TP4 2'	Total/NA	Solid	8015M/D	10787
885-10251-12	TP4 3'	Total/NA	Solid	8015M/D	10787
885-10251-13	TP5 0'	Total/NA	Solid	8015M/D	10787
885-10251-14	TP5 2'	Total/NA	Solid	8015M/D	10787
885-10251-15	TP5 4'	Total/NA	Solid	8015M/D	10787
885-10251-16	TP6 0'	Total/NA	Solid	8015M/D	10787
885-10251-17	TP6 2'	Total/NA	Solid	8015M/D	10787

Eurofins Albuquerque

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

GC Semi VOA (Continued)

Analysis Batch: 10765 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-18	TP6 3'	Total/NA	Solid	8015M/D	10787
885-10251-19	TP7 0'	Total/NA	Solid	8015M/D	10787
MB 885-10787/1-A	Method Blank	Total/NA	Solid	8015M/D	10787
LCS 885-10787/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10787
885-10251-19 MS	TP7 0'	Total/NA	Solid	8015M/D	10787
885-10251-19 MSD	TP7 0'	Total/NA	Solid	8015M/D	10787

Prep Batch: 10787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-1	TP1 0'	Total/NA	Solid	SHAKE	
885-10251-2	TP1 2'	Total/NA	Solid	SHAKE	
885-10251-3	TP1 4'	Total/NA	Solid	SHAKE	
885-10251-4	TP2 0'	Total/NA	Solid	SHAKE	
885-10251-5	TP2 2'	Total/NA	Solid	SHAKE	
885-10251-6	TP2 4'	Total/NA	Solid	SHAKE	
885-10251-7	TP3 0'	Total/NA	Solid	SHAKE	
885-10251-8	TP3 2'	Total/NA	Solid	SHAKE	
885-10251-9	TP3 4'	Total/NA	Solid	SHAKE	
885-10251-10	TP4 0'	Total/NA	Solid	SHAKE	
885-10251-11	TP4 2'	Total/NA	Solid	SHAKE	
885-10251-12	TP4 3'	Total/NA	Solid	SHAKE	
885-10251-13	TP5 0'	Total/NA	Solid	SHAKE	
885-10251-14	TP5 2'	Total/NA	Solid	SHAKE	
885-10251-15	TP5 4'	Total/NA	Solid	SHAKE	
885-10251-16	TP6 0'	Total/NA	Solid	SHAKE	
885-10251-17	TP6 2'	Total/NA	Solid	SHAKE	
885-10251-18	TP6 3'	Total/NA	Solid	SHAKE	
885-10251-19	TP7 0'	Total/NA	Solid	SHAKE	
MB 885-10787/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-10787/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10251-19 MS	TP7 0'	Total/NA	Solid	SHAKE	
885-10251-19 MSD	TP7 0'	Total/NA	Solid	SHAKE	

Prep Batch: 10855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-20	TP7 2'	Total/NA	Solid	SHAKE	
MB 885-10855/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-10855/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 10868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-20	TP7 2'	Total/NA	Solid	8015M/D	10855
MB 885-10855/1-A	Method Blank	Total/NA	Solid	8015M/D	10855
LCS 885-10855/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10855

HPLC/IC

Prep Batch: 10642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-21	TP7 3'	Total/NA	Solid	300_Prep	
885-10251-22	TP8 0'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

HPLC/IC (Continued)

Prep Batch: 10642 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-23	TP8 2'	Total/NA	Solid	300_Prep	
885-10251-24	TP8 4'	Total/NA	Solid	300_Prep	
885-10251-25	TP9 0'	Total/NA	Solid	300_Prep	
885-10251-26	TP9 2'	Total/NA	Solid	300_Prep	
885-10251-27	TP9 4'	Total/NA	Solid	300_Prep	
885-10251-28	TP10 0'	Total/NA	Solid	300_Prep	
885-10251-29	TP10 2'	Total/NA	Solid	300_Prep	
885-10251-30	TP10 4'	Total/NA	Solid	300_Prep	
885-10251-31	TP11 0'	Total/NA	Solid	300_Prep	
MB 885-10642/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-10642/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-10251-31 MS	TP11 0'	Total/NA	Solid	300_Prep	
885-10251-31 MSD	TP11 0'	Total/NA	Solid	300_Prep	

Prep Batch: 10803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-1	TP1 0'	Total/NA	Solid	300_Prep	
885-10251-2	TP1 2'	Total/NA	Solid	300_Prep	
885-10251-3	TP1 4'	Total/NA	Solid	300_Prep	
885-10251-4	TP2 0'	Total/NA	Solid	300_Prep	
885-10251-5	TP2 2'	Total/NA	Solid	300_Prep	
885-10251-6	TP2 4'	Total/NA	Solid	300_Prep	
885-10251-7	TP3 0'	Total/NA	Solid	300_Prep	
885-10251-8	TP3 2'	Total/NA	Solid	300_Prep	
885-10251-9	TP3 4'	Total/NA	Solid	300_Prep	
885-10251-10	TP4 0'	Total/NA	Solid	300_Prep	
885-10251-11	TP4 2'	Total/NA	Solid	300_Prep	
885-10251-12	TP4 3'	Total/NA	Solid	300_Prep	
885-10251-13	TP5 0'	Total/NA	Solid	300_Prep	
885-10251-14	TP5 2'	Total/NA	Solid	300_Prep	
885-10251-15	TP5 4'	Total/NA	Solid	300_Prep	
885-10251-16	TP6 0'	Total/NA	Solid	300_Prep	
885-10251-17	TP6 2'	Total/NA	Solid	300_Prep	
885-10251-18	TP6 3'	Total/NA	Solid	300_Prep	
885-10251-19	TP7 0'	Total/NA	Solid	300_Prep	
885-10251-32	TP11 2'	Total/NA	Solid	300_Prep	
MB 885-10803/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-10803/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-10251-11 MSD	TP4 2'	Total/NA	Solid	300_Prep	

Analysis Batch: 10841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-2	TP1 2'	Total/NA	Solid	300.0	10803
885-10251-3	TP1 4'	Total/NA	Solid	300.0	10803
885-10251-4	TP2 0'	Total/NA	Solid	300.0	10803
885-10251-5	TP2 2'	Total/NA	Solid	300.0	10803
885-10251-6	TP2 4'	Total/NA	Solid	300.0	10803
885-10251-7	TP3 0'	Total/NA	Solid	300.0	10803
885-10251-8	TP3 2'	Total/NA	Solid	300.0	10803
885-10251-9	TP3 4'	Total/NA	Solid	300.0	10803
885-10251-10	TP4 0'	Total/NA	Solid	300.0	10803

Eurofins Albuquerque

QC Association Summary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

HPLC/IC (Continued)

Analysis Batch: 10841 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-11	TP4 2'	Total/NA	Solid	300.0	10803
885-10251-12	TP4 3'	Total/NA	Solid	300.0	10803
885-10251-13	TP5 0'	Total/NA	Solid	300.0	10803
885-10251-14	TP5 2'	Total/NA	Solid	300.0	10803
885-10251-15	TP5 4'	Total/NA	Solid	300.0	10803
885-10251-16	TP6 0'	Total/NA	Solid	300.0	10803
885-10251-17	TP6 2'	Total/NA	Solid	300.0	10803
885-10251-18	TP6 3'	Total/NA	Solid	300.0	10803
885-10251-19	TP7 0'	Total/NA	Solid	300.0	10803
885-10251-21	TP7 3'	Total/NA	Solid	300.0	10642
885-10251-22	TP8 0'	Total/NA	Solid	300.0	10642
885-10251-23	TP8 2'	Total/NA	Solid	300.0	10642
885-10251-24	TP8 4'	Total/NA	Solid	300.0	10642
885-10251-25	TP9 0'	Total/NA	Solid	300.0	10642
885-10251-26	TP9 2'	Total/NA	Solid	300.0	10642
885-10251-27	TP9 4'	Total/NA	Solid	300.0	10642
885-10251-28	TP10 0'	Total/NA	Solid	300.0	10642
885-10251-29	TP10 2'	Total/NA	Solid	300.0	10642
885-10251-30	TP10 4'	Total/NA	Solid	300.0	10642
885-10251-31	TP11 0'	Total/NA	Solid	300.0	10642
885-10251-32	TP11 2'	Total/NA	Solid	300.0	10803
MB 885-10642/1-A	Method Blank	Total/NA	Solid	300.0	10642
MB 885-10803/1-A	Method Blank	Total/NA	Solid	300.0	10803
LCS 885-10642/2-A	Lab Control Sample	Total/NA	Solid	300.0	10642
LCS 885-10803/2-A	Lab Control Sample	Total/NA	Solid	300.0	10803
885-10251-11 MSD	TP4 2'	Total/NA	Solid	300.0	10803
885-10251-31 MS	TP11 0'	Total/NA	Solid	300.0	10642
885-10251-31 MSD	TP11 0'	Total/NA	Solid	300.0	10642

Prep Batch: 10881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-20	TP7 2'	Total/NA	Solid	300_Prep	
885-10251-33	TP11 4'	Total/NA	Solid	300_Prep	
MB 885-10881/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-10881/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-10251-20 MS	TP7 2'	Total/NA	Solid	300_Prep	
885-10251-20 MSD	TP7 2'	Total/NA	Solid	300_Prep	

Analysis Batch: 10908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10251-1	TP1 0'	Total/NA	Solid	300.0	10803
885-10251-20	TP7 2'	Total/NA	Solid	300.0	10881
885-10251-33	TP11 4'	Total/NA	Solid	300.0	10881
MB 885-10881/1-A	Method Blank	Total/NA	Solid	300.0	10881
MB 885-10908/4	Method Blank	Total/NA	Solid	300.0	
LCS 885-10881/2-A	Lab Control Sample	Total/NA	Solid	300.0	10881
MRL 885-10908/3	Lab Control Sample	Total/NA	Solid	300.0	
885-10251-20 MS	TP7 2'	Total/NA	Solid	300.0	10881
885-10251-20 MSD	TP7 2'	Total/NA	Solid	300.0	10881

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP1 0'

Lab Sample ID: 885-10251-1

Date Collected: 08/16/24 07:30

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 18:15
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 18:15
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 13:35
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		100	10908	RC	EET ALB	08/24/24 01:06

Client Sample ID: TP1 2'

Lab Sample ID: 885-10251-2

Date Collected: 08/16/24 07:35

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 19:25
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 19:25
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 13:45
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 17:17

Client Sample ID: TP1 4'

Lab Sample ID: 885-10251-3

Date Collected: 08/16/24 07:42

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 20:35
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 20:35
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 13:56
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 17:55

Client Sample ID: TP2 0'

Lab Sample ID: 885-10251-4

Date Collected: 08/16/24 07:53

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 20:59

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP2 0'

Lab Sample ID: 885-10251-4

Date Collected: 08/16/24 07:53

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 20:59
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 14:07
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 18:08

Client Sample ID: TP2 2'

Lab Sample ID: 885-10251-5

Date Collected: 08/16/24 08:06

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 21:22
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 21:22
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 14:18
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 18:21

Client Sample ID: TP2 4'

Lab Sample ID: 885-10251-6

Date Collected: 08/16/24 08:12

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 21:45
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 21:45
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 14:29
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 18:34

Client Sample ID: TP3 0'

Lab Sample ID: 885-10251-7

Date Collected: 08/16/24 08:31

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 22:09
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 22:09

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP3 0'

Lab Sample ID: 885-10251-7

Date Collected: 08/16/24 08:31

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 14:50
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 18:47

Client Sample ID: TP3 2'

Lab Sample ID: 885-10251-8

Date Collected: 08/16/24 08:46

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 22:32
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 22:32
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 15:01
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 19:00

Client Sample ID: TP3 4'

Lab Sample ID: 885-10251-9

Date Collected: 08/16/24 08:53

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 22:55
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 22:55
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 15:12
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 19:13

Client Sample ID: TP4 0'

Lab Sample ID: 885-10251-10

Date Collected: 08/16/24 09:14

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/22/24 23:19
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/22/24 23:19
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 15:23

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP4 0'

Lab Sample ID: 885-10251-10

Date Collected: 08/16/24 09:14

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 19:25

Client Sample ID: TP4 2'

Lab Sample ID: 885-10251-11

Date Collected: 08/16/24 09:25

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 00:05
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 00:05
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 15:34
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 19:38

Client Sample ID: TP4 3'

Lab Sample ID: 885-10251-12

Date Collected: 08/16/24 09:31

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 00:29
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 00:29
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 15:45
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 20:43

Client Sample ID: TP5 0'

Lab Sample ID: 885-10251-13

Date Collected: 08/16/24 09:41

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 00:52
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 00:52
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 15:56
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 20:55

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP5 2'

Lab Sample ID: 885-10251-14

Date Collected: 08/16/24 09:49

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 01:15
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 01:15
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 16:07
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 21:08

Client Sample ID: TP5 4'

Lab Sample ID: 885-10251-15

Date Collected: 08/16/24 09:56

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 01:39
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 01:39
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 16:18
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 21:21

Client Sample ID: TP6 0'

Lab Sample ID: 885-10251-16

Date Collected: 08/16/24 10:11

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 02:02
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 02:02
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 16:40
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 21:34

Client Sample ID: TP6 2'

Lab Sample ID: 885-10251-17

Date Collected: 08/16/24 10:16

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 02:25

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP6 2'

Lab Sample ID: 885-10251-17

Date Collected: 08/16/24 10:16

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 02:25
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 16:51
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 21:47

Client Sample ID: TP6 3'

Lab Sample ID: 885-10251-18

Date Collected: 08/16/24 10:28

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 02:49
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 02:49
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 17:02
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 22:00

Client Sample ID: TP7 0'

Lab Sample ID: 885-10251-19

Date Collected: 08/16/24 10:39

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 03:12
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 03:12
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 17:13
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 22:13

Client Sample ID: TP7 2'

Lab Sample ID: 885-10251-20

Date Collected: 08/16/24 10:44

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8015M/D		1	10860	JP	EET ALB	08/23/24 03:36
Total/NA	Prep	5030C			10713	JP	EET ALB	08/21/24 14:56
Total/NA	Analysis	8021B		1	10861	JP	EET ALB	08/23/24 03:36

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP7 2'

Lab Sample ID: 885-10251-20

Date Collected: 08/16/24 10:44

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			10855	KR	EET ALB	08/23/24 09:43
Total/NA	Analysis	8015M/D		1	10868	KR	EET ALB	08/23/24 16:45
Total/NA	Prep	300_Prep			10881	EH	EET ALB	08/23/24 12:45
Total/NA	Analysis	300.0		20	10908	RC	EET ALB	08/23/24 17:04

Client Sample ID: TP7 3'

Lab Sample ID: 885-10251-21

Date Collected: 08/16/24 10:59

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 13:30
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 13:30
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 19:29
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 10:51

Client Sample ID: TP8 0'

Lab Sample ID: 885-10251-22

Date Collected: 08/16/24 11:20

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 14:36
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 14:36
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 19:40
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 11:04

Client Sample ID: TP8 2'

Lab Sample ID: 885-10251-23

Date Collected: 08/16/24 11:29

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 15:42
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 15:42
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 19:52

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP8 2'

Lab Sample ID: 885-10251-23

Date Collected: 08/16/24 11:29

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 11:17

Client Sample ID: TP8 4'

Lab Sample ID: 885-10251-24

Date Collected: 08/16/24 11:41

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 16:04
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 16:04
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 20:03
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 11:30

Client Sample ID: TP9 0'

Lab Sample ID: 885-10251-25

Date Collected: 08/19/24 13:23

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 16:25
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 16:25
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 20:25
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 11:42

Client Sample ID: TP9 2'

Lab Sample ID: 885-10251-26

Date Collected: 08/19/24 13:09

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 16:47
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 16:47
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 20:36
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 11:55

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP9 4'

Lab Sample ID: 885-10251-27

Date Collected: 08/19/24 13:20

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 17:09
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 17:09
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 20:47
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 12:08

Client Sample ID: TP10 0'

Lab Sample ID: 885-10251-28

Date Collected: 08/19/24 12:00

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 17:31
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 17:31
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 20:58
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 12:47

Client Sample ID: TP10 2'

Lab Sample ID: 885-10251-29

Date Collected: 08/19/24 12:04

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 17:53
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 17:53
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 21:09
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 13:00

Client Sample ID: TP10 4'

Lab Sample ID: 885-10251-30

Date Collected: 08/19/24 12:20

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 18:15

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP10 4'

Lab Sample ID: 885-10251-30

Date Collected: 08/19/24 12:20

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 18:15
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 21:20
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:07
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 13:12

Client Sample ID: TP11 0'

Lab Sample ID: 885-10251-31

Date Collected: 08/19/24 13:35

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 18:58
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 18:58
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 21:32
Total/NA	Prep	300_Prep			10642	KB	EET ALB	08/21/24 16:39
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 13:25

Client Sample ID: TP11 2'

Lab Sample ID: 885-10251-32

Date Collected: 08/19/24 13:41

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 19:20
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 19:20
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 21:43
Total/NA	Prep	300_Prep			10803	EH	EET ALB	08/22/24 13:41
Total/NA	Analysis	300.0		20	10841	EH	EET ALB	08/22/24 22:51

Client Sample ID: TP11 4'

Lab Sample ID: 885-10251-33

Date Collected: 08/19/24 13:52

Matrix: Solid

Date Received: 08/21/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8015M/D		1	10849	AT	EET ALB	08/22/24 19:42
Total/NA	Prep	5030C			10684	AT	EET ALB	08/21/24 11:30
Total/NA	Analysis	8021B		1	10850	AT	EET ALB	08/22/24 19:42

Eurofins Albuquerque

Lab Chronicle

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Client Sample ID: TP11 4'

Date Collected: 08/19/24 13:52

Date Received: 08/21/24 07:40

Lab Sample ID: 885-10251-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 21:54
Total/NA	Prep	300_Prep			10881	EH	EET ALB	08/23/24 12:45
Total/NA	Analysis	300.0		20	10908	RC	EET ALB	08/23/24 17:41

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

Accreditation/Certification Summary

Client: Souder, Miller & Associates
Project/Site: Rebel 20 Federal 5H

Job ID: 885-10251-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-25

Chain-of-Custody Record

Client: Devon Energy
Dale Woodall

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☒ Rush 5 Day

Project Name:

Rebel 20 Federal 5H

Project #:

5E32074-BG15

Project Manager:

Stephanie Hinds

Sampler: MTP

On Ice: ☐ Yes ☐ No

of Coolers: 1

Cooler Temp (Including CF): 1.3 + 0.3 = 1.6 (°C)

Container
Type and #

Preservative
Type

HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
8/16	7:30	Soil	TP1 0'	4oz	ice	1
	7:35		2'			2
	7:42		4'			3
	7:53		TP2 0'			4
	8:06		2'			5
	8:12		4'			6
	8:31		TP3 0'			7
	8:46		2'			8
	8:53		4'			9
	9:14		TP4 0'			10
	9:25		2'			11
	9:31		3'			12

Date: 8/20/24 Time: 8:43 Relinquished by: [Signature]

Received by: [Signature] Via: [Signature] Date: 8/20/24 Time: 11:43

Date: 8/21/24 Time: 9:00 Relinquished by: [Signature]

Received by: [Signature] Via: [Signature] Date: 8/21/24 Time: 7:40

Remarks: Direct Bill: Devon CC: M. Peppin

Provide NM Soils Pilot EDD



**HALL ENVIRONMENTAL
ANALYSIS LABO**



www.hallenvironmental.com 885-10251 COC

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

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.

2 of 3

Chain-of-Custody Record

Client: Devon EnergyMailing Address: Dale Woodall

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush 5 Day

Project Name:

Rebel 20 Federal SH

Project #:

5E32074-BG15

Project Manager:

Stephanie HindsSampler: MJPOn Ice: ☒ Yes ☐ No# of Coolers: 1Cooler Temp (including CF): 1.3 + 0.3 = 1.6 (°C)Container
Type and #Preservative
Type

HEAL No.

Date Time Matrix Sample Name

8/16	9:41	Soil	TP5 0'	402	ice	13
	9:49		2'			14
	9:56		4'			15
	10:11		TP6 0'			16
	10:16		2'			17
	10:28		3'			18
	10:39		TP7 0'			19
	10:44		2'			20
	10:59		3'			21
	11:20		TP8 0'			22
	11:29		2'			23
	11:41		4'			24

Date Time

Relinquished by:

Received by: Via:

Date Time

Remarks:

Date Time

Relinquished by:

Received by: Via:

Date Time

Remarks:

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

Date Time

Relinquished by:

Received by: Via:

Date Time

Remarks:

Date Time

Relinquished by:

Received by: Via:

Date Time

Remarks:

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

11 10 9 8 7 6 5 4 3 2 1

Chain-of-Custody Record

Client: Devon Energy

Dale Woodall

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard ☒ Rush 5 Days

Project Name:

Rebel 20 Federal St

Project #:

Project Manager:

Stephanie Hinds

Sampler: MJP

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 13 + 0.3 = 1.6 (°C)

Container
Type and #Preservative
Type

HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
8/19	11:03	Soil	TP9 0'	402	ice	25
	11:09		2'			26
	11:20		4'			27
	12:00		TP10 0'			28
	12:04		2'			29
	12:20		4'			30
	1:35		TP11 0'			31
	1:41		2'			32
	1:52		4'			33

Date: 8/20/24

Time: 8:43

Relinquished by:

Received by:

Via:

Date: 8/20/24

Time: 8:43

Date: 8/20/24

Time: 1:00

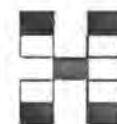
Relinquished by:

Received by:

Via:

Date: 8/20/24

Time: 7:40

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

Remarks:

Direct bill Devon CC: M. Peppin

Provide NM Soils Pivot EDD

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

Login Sample Receipt Checklist

Client: Souder, Miller & Associates

Job Number: 885-10251-1

Login Number: 10251

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
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	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



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

May 15, 2025

LUPE CARRASCO

MMX

2737 PECOS HWY

CARLSBAD, NM 88220

RE: REBEL 20 FEDERAL 5H

Enclosed are the results of analyses for samples received by the laboratory on 05/12/25 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MMX
 LUPE CARRASCO
 2737 PECOS HWY
 CARLSBAD NM, 88220
 Fax To: (575) 236-6201

Received: 05/12/2025
 Reported: 05/15/2025
 Project Name: REBEL 20 FEDERAL 5H
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/09/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP 12 - 0 (H252813-01)

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	05/14/2025	ND	2.12	106	2.00	2.60	
Toluene*	<0.050	0.050	05/14/2025	ND	2.17	108	2.00	2.97	
Ethylbenzene*	<0.050	0.050	05/14/2025	ND	2.13	106	2.00	2.87	
Total Xylenes*	<0.150	0.150	05/14/2025	ND	6.29	105	6.00	3.27	
Total BTEX	<0.300	0.300	05/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/14/2025	ND	448	112	400	3.64		

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	05/13/2025	ND	196	98.2	200	2.50	
DRO >C10-C28*	<10.0	10.0	05/13/2025	ND	200	100	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	05/13/2025	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MMX
 LUPE CARRASCO
 2737 PECOS HWY
 CARLSBAD NM, 88220
 Fax To: (575) 236-6201

Received: 05/12/2025
 Reported: 05/15/2025
 Project Name: REBEL 20 FEDERAL 5H
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/09/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP 12 - 2' (H252813-02)

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	05/14/2025	ND	2.07	104	2.00	2.08		
Toluene*	<0.050	0.050	05/14/2025	ND	2.09	105	2.00	1.58		
Ethylbenzene*	<0.050	0.050	05/14/2025	ND	2.09	105	2.00	0.989		
Total Xylenes*	<0.150	0.150	05/14/2025	ND	6.56	109	6.00	0.163		
Total BTEX	<0.300	0.300	05/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/14/2025	ND	448	112	400	3.64		

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	05/13/2025	ND	191	95.6	200	3.65	
DRO >C10-C28*	<10.0	10.0	05/13/2025	ND	187	93.4	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	05/13/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MMX
 LUPE CARRASCO
 2737 PECOS HWY
 CARLSBAD NM, 88220
 Fax To: (575) 236-6201

Received: 05/12/2025
 Reported: 05/15/2025
 Project Name: REBEL 20 FEDERAL 5H
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/09/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP 13 - 0 (H252813-03)

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	05/14/2025	ND	2.07	104	2.00	2.08		
Toluene*	<0.050	0.050	05/14/2025	ND	2.09	105	2.00	1.58		
Ethylbenzene*	<0.050	0.050	05/14/2025	ND	2.09	105	2.00	0.989		
Total Xylenes*	<0.150	0.150	05/14/2025	ND	6.56	109	6.00	0.163		
Total BTEX	<0.300	0.300	05/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/14/2025	ND	448	112	400	3.64		

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	05/13/2025	ND	191	95.6	200	3.65	
DRO >C10-C28*	<10.0	10.0	05/13/2025	ND	187	93.4	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	05/13/2025	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MMX
 LUPE CARRASCO
 2737 PECOS HWY
 CARLSBAD NM, 88220
 Fax To: (575) 236-6201

Received:	05/12/2025	Sampling Date:	05/09/2025
Reported:	05/15/2025	Sampling Type:	Soil
Project Name:	REBEL 20 FEDERAL 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: TP 13 - 2' (H252813-04)

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	05/14/2025	ND	2.07	104	2.00	2.08		
Toluene*	<0.050	0.050	05/14/2025	ND	2.09	105	2.00	1.58		
Ethylbenzene*	<0.050	0.050	05/14/2025	ND	2.09	105	2.00	0.989		
Total Xylenes*	<0.150	0.150	05/14/2025	ND	6.56	109	6.00	0.163		
Total BTEX	<0.300	0.300	05/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/14/2025	ND	448	112	400	3.64		

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	05/13/2025	ND	191	95.6	200	3.65	
DRO >C10-C28*	<10.0	10.0	05/13/2025	ND	187	93.4	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	05/13/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: (575) 393-2326 FAX (575) 393-2476		BILL TO		ANALYSIS REQUEST										
Project Manager: Hayden Acosta		P.O. #:												
Address:		Company: MMX												
City: State: Zip:		Attn: Lupe Carrasco												
Phone #: Fax #:		Address:												
Project #: Project Owner:		City:												
Project Name: Rebel AO Federal SH		State: Zip:												
Project Location:		Phone #: Fax #:												
Sampler Name: MARISA Loyt														
FOR LAB USE ONLY														
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.	SAMPLING			
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:	DATE	TIME		
H052813 1 2 3 4		TP12-0 TP12-2' TP13-0 TP13-2'		X 		X 		X 		X 	5/9/25 		IPH BTEX Chloride	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's 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: [Signature]		Date: 5/2/25		Received By: [Signature]		Phone Result: ☐ Yes ☒ No		Fax Result: ☐ Yes ☒ No		Add'l Phone #:				
Relinquished By:		Time: 1000		Received By:		REMARKS: standard				Add'l Fax #:				
Delivered By: (Circle One)		Date:		Sample Condition		CHECKED BY: (Initials)								
Sampler - UPS - Bus - Other:		Time:		Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No		SK								
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326														

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 469017

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 469017
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2334572940
Incident Name	NAPP2334572940 REBEL 20 FEDERAL 5H @ 30-025-42769
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-42769] REBEL 20 FEDERAL #005H

Location of Release Source

Please answer all the questions in this group.

Site Name	REBEL 20 FEDERAL 5H
Date Release Discovered	12/11/2023
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 76 BBL Recovered: 75 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)	2" CHOKE AT THE WELLHEAD FAILED. 76 BBLs PW RELEASED ONTO PAD. 75 BBLs RECOVERED. WELL SHUT IN TO STOP LEAK.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 469017

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 469017
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 05/29/2025
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 469017

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 469017
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	8500
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	290
GRO+DRO (EPA SW-846 Method 8015M)	130
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/10/2024
On what date will (or did) the final sampling or liner inspection occur	09/13/2024
On what date will (or was) the remediation complete(d)	09/13/2024
What is the estimated surface area (in square feet) that will be reclaimed	128
What is the estimated volume (in cubic yards) that will be reclaimed	6953
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 469017

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 469017
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 05/29/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 469017

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 469017
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 469017

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 469017
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	443783
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/21/2025
What was the (estimated) number of samples that were to be gathered	6
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	6953
What was the total volume (cubic yards) remediated	128
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/29/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 469017

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 469017
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 469017

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 469017
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	7/15/2025