Remediation Summary and Closure Report

January 19, 2026

RR Bell Battery
API No. 30-025-04401
Incident No. nAPP2405454076
Lea County, New Mexico

Prepared For:

Forty Acres Energy, LLC
11757 Katy Freeway, Suite 725
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Odessa, Texas 79761

Cynthia K. Crain, P.G.

Crain Environmental

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1.0 Introduction

Crain Environmental (CE), on behalf of Forty Acres Energy, LLC (FAE), has prepared this *Remediation Summary and Closure Report* for the crude oil release at RR Bell Battery (Site), located approximately 13 miles northwest of Eunice and approximately 15 miles southwest of Hobbs, in Lea County, New Mexico. The global positioning system (GPS) coordinates for the release point are 32.531414, -103.348655. The property surface rights are privately owned. Land use in the Site vicinity is primarily oil and gas production activity and cattle grazing. The location of the Site is depicted on Figure 1.

2.0 Background

On September 28, 2023, a release was discovered at a flow line located within the RR Bell Battery. As a result of corrosion of the flow line, approximately 5 barrels (bbls) of crude oil were released. Immediately following the release, the area was secured, and the flow line was repaired. The released fluid flowed on the ground within the Battery, and surface impacts covered approximately 3,000 square feet. No free-standing fluid was recovered. The release point and the surface extent of the release are depicted on Figure 2.

A Notification of Release (NOR) was submitted to the New Mexico Oil Conservation Division (NMOCD) on February 23, 2024, and Incident #nAPP2405454076 was assigned. An Initial Form C-141 (Release Notification Report) was approved on March 7, 2024. Appendix A provides a copy of the NOR with release calculations and a C-141.

On August 1, 2024, a Site Characterization Report and Remediation Workplan (Workplan) was submitted to the NMOCD. The Workplan was approved on August 6, 2024, with a due date of November 4, 2024 for report submission.

On October 14, 2024, FAE requested a 90-day extension to submit a Closure Report. On October 15, 2024, the NMOCD approved a new due date of February 3, 2025. On February 5, 2025, FAE requested an extension, and a 30-day extension was approved by the NMOCD on February 6, 2025, with a new due date of March 5, 2025. Appendix B provides a copy of the NMOCD correspondence.

This Remediation Summary and Closure Report has been prepared in accordance with 19.15.29.11 New Mexico Administrative Code (NMAC).

3.0 NMOCD Closure Criteria

Cleanup standards for produced water spills are provided in 19.15.29 NMAC. The cleanup standards (described in the rule as “Closure Criteria”) are based primarily on depth to groundwater but are also based on other criteria. Three different Closure Criteria are provided in the rule. The most stringent apply to sites where groundwater is found within 50 feet of the ground surface or if the release occurred within one of the following areas:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
- Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary highwater mark).

- Within 300 feet from an occupied permanent residence, school, hospital, institution or church.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Within 1,000 feet of any fresh water well or spring.
- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
- Within 300 feet of a wetland.
- Within the area overlying a subsurface mine.
- Within an unstable area such as a karst formation.
- Within a 100-year floodplain.

CE reviewed available information to determine the Closure Criteria for the Site. The findings of this evaluation are summarized below.

3.1 Groundwater Evaluation

A review of the New Mexico Office of the State Engineer (NMOSE) records indicated there are no water wells located within 1 mile of the Site. Based on the absence of water well data, the most stringent NMOCD Closure Criteria will apply to the Site.

3.2 Surface Features and Other Development

CE reviewed recent aerial photographs, topographic maps, the NMOSE Point of Discharge (POD) GIS website, and information available from the Lea County, New Mexico Central Appraisal District website. As shown on Figure 1, the Site is **not** located:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
  - No continuously flowing watercourses (rivers, streams, arroyos, etc.) are apparent within 300 feet of the Site in the topographic map (Figure 1).
- Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary highwater mark).
  - The topographic map (Figure 1) indicates there is not a lakebed, sinkhole or playa lake located within 200 feet of the Site.
- Within 300 feet from an occupied permanent residence, school, hospital, institution or church.
  - The Site Location Map (Figure 1) and information available from the Lea County, New Mexico Central Appraisal District do not show or list any permanent residence, school, hospital, institution or church located within 300 feet of the Site.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.
  - No wells or springs located within 500 feet of the Site appear in any of the NMOSE records reviewed by CE.
- Within 1,000 feet of any fresh water well or spring.

- No freshwater wells or springs located within 1,000 feet of the Site appear in any of the records reviewed by CE.

- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
  - Based on the property and other records review by CE, the Site is not located in incorporated municipal boundaries or within a defined municipal fresh water well field.
- Within the area overlying a subsurface mine.
  - Based on the property and other records reviewed by CE, the Site is not located within an area overlying a subsurface mine.

3.3 Wetlands, Floodplain, and Karst Geology

A review of the United States Fish and Wildlife Service (USFWS) wetlands map indicated the Site is not located within 300 feet of a wetland. The New Mexico Bureau of Land Management (BLM) karst potential map indicates the Site is located within a "low karst potential" area. Finally, review of the Federal Emergency Management Act (FEMA) floodplain map indicates the release at the Site is located outside of a 100-year floodplain. Figures 4, 5, and 6 depict the USFWS map, the FEMA floodplain map, and the karst potential map, respectively.

3.4 Closure Criteria Currently Assumed Applicable to the Site

The Closure Criteria applicable to the Site will be based on the estimated depth to groundwater, which dictates the most stringent regulatory guidelines typically associated with groundwater depths of less than fifty (50) feet below ground surface (bgs). A summary of the Closure Criteria is provided in the table below and in Table 1.

NMOCD Closure Criteria

Constituent of Concern		Closure Criteria Based on Depth to Groundwater (mg/kg)		
		≤ 50 feet bgs	51 feet to 100 feet bgs	> 100 feet bgs
Chloride (EPA 300)		600	10,000	20,000
TPH (EPA 8015M)	GRO + DRO + MRO	100	2,500	2,500
	GRO + DRO	NA	1,000	1,000
Total BTEX (EPA 8021 or 8260)		50	50	50
Benzene (EPA 8021 or 8260)		10	10	10

Notes: NA = not applicable
bgs = below ground surface
mg/kg = milligrams per kilogram
GRO = gasoline range organics
DRO = diesel range organics
MRO = motor oil range organics
TPH = total petroleum hydrocarbons
BTEX = benzene, toluene, ethylbenzene, and total xylenes
Green highlighted cells denote applicable Closure Criteria.

4.0 Site Assessment/Characterization Results

As per 19.15.29.11 NMAC, a Site Characterization Report will have the components described in Sections 4.1 through 4.5 of this document.

4.1 Site Map

As required by 19.15.29.11 NMAC, a scaled diagram showing significant Site infrastructure, sample point locations, and known subsurface features such as utilities is provided as Figure 2.

4.2 Depth to Groundwater

As discussed in Section 3.1, the exact depth to groundwater beneath the Site is unknown. During investigation activities, a maximum depth of 7 feet bgs was reached, at which groundwater was not encountered.

4.3 Wellhead Protection Area

The 0.5-mile wellhead protection area is shown on Figure 3. No known water wells are located within 0.5 mile of the Site. There were no other water sources, springs, or other sources of freshwater extraction identified within 0.5-mile of the Site.

4.4 Distance to Nearest Significant Watercourse

The horizontal distance to the nearest significant watercourse as defined in Subsection P of 19.15.17.7 NMAC is greater than 0.5-mile from the Site.

4.5 Summary of Remediation Activities

Following approval of the Site Characterization Report and Remediation Workplan, excavation was continued until five-point confirmation samples collected from the bottom and sidewalls of the excavation reported all final total petroleum hydrocarbons (TPH) and chloride concentrations below the NMOCD Closure Criteria.

Additional excavation was conducted following the sampling events of July 25, 2024, and April 23, June 25, and August 21, 2025, until final confirmation samples were collected on October 15, 2025.

All confirmation samples were collected pursuant to 19.15.29.12(D) NMAC, and were placed in clean glass sample jars, properly labeled, immediately placed on ice and hand delivered to Eurofins Environment Testing (Eurofins) in Midland, Texas under proper chain-of-custody control. All samples were analyzed for TPH by EPA Method SW846 (8015B NM), and for chlorides by EPA Method 300.0. As approved in the Site Characterization Report and Remediation Workplan, analyses were not conducted for BTEX.

Table 1 provides a summary of the laboratory results, and sample locations are provided on Figure 2. The laboratory reports and chain-of-custody documentation are provided in Appendix C. Photographic documentation is provided in Appendix D.

Referring to Table 1, concentrations of TPH and chlorides were reported below the Closure Criteria in all final samples.

All affected soil has been excavated, and 640 cy were hauled to disposal at either Cooper or J&L Landfarm. Waste manifests are provided in Appendix E.

Upon NMOCD approval of this Closure Report, the excavation will be backfilled to grade with non-impacted similar material obtained from a landowner pit. Pursuant to 19.15.29.13 NMAC, the surface area will be restored to pre-release conditions. Surface grading will be performed to near original conditions and contoured to prevent erosion and ponding, promote stability, and preserve storm water flow patterns.

4.6 Laboratory Analytical Data Quality Assurance/Quality Control Results

Data reported in Job Numbers 880-57399-1, 880-59786-1, 880-46538-1, 880-6188301, and 880-64032-1 generated by Eurofins in Midland, Texas, was reviewed to ensure that reported analytical results met data quality objectives. It was determined by quality control data associated with analytical results that reported concentrations of target analytes are defensible and that measurement data reliability is within the expected limits of sampling and analytical error. All analytical results are usable for characterization of soil at the Site. The laboratory analytical results are provided as Appendix C.

5.0 Request for Closure

A total of 640 cy of soil was excavated from a 2,300 square foot surface area and hauled to disposal at either Cooper or J&L Landfarm. All soil samples collected during the initial investigation reported benzene and BTEX concentrations below the test method detection limits. All confirmation samples collected from the bottom and sidewalls of the excavations reported TPH and chloride concentrations below the Closure Criteria.

Upon NMOCD approval of this Closure Report, the excavation will be backfilled to grade with non-impacted similar material obtained from a landowner pit. Pursuant to 19.15.29.13 NMAC, the surface area will be restored to pre-release conditions. Surface grading will be performed to near original conditions and contoured to prevent erosion and ponding, promote stability, and preserve storm water flow patterns.

FAE respectfully requests the closure of Incident #nAPP2405454076.

6.0 Distribution

Copy 1: Mike Bratcher
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Copy 2: David Schellstede
Forty Acres Energy, LLC
11757 Katy Freeway, Suite 725
Houston, Texas 77079

TABLE

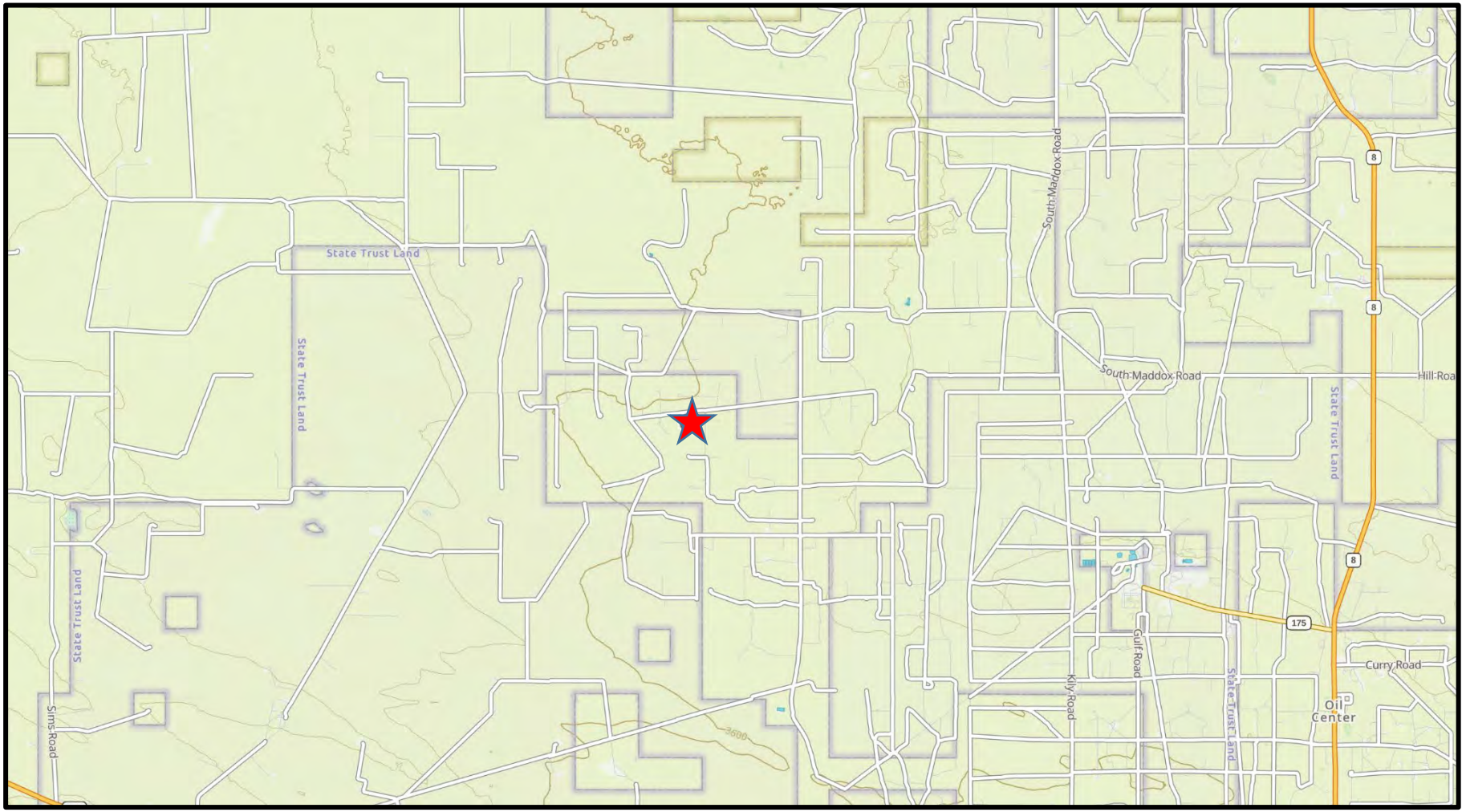
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
FORTY ACRES ENERGY, LLC
RR Bell Tank Battery (30-025-04401)
NMOCD INCIDENT # nAPP2405454076

Sample ID	Sample Date	Sample Depth	Soil Status	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride
				milligrams per kilogram (mg/kg)									
NMOCD Closure Criteria							**100**	**10**	**-**	**-**	**-**	**50**	**600**
CONFIRMATION SIDEWALL SAMPLES													
S-3 (1-2')	05/02/24	1-2'	Excavated	<49.7	**1,330**	<49.7	**1,330**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**197**
S-12 (0-4')	04/23/25	0-4'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**127**
S-4 (1')	05/02/24	1'	Excavated	<49.9	**395**	<49.9	**395**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**11.6**
S-17 (0-3')	04/23/25	0-3'	Excavated	<498	**4,680**	<498	**4,680**	--	--	--	--	--	**153**
S-17 (4-9')	06/25/25	4-9'	Excavated	<50.1	**208**	<50.1	**208**	--	--	--	--	--	**84.2**
S-17 (0-4')	08/21/25	0-4'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	<9.90
S-17 (4-9.5')	08/21/25	4-9.5'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	<10.1
S-5 (1-2')	05/02/24	0-2'	Excavated	<50.0	**110**	<50.0	**110**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**9.44**
S-5 (1-3')	04/23/25	0-3'	In Situ	<49.5	<49.5	<49.5	<49.5	--	--	--	--	--	**106**
S-6 (0-2')	04/23/25	0-2'	In Situ	<49.8	**55.6**	<49.8	**55.6**	--	--	--	--	--	**104**
S-7 (1')	07/25/24	1'	Excavated	<49.8	**1,520**	<49.8	**1,520**	--	--	--	--	--	**12.3 F1**
S-7 (3')	07/25/24	3'	Excavated	**139**	**943**	<49.6	**1,080**	--	--	--	--	--	**50.8**
S-7 (4')	07/25/24	4'	Excavated	<50.0	**406**	<50.0	**406**	--	--	--	--	--	**57.7**
S-20 (0-3')	04/23/25	0-3'	Excavated	<49.8	**115**	<49.8	**115**	--	--	--	--	--	**111.0**
S-20 (0-3.5')	06/25/25	0-3.5'	In Situ	<50.2	<50.2	<50.2	<50.2	--	--	--	--	--	**104**
S-7 (0-2')	04/23/25	0-2'	In Situ	<49.7	<49.7	<49.7	<49.7	--	--	--	--	--	**113**
S-8 (0-2')	04/23/25	0-2'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**88.2**
S-9 (0-2')	04/23/25	0-2'	Excavated	<49.7	**187**	<49.7	**187**	--	--	--	--	--	**112**
S-9 (0-4')	06/25/25	0-4'	In Situ	<49.8	**63.4**	<49.8	**63.4**	--	--	--	--	--	**125**
S-10 (0-4')	04/23/25	0-4'	In Situ	<49.7	<49.7	<49.7	<49.7	--	--	--	--	--	**79.8**
S-11 (0-4')	04/23/25	0-4'	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--	**85.3**
S-13 (0-4')	04/23/25	0-4'	Excavated	<498	**12,500**	<498	**12,500**	--	--	--	--	--	**307**
S-13 (0-4')	06/25/25	0-4'	Excavated	<50.3	**462**	<50.3	**462**	--	--	--	--	--	**202 F1**
S-13 (0-4')	08/21/25	0-4'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	<10.1
S-13 (4-7')	08/21/25	4-7'	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--	<10.1
S-14 (0-4')	04/23/25	0-4'	Excavated	<249	**1,290**	<249	**1,290**	--	--	--	--	--	**150**
S-14 (0-4')	06/25/25	0-4'	In Situ	<50.1	<50.1	<50.1	<50.1	--	--	--	--	--	**99.6**
S-15 (0-4')	04/23/25	0-4'	Excavated	<250	**599**	<250	**599**	--	--	--	--	--	**261**
S-15 (0-4')	06/25/25	0-4'	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--	**110**
S-18 (0-3')	04/23/25	0-3'	In Situ	<49.7	**77.6**	<49.7	**77.6**	--	--	--	--	--	**89.0**
S-27	10/15/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**124**
S-28	10/15/25	0-3.5'	In Situ	<50.1	<50.1	<50.1	<50.1	--	--	--	--	--	**97.1**
CONFIRMATION BOTTOM SAMPLES													
S-1 (1')	05/02/24	1'	Excavated	<49.8	**594**	<49.8	**594**	<0.00199	<0.00199	<0.00199	**0.00648**	**0.00648**	**299**
S-1 (2')	07/25/24	2'	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--	--
S-1 (3')	07/25/24	3'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	--
S-2 (2')	05/02/24	2'	Excavated	<50.5	**2,710**	<50.5	**2,710**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**3,700**
S-2 (3')	07/25/24	3'	Excavated	**1,100**	**5,730**	<49.8	**6,830**	--	--	--	--	--	**342**
S-2 (5')	07/25/24	5'	Excavated	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--	**695**
S-2 (6')	04/23/25	6'	Excavated	<49.8	**1,130**	<49.8	**1,130**	--	--	--	--	--	**486 F1**
S-2 (7')	07/25/24	7'	In Situ	<49.7	<49.7	<49.7	<49.7	--	--	--	--	--	**377**
S-16 (4')	04/23/25	4'	Excavated	<49.9	**158**	<49.9	**158**	--	--	--	--	--	**82.6**
S-16 (9')	06/25/25	9'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**98.9**
S-19 (3')	04/23/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**111**
S-21 (9')	06/25/25	9'	Excavated	<49.8	**138**	<49.8	**138**	--	--	--	--	--	**389**
S-21 (9.5')	08/21/25	9.5'	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--	<9.90
S-22	10/15/25	4'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**149**
S-23	10/15/25	4'	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--	**160**
S-24	10/15/25	6'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**99.2**
S-25	10/15/25	7'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**111**
S-26	10/15/25	7'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**110**
S-29	10/15/25	8'	In Situ	<50.0	<50.0	<50.0	<50.0	--	--	--	--	--	**108**
S-30	10/15/25	8'	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--	**119**

Notes:

1. GRO: Gasoline Range Organics
2. DRO: Diesel Range Organics
3. MRO: Motor Oil Range Organics
4. -: No NMOCD Closure Criteria established.
5. bgs: Below Ground Surface
6. Bold indicates the COC was above the appropriate laboratory method/sample detection limit.
7. < indicates the COC was below the appropriate laboratory method/sample detection limit.
8. Bold and yellow highlighting indicates the COC was above the appropriate NMOCD Closure Criteria.
9. Green highlighting and italic font indicates soil was excavated and disposed.
10. F1: MS and/or MSD recovery exceeds control limits.
11. --: Sample not analyzed for the specific constituent.

FIGURES



LEGEND:

Site Location

Base Map From GAIA GPS

Figure 1

Site Location Map

Forty Acres Energy, LLC

RR Bell Tank Battery

Lea County, New Mexico

Drafted by: CC | Checked by: CC

Draft: August 1, 2024

GPS: 32.531414° -103.348655°

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LEGEND:

- Sidewall Soil Sample Location
- Release Point
- Bottom Sample Location
- Tank Battery Boundary
- Excavation Boundary

Base Map From Google Earth Pro

Figure 2

Soil Sample Location Map

Forty Acres Energy, LLC
RR Bell Tank Battery
Lea County, New Mexico

Drafted by: CC | Checked by: CC
Draft: Jan. 17, 2026
GPS: 32.531414° -103.348655°

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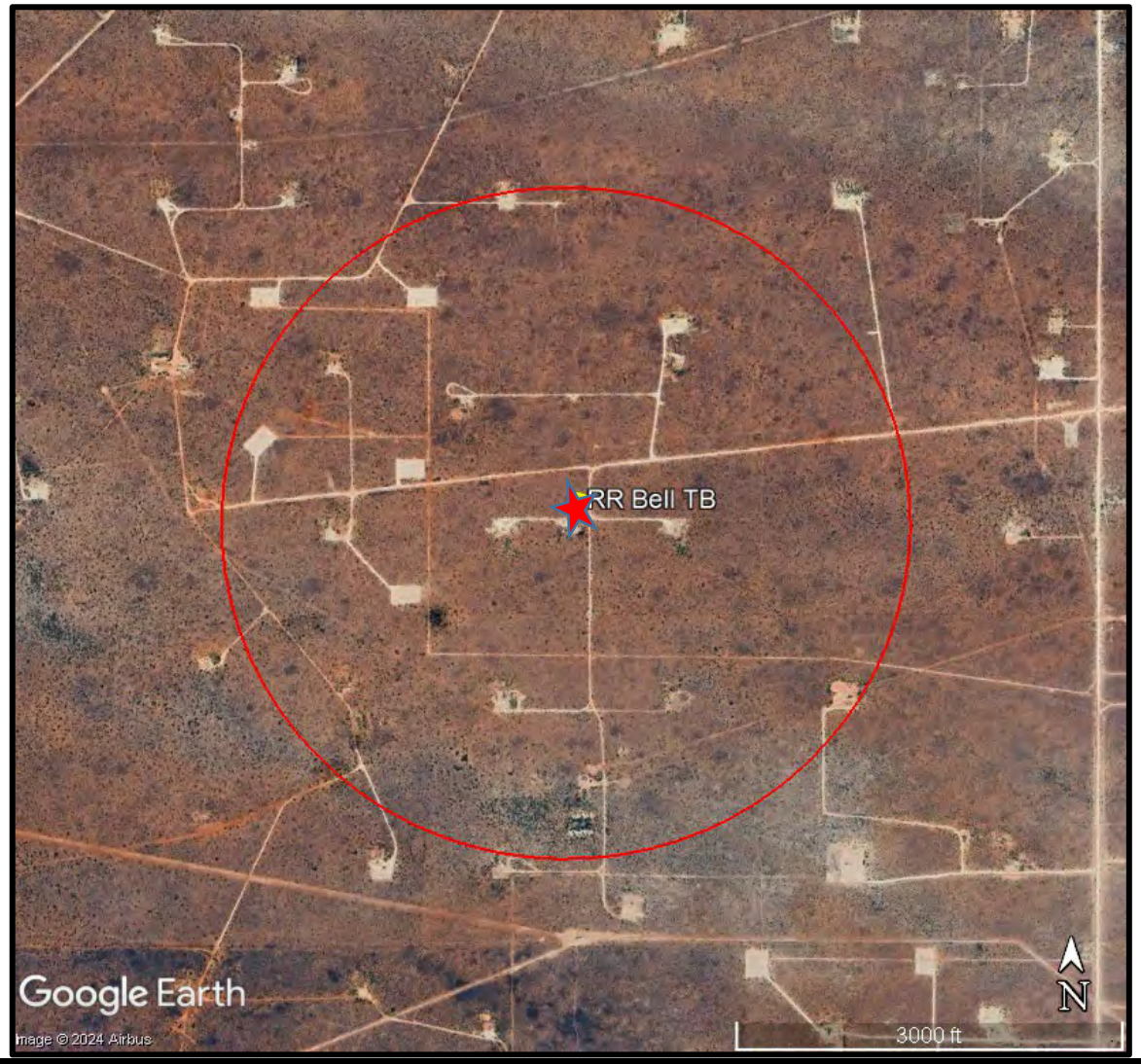
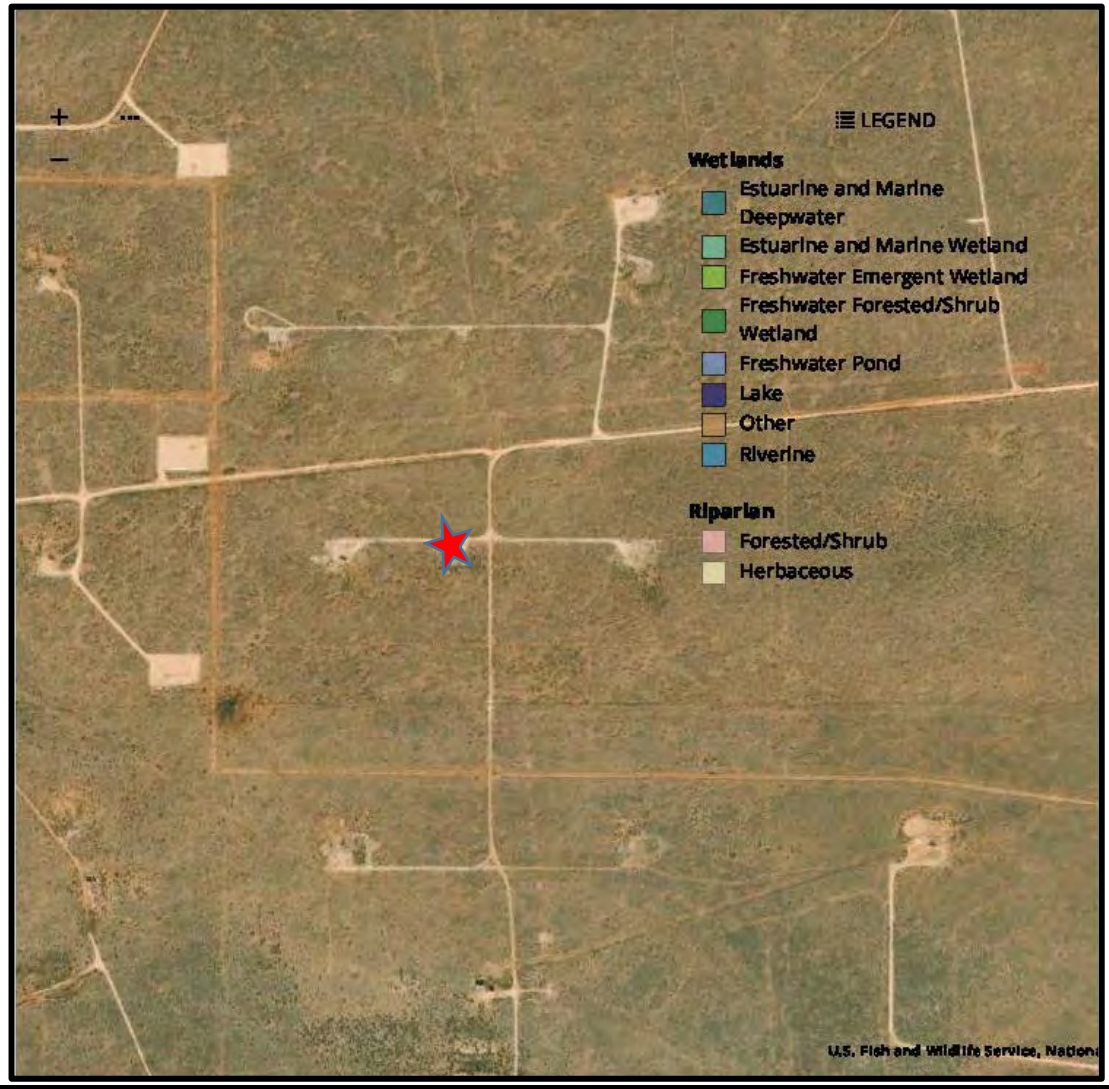
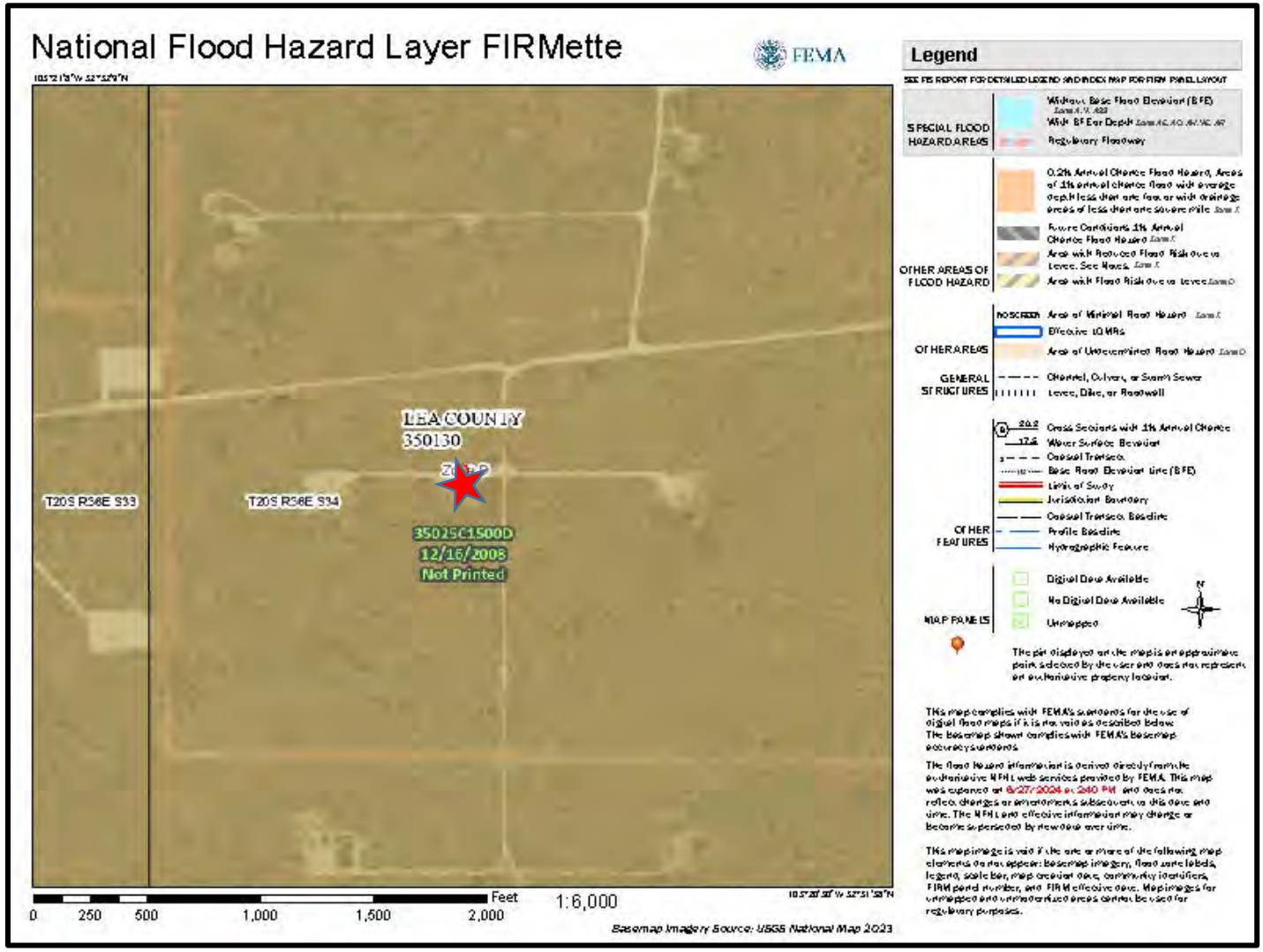


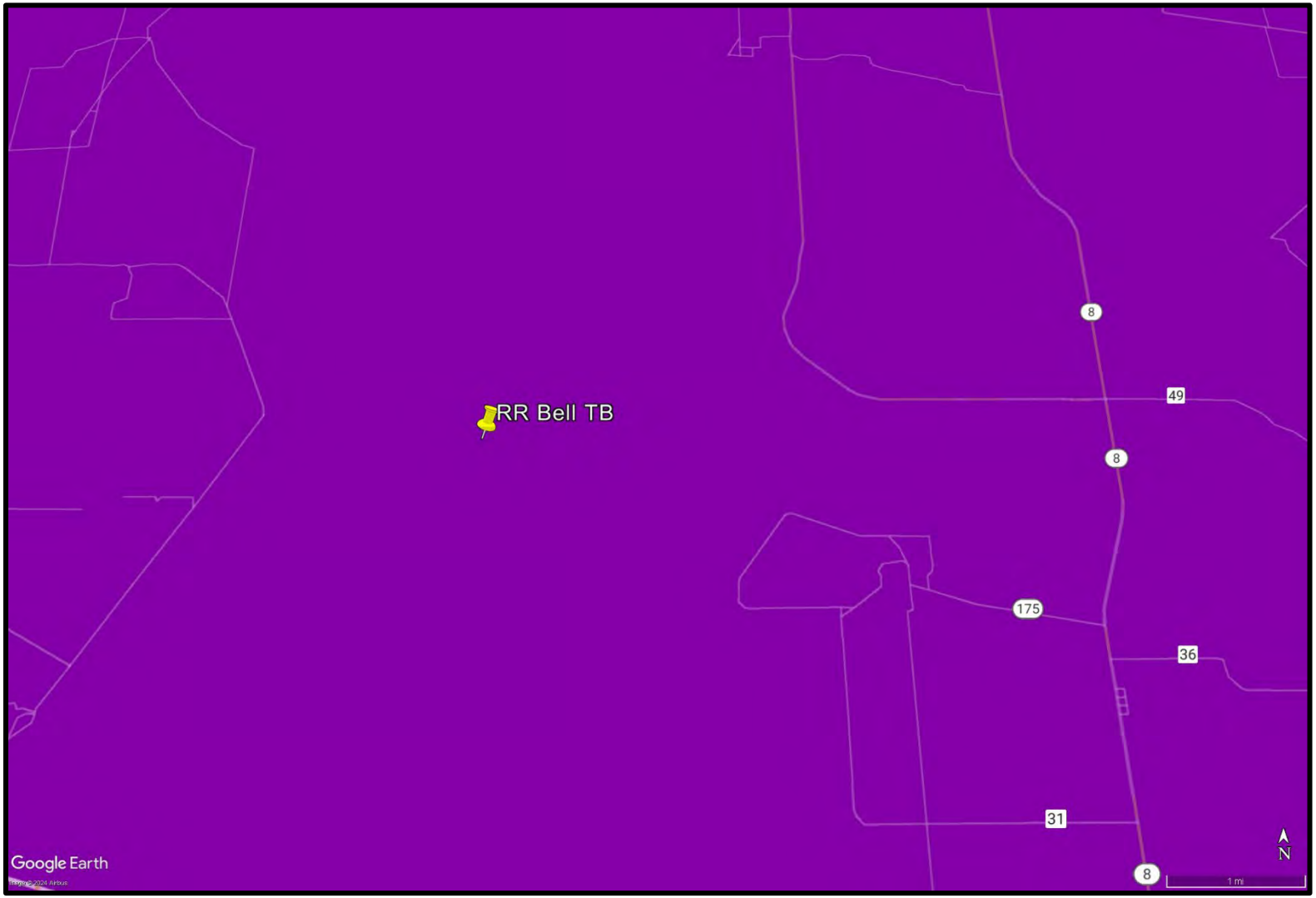
LEGEND: Site Location Base Map From Google Earth Pro	**Figure 3** **Wellhead Protection Area Map** Forty Acres Energy, LLC RR Bell Tank Battery Lea County, New Mexico		Grain Environmental
		Drafted by: CC | Checked by: CC	
		Draft: August 1, 2024	
		GPS: 32.531414° -103.348655°	



LEGEND: Site Location Base Map From US Fish & Wildlife Service	**Figure 4** **National Wetlands Inventory Map** Forty Acres Energy, LLC RR Bell Tank Battery Lea County, New Mexico	Drafted by: CC | Checked by: CC Draft: August 1, 2024 GPS: 32.531414° -103.348655°



LEGEND: Site Location Base Map From FEMA	**Figure 5** **FEMA Floodplain Map** Forty Acres Energy, LLC RR Bell Tank Battery Lea County, New Mexico	Drafted by: CC | Checked by: CC Draft: August 1, 2024 GPS: 32.531414° -103.348655°	Grain Environmental



LEGEND:	Figure 6		
Low Karst Potential	**Karst Potential Map**		
Medium Karst Potential		Drafted by: CC | Checked by: CC	
High Karst Potential	Forty Acres Energy, LLC	Draft: August 1, 2024	
	RR Bell Tank Battery	GPS: 32.531414° -103.348655°	
Base Map From Google Earth Pro and BLM	Lea County, New Mexico		

Grain Environmental

Appendix A: Release Notification and Corrective Action Form (NMOCD Form C-141)

Released Volume Calculation

Length		10	feet
Width		10	feet
Thickness		2	in
	Gals		Bbls
	200	4.761905	Est. Total Bbls Released

Volume = L*W*T

Total Released Volume = 200 gallons (US, dry)
4.76 bbls

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

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 321235
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2405454076**
Incident Name	**NAPP2405454076 R R BELL BATTERY @ 30-025-04401**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Received**
Incident Well	**[30-025-04401] WEST EUMONT UNIT #405**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	R R Bell Battery
Date Release Discovered	09/28/2023
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Normal Operations | Flow Line - Production | Crude Oil | Released: 5 BBL | Recovered: 0 BBL | Lost: 5 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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 (continued)

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 321235
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

I hereby agree and sign off to the above statement	Name: Alexis Bolanos Title: Production & Regulatory Analyst Email: alex@faenergyus.com Date: 03/07/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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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 (continued)

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 321235
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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1000 Rio Brazos Rd., Aztec, NM 87410
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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

Operator:	OGRID:
FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	371416
	Action Number: 321235
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	3/7/2024

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2405454076
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Forty Acres Energy, LLC	OGRID	371416
Contact Name	Alex Bolanos	Contact Telephone	(832) 689-3788
Contact email	alex@faenergyus.com	Incident # *(assigned by OCD)*	nAPP2405454076
Contact mailing address	11757 Katy Fwy, Houston, TX 77079173		

Location of Release Source

Latitude 32.531414 Longitude -103.348655
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	RR Bell Battery	Site Type	Battery
Date Release Discovered	09/28/2023	API# *(if applicable)*	30-025-04401

Unit Letter	Section	Township	Range	County
E	34	20S	36E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 5	Volume Recovered (bbls) 0
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Flow line release

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2405454076
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes. James Martinez to Mike Bratcher on 9/28/23

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.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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: Cindy Crain Title: Agent for Forty Acres Energy, LLC

Signature: _____ Date: 8/1/24

email: cindy.crain@gmail.com Telephone: (575) 441-7244

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2405454076
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	>50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2405454076
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: Cindy Crain Title: Agent for Forty Acres Energy, LLC

Signature:_____ Date: 08/01/2024

email: cindy.crain@gmail.com Telephone: (575) 441-7244

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2405454076
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- [X] Detailed description of proposed remediation technique
- [X] Scaled sitemap with GPS coordinates showing delineation points
- [X] Estimated volume of material to be remediated
- [X] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [X] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- [ ] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [ ] Extents of contamination must be fully delineated.
- [ ] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Cindy Crain Title: Agent for Forty Acres Energy, LLC

Signature: _____ Date: 8/1/24

email: cindy.crain@gmail.com Telephone: (575) 441-7244

OCD Only

Received by: _____ Date: _____

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2405454076
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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.

Printed Name: Cindy Crain Title: Agent for Forty Acres Energy, LLC

Signature: _____ Date: _____

email: cindy.crain@gmail.com Telephone: (575) 441-7244

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Appendix B: NMOCD Correspondence

Forty Acres Energy__C-141 Extension Requests

Inbox

Alex Bolanos Oct 14, 2024, 10:35 AM
to Nelson,, Ryan, me

Nelson,

Our environmental consultant is working to finishing up work in the West Eumont Area for Forty Acres. However, we will need a little more time to complete remediation and samplin have closure reports completed on the following dates:

- WEU 410 - nAPP2404472013: October 15, 2024
- WEU 210 - nAPP2404471333: October 21, 2024
- WEU 407 - nAPP2316652967: October 22, 2024
- WEU Injection - nAPP2316651719: October 21, 2024
- WEU 115 - nAPP2316654395: October 21, 2024
- WEU 115C - nAPP2319562381: October 22, 2024
- RR Bell TB - nAPP2405454076: November 4, 2024
- WEU 525 - nAPP2405856306: November 12, 2024

Accordingly, we would like the following extensions in to complete work in this area:

- WEU 410 - nAPP2404472013: 30 days extension
- WEU 210 - nAPP2404471333: 90 days extension
- WEU 407 - nAPP2316652967: 30 days extension
- WEU Injection - nAPP2316651719: 90 days extension
- WEU 115 - nAPP2316654395: 90 days extension
- WEU 115C - nAPP2319562381: 90 days extension
- RR Bell TB - nAPP2405454076: 90 days extension
- WEU 525 - nAPP2405856306: 90 days extension

If you have any questions or need any additional information, please advise.

Thanks,
Alex Bolanos
Forty Acres Energy
alex@faenergyus.com
(832) 689-3788

Velez, Nelson, EMNRD Oct 15, 2024, 4:18 PM
to Alex, Ryan, me

Good afternoon Alex,

Thank you for the correspondence. All eight (8) time extensions had been approved for the time requested (see below).

- WEU 410 - nAPP2404472013: 30 days extension 11/14/2024
- WEU 210 - nAPP2404471333: 90 days extension 01/21/2025
- WEU 407 - nAPP2316652967: 30 days extension 11/21/2024
- WEU Injection - nAPP2316651719: 90 days extension 01/21/2025
- WEU 115 - nAPP2316654395: 90 days extension 01/21/2025
- WEU 115C - nAPP2319562381: 90 days extension 01/21/2025
- RR Bell TB - nAPP2405454076: 90 days extension 02/03/2025
- WEU 525 - nAPP2405856306: 90 days extension 02/10/2025

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

If you have any questions, please contact me via email at your convenience.

Thanks again

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

Gmail

Cindy Crain <cindy.crain@gmail.com>

OCD Extension Requests Needed

4 messages

Cindy Crain <cindy.crain@gmail.com> Thu, Jan 30, 2025 at 11:35 AM
To: Alex Bolanos <alex@faenergyus.com>
Cc: Billy Moore <billy@faenergyus.com>, Ryan Swift <ryan@faenergyus.com>

Hi Alex,

Just a reminder that Closure Reports are due to the OCD for the RR Bell TB on 2/3/25 and the WEU 525 on 2/10/25.

We need to request another 90-day extension for both of these sites.

Please let me know if you have any questions or need additional information.

Thank you,
Cindy Crain
--
Crain Environmental
2925 East 17th Street
Odessa, TX 79761
(575) 441-7244

Alex Bolanos <alex@faenergyus.com> Wed, Feb 5, 2025 at 3:57 PM
To: "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>
Cc: Billy Moore <billy@faenergyus.com>, Cindy Crain <cindy.crain@gmail.com>

Nelson,

We are still working on the following releases, but will need to request an 90- day extension in order to continue to dig and get additional sampling done at each of these locations.

Incident Number	Location	Engineer	Operational Status	Filing Status	Current OCD Due Date	Surface Owner
nAPP2405454076	West Eumont Unit #405-RR BELL	Ryan	Phase 1 and 2 have been done. This needs additional sampling and digging to occur	Closure/Deferral	2/3/2025	COOPER, DALE FAMILY TRUS
nAPP2405856306	WEU 525	Ryan	Phase 1 and 2 have been done. This needs additional sampling and digging to occur	Closure/Deferral	2/10/2025	Private

Thanks,

Alex

[Quoted text hidden]

Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov> Thu, Feb 6, 2025 at 9:22 AM
To: Alex Bolanos <alex@faenergyus.com>
Cc: Billy Moore <billy@faenergyus.com>, Cindy Crain <cindy.crain@gmail.com>

Alex,

Thank you for the correspondence. Both incidents have already had time extensions approved.

NAPP2405454076 R R BELL BATTERY @ 30-025-04401 will be approved for 30-days. Remediation Due date has been updated to March 5, 2025 from the previous due date.

NAPP2405856306 WEST EUMONT UNIT #525 @ 30-025-45482 will be approved for 60-days. Remediation Due date has been updated to April 11, 2025.

This will be the last time extension granted for these incidents unless extraordinary circumstances arise. Failure to submit an appropriate and/or final remediation closure report by the deadline for incident ID NAPP2405454076 R R BELL BATTERY @ 30-025-04401 could result in compliance and enforcement penalties pursuant to 19.15.5 NMAC. OCD will use its discretion to determine if additional enforcement action is warranted. Cooperation from FAE II will be considered when determining any enforcement actions, which may include civil penalties.

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.nm.gov/ocd

From: Alex Bolanos <alex@faenergyus.com>
Sent: Wednesday, February 5, 2025 2:57 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Billy Moore <billy@faenergyus.com>; Cindy Crain <cindy.crain@gmail.com>
Subject: [EXTERNAL] FW: OCD Extension Requests Needed

[Quoted text hidden]

Alex Bolanos <alex@faenergyus.com> Thu, Feb 6, 2025 at 10:02 AM
To: "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>
Cc: Billy Moore <billy@faenergyus.com>, Cindy Crain <cindy.crain@gmail.com>, Ryan Swift <ryan@faenergyus.com>

Thank you Nelson.

[Quoted text hidden]

Grain Environmental

Appendix C: Laboratory Report and Chain-of-Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Cindy Crain
Crain Environmental
2925 E. 17th St.
Odessa, Texas 79761

Generated 7/30/2024 11:33:51 AM

JOB DESCRIPTION

RR Bell TB
lea Co. NM

JOB NUMBER

880-46538-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

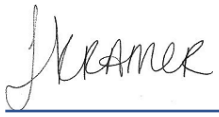
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Client: Crain Environmental
Project/Site: RR Bell TB

Laboratory Job ID: 880-46538-1
SDG: lea Co. NM

Table of Contents

Definitions/Glossary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Crain Environmental
Project: RR Bell TB

Job ID: 880-46538-1

Job ID: 880-46538-1 Eurofins Midland

Job Narrative
880-46538-1

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 7/26/2024 1:40 PM. 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 7.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (2') (880-46538-1), S-1 (3') (880-46538-2), S-1 (4.1') (880-46538-3), S-2 (3') (880-46538-4), S-2 (4.1') (880-46538-5), S-2 (5') (880-46538-6), S-2 (6') (880-46538-7), S-2 (7') (880-46538-8), S-7 (1') (880-46538-9), S-7 (2') (880-46538-10), S-7 (3') (880-46538-11) and S-7 (4') (880-46538-12).

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-86803 and analytical batch 880-86952 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-2 (3') (880-46538-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-7 (1') (880-46538-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-86821 and analytical batch 880-86824 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.

The associated samples are: S-7 (1') (880-46538-9), S-7 (3') (880-46538-11), S-7 (4') (880-46538-12), (880-46538-A-9-C MS) and (880-46538-A-9-D MSD).

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

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Client Sample ID: S-1 (2')

Lab Sample ID: 880-46538-1
Matrix: Solid
Date Collected: 07/25/24 11:00
Date Received: 07/26/24 13:40

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/24 17:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/24 14:17	07/29/24 17:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/24 14:17	07/29/24 17:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/24 14:17	07/29/24 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*07/26/24 14:17*	*07/29/24 17:32*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/26/24 14:17*	*07/29/24 17:32*	*1*

Client Sample ID: S-1 (3')

Lab Sample ID: 880-46538-2
Matrix: Solid
Date Collected: 07/25/24 11:04
Date Received: 07/26/24 13:40

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/29/24 18:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/24 14:17	07/29/24 18:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/24 14:17	07/29/24 18:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/24 14:17	07/29/24 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*07/26/24 14:17*	*07/29/24 18:24*	*1*
o-Terphenyl	*110*		*70 - 130*	*07/26/24 14:17*	*07/29/24 18:24*	*1*

Client Sample ID: S-2 (3')

Lab Sample ID: 880-46538-4
Matrix: Solid
Date Collected: 07/25/24 10:12
Date Received: 07/26/24 13:40

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**6830**		49.8		mg/Kg			07/29/24 18:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**1100**		49.8		mg/Kg		07/26/24 14:17	07/29/24 18:42	1
Diesel Range Organics (Over C10-C28)	**5730**		49.8		mg/Kg		07/26/24 14:17	07/29/24 18:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/24 14:17	07/29/24 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*07/26/24 14:17*	*07/29/24 18:42*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*07/26/24 14:17*	*07/29/24 18:42*	*1*

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Client Sample ID: S-2 (3')
Date Collected: 07/25/24 10:12
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	342		4.96		mg/Kg			07/27/24 09:19	1

Client Sample ID: S-2 (5')
Date Collected: 07/25/24 10:21
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-6
Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/29/24 18:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/24 14:17	07/29/24 18:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/26/24 14:17	07/29/24 18:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/24 14:17	07/29/24 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*07/26/24 14:17*	*07/29/24 18:59*	*1*
o-Terphenyl	*112*		*70 - 130*	*07/26/24 14:17*	*07/29/24 18:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	695		5.04		mg/Kg			07/27/24 09:24	1

Client Sample ID: S-2 (7')
Date Collected: 07/25/24 10:30
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-8
Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/29/24 19:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/26/24 14:17	07/29/24 19:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/26/24 14:17	07/29/24 19:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/26/24 14:17	07/29/24 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*07/26/24 14:17*	*07/29/24 19:17*	*1*
o-Terphenyl	*114*		*70 - 130*	*07/26/24 14:17*	*07/29/24 19:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	377		4.97		mg/Kg			07/27/24 09:29	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Client Sample ID: S-7 (1')

Lab Sample ID: 880-46538-9
Matrix: Solid
Date Collected: 07/25/24 11:35
Date Received: 07/26/24 13:40

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1520**		49.8		mg/Kg			07/29/24 19:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/24 14:17	07/29/24 19:35	1
Diesel Range Organics (Over C10-C28)	**1520**		49.8		mg/Kg		07/26/24 14:17	07/29/24 19:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/24 14:17	07/29/24 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*07/26/24 14:17*	*07/29/24 19:35*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*07/26/24 14:17*	*07/29/24 19:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.3**	**F1**	4.99		mg/Kg			07/27/24 09:34	1

Client Sample ID: S-7 (3')

Lab Sample ID: 880-46538-11
Matrix: Solid
Date Collected: 07/25/24 11:45
Date Received: 07/26/24 13:40

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1080**		49.6		mg/Kg			07/29/24 19:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**139**		49.6		mg/Kg		07/26/24 14:17	07/29/24 19:53	1
Diesel Range Organics (Over C10-C28)	**943**		49.6		mg/Kg		07/26/24 14:17	07/29/24 19:53	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		07/26/24 14:17	07/29/24 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*07/26/24 14:17*	*07/29/24 19:53*	*1*
o-Terphenyl	*127*		*70 - 130*	*07/26/24 14:17*	*07/29/24 19:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.8**		4.96		mg/Kg			07/27/24 09:50	1

Client Sample ID: S-7 (4')

Lab Sample ID: 880-46538-12
Matrix: Solid
Date Collected: 07/25/24 11:55
Date Received: 07/26/24 13:40

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**406**		50.0		mg/Kg			07/29/24 20:11	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Client Sample ID: S-7 (4')

Date Collected: 07/25/24 11:55
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-12

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/24 14:17	07/29/24 20:11	1
Diesel Range Organics (Over C10-C28)	**406**		50.0		mg/Kg		07/26/24 14:17	07/29/24 20:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/24 14:17	07/29/24 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*07/26/24 14:17*	*07/29/24 20:11*	*1*
o-Terphenyl	*108*		*70 - 130*	*07/26/24 14:17*	*07/29/24 20:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.7**		5.01		mg/Kg			07/27/24 09:55	1

Surrogate Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-46538-1	S-1 (2')	107	105										
880-46538-1 MS	S-1 (2')	101	111										
880-46538-1 MSD	S-1 (2')	104	114										
880-46538-2	S-1 (3')	112	110										
880-46538-4	S-2 (3')	143 S1+	150 S1+										
880-46538-6	S-2 (5')	113	112										
880-46538-8	S-2 (7')	115	114										
880-46538-9	S-7 (1')	108	135 S1+										
880-46538-11	S-7 (3')	116	127										
880-46538-12	S-7 (4')	102	108										
LCS 880-86803/2-A	Lab Control Sample	102	115										
LCSD 880-86803/3-A	Lab Control Sample Dup	105	118										
MB 880-86803/1-A	Method Blank	83	163 S1+										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-86803/1-A
Matrix: Solid
Analysis Batch: 86952

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/24 14:17	07/29/24 09:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/24 14:17	07/29/24 09:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/24 14:17	07/29/24 09:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*07/26/24 14:17*	*07/29/24 09:28*	*1*
o-Terphenyl	*163*	*S1+*	*70 - 130*	*07/26/24 14:17*	*07/29/24 09:28*	*1*

Lab Sample ID: LCS 880-86803/2-A
Matrix: Solid
Analysis Batch: 86952

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86803

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1114		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1177		mg/Kg		118	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*115*		*70 - 130*

Lab Sample ID: LCSD 880-86803/3-A
Matrix: Solid
Analysis Batch: 86952

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86803

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1152		mg/Kg		115	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1185		mg/Kg		118	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: 880-46538-1 MS
Matrix: Solid
Analysis Batch: 86952

Client Sample ID: S-1 (2')
Prep Type: Total/NA
Prep Batch: 86803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1131		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1189		mg/Kg		117	70 - 130		

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-46538-1 MS
Matrix: Solid
Analysis Batch: 86952

Client Sample ID: S-1 (2')
Prep Type: Total/NA
Prep Batch: 86803

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-46538-1 MSD
Matrix: Solid
Analysis Batch: 86952

Client Sample ID: S-1 (2')
Prep Type: Total/NA
Prep Batch: 86803

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	<49.9	U	997	1159		mg/Kg		116	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1230		mg/Kg		121	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	114		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-86821/1-A
Matrix: Solid
Analysis Batch: 86824

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/27/24 08:06	1

Lab Sample ID: LCS 880-86821/2-A
Matrix: Solid
Analysis Batch: 86824

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-86821/3-A
Matrix: Solid
Analysis Batch: 86824

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	253.4		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-46538-9 MS
Matrix: Solid
Analysis Batch: 86824

Client Sample ID: S-7 (1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.3	F1	250	309.4	F1	mg/Kg		119	90 - 110

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-46538-9 MSD
Matrix: Solid
Analysis Batch: 86824

Client Sample ID: S-7 (1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.3	F1	250	310.6	F1	mg/Kg		120	90 - 110	0	20

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

GC Semi VOA

Prep Batch: 86803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46538-1	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-46538-2	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-46538-4	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-46538-6	S-2 (5')	Total/NA	Solid	8015NM Prep	
880-46538-8	S-2 (7')	Total/NA	Solid	8015NM Prep	
880-46538-9	S-7 (1')	Total/NA	Solid	8015NM Prep	
880-46538-11	S-7 (3')	Total/NA	Solid	8015NM Prep	
880-46538-12	S-7 (4')	Total/NA	Solid	8015NM Prep	
MB 880-86803/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-86803/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-86803/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-46538-1 MS	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-46538-1 MSD	S-1 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 86952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46538-1	S-1 (2')	Total/NA	Solid	8015B NM	86803
880-46538-2	S-1 (3')	Total/NA	Solid	8015B NM	86803
880-46538-4	S-2 (3')	Total/NA	Solid	8015B NM	86803
880-46538-6	S-2 (5')	Total/NA	Solid	8015B NM	86803
880-46538-8	S-2 (7')	Total/NA	Solid	8015B NM	86803
880-46538-9	S-7 (1')	Total/NA	Solid	8015B NM	86803
880-46538-11	S-7 (3')	Total/NA	Solid	8015B NM	86803
880-46538-12	S-7 (4')	Total/NA	Solid	8015B NM	86803
MB 880-86803/1-A	Method Blank	Total/NA	Solid	8015B NM	86803
LCS 880-86803/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	86803
LCSD 880-86803/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	86803
880-46538-1 MS	S-1 (2')	Total/NA	Solid	8015B NM	86803
880-46538-1 MSD	S-1 (2')	Total/NA	Solid	8015B NM	86803

Analysis Batch: 87041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46538-1	S-1 (2')	Total/NA	Solid	8015 NM	
880-46538-2	S-1 (3')	Total/NA	Solid	8015 NM	
880-46538-4	S-2 (3')	Total/NA	Solid	8015 NM	
880-46538-6	S-2 (5')	Total/NA	Solid	8015 NM	
880-46538-8	S-2 (7')	Total/NA	Solid	8015 NM	
880-46538-9	S-7 (1')	Total/NA	Solid	8015 NM	
880-46538-11	S-7 (3')	Total/NA	Solid	8015 NM	
880-46538-12	S-7 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 86821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46538-4	S-2 (3')	Soluble	Solid	DI Leach	
880-46538-6	S-2 (5')	Soluble	Solid	DI Leach	
880-46538-8	S-2 (7')	Soluble	Solid	DI Leach	
880-46538-9	S-7 (1')	Soluble	Solid	DI Leach	
880-46538-11	S-7 (3')	Soluble	Solid	DI Leach	
880-46538-12	S-7 (4')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

HPLC/IC (Continued)

Leach Batch: 86821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-86821/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-86821/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-86821/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-46538-9 MS	S-7 (1')	Soluble	Solid	DI Leach	
880-46538-9 MSD	S-7 (1')	Soluble	Solid	DI Leach	

Analysis Batch: 86824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46538-4	S-2 (3')	Soluble	Solid	300.0	86821
880-46538-6	S-2 (5')	Soluble	Solid	300.0	86821
880-46538-8	S-2 (7')	Soluble	Solid	300.0	86821
880-46538-9	S-7 (1')	Soluble	Solid	300.0	86821
880-46538-11	S-7 (3')	Soluble	Solid	300.0	86821
880-46538-12	S-7 (4')	Soluble	Solid	300.0	86821
MB 880-86821/1-A	Method Blank	Soluble	Solid	300.0	86821
LCS 880-86821/2-A	Lab Control Sample	Soluble	Solid	300.0	86821
LCSD 880-86821/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	86821
880-46538-9 MS	S-7 (1')	Soluble	Solid	300.0	86821
880-46538-9 MSD	S-7 (1')	Soluble	Solid	300.0	86821

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Client Sample ID: S-1 (2')
Date Collected: 07/25/24 11:00
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87041	07/29/24 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	86803	07/26/24 14:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86952	07/29/24 17:32	TKC	EET MID

Client Sample ID: S-1 (3')
Date Collected: 07/25/24 11:04
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87041	07/29/24 18:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	86803	07/26/24 14:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86952	07/29/24 18:24	TKC	EET MID

Client Sample ID: S-2 (3')
Date Collected: 07/25/24 10:12
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87041	07/29/24 18:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	86803	07/26/24 14:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86952	07/29/24 18:42	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	86821	07/26/24 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86824	07/27/24 09:19	SMC	EET MID

Client Sample ID: S-2 (5')
Date Collected: 07/25/24 10:21
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87041	07/29/24 18:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	86803	07/26/24 14:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86952	07/29/24 18:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	86821	07/26/24 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86824	07/27/24 09:24	SMC	EET MID

Client Sample ID: S-2 (7')
Date Collected: 07/25/24 10:30
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87041	07/29/24 19:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	86803	07/26/24 14:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86952	07/29/24 19:17	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	86821	07/26/24 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86824	07/27/24 09:29	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Client Sample ID: S-7 (1')

Date Collected: 07/25/24 11:35
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87041	07/29/24 19:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	86803	07/26/24 14:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86952	07/29/24 19:35	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	86821	07/26/24 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86824	07/27/24 09:34	SMC	EET MID

Client Sample ID: S-7 (3')

Date Collected: 07/25/24 11:45
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87041	07/29/24 19:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	86803	07/26/24 14:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86952	07/29/24 19:53	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	86821	07/26/24 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86824	07/27/24 09:50	SMC	EET MID

Client Sample ID: S-7 (4')

Date Collected: 07/25/24 11:55
Date Received: 07/26/24 13:40

Lab Sample ID: 880-46538-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87041	07/29/24 20:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	86803	07/26/24 14:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86952	07/29/24 20:11	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	86821	07/26/24 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86824	07/27/24 09:55	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

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
8015 NM		Solid	Total TPH

Method Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-46538-1
SDG: lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-46538-1	S-1 (2')	Solid	07/25/24 11:00	07/26/24 13:40
880-46538-2	S-1 (3')	Solid	07/25/24 11:04	07/26/24 13:40
880-46538-4	S-2 (3')	Solid	07/25/24 10:12	07/26/24 13:40
880-46538-6	S-2 (5')	Solid	07/25/24 10:21	07/26/24 13:40
880-46538-8	S-2 (7')	Solid	07/25/24 10:30	07/26/24 13:40
880-46538-9	S-7 (1')	Solid	07/25/24 11:35	07/26/24 13:40
880-46538-11	S-7 (3')	Solid	07/25/24 11:45	07/26/24 13:40
880-46538-12	S-7 (4')	Solid	07/25/24 11:55	07/26/24 13:40

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order: 880-46538 Chain of Custody

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Project Manager:	Cindy Crain	Bill to: (if different)	Ryan Swift (346)254-9544
Company Name:	Crain Environmental	Company Name:	Forty Acres
Address:	2925 E. 17th St.	Address:	11757 Katy Frwy, Ste 725
City, State ZIP:	Odessa, TX 79761	City, State ZIP:	Houston, TX 77079
Phone:	(575) 441-7244	Email:	cindy.crain@gmail.com; ryan@faenergy.us.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: NM
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	RR Bell TB	Turn Around	☐ Routine ☒ Rush
Project Number:	-	Due Date:	8/31/24
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Cindy Crain		
PO #:	-		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Samples Received Intact:	(Yes) No	Thermometer ID:	IR4
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	7.1
Total Containers:		Corrected Temperature:	7.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015M	Parameters: Chlorides	Sample Comments
S-1 (2')	S	7/25/24	1100	2'	C	1		X	X	
S-1 (3')			1104	3'						
S-1 (4.1')			1107	4.1'						HOLD
S-2 (3')			1012	3'				X	X	
S-2 (4.1')			1017	4.1'						HOLD
S-2 (5')			1021	5'				X	X	
S-2 (6')			1026	6'						HOLD
S-2 (7')			1030	7'				X	X	
S-7 (1')			1135	1'						
S-7 (2')			1140	2'						HOLD

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Cindy Crain		7/26/24 1200	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 46538

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Project Manager:	Cindy Crain	Bill to: (if different)	Ryan Swift
Company Name:	Crain Environmental	Company Name:	Foxy Acres
Address:	2925 E. 17th St.	Address:	11757 Katy Frwy, Ste. 725
City, State ZIP:	Odessa, TX 79761	City, State ZIP:	Houston, TX 77079
Phone:	(575) 441-7244	Email:	Cindy.crain@gmail.com; ryan@foxenergy.us.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: NM
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:		Turn Around	
Project Number:		☐Routine ☐Rush	
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015M	Parameters: Chlorides	Sample Comments
S-7 (3')	S	7/25/24	1145	3'	C	1		X	X	
S-7 (4')	S	7/25/24	1155	4'	C	1		X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Cindy Crain		7/26/24 1300	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Crain Environmental

Job Number: 880-46538-1
SDG Number: lea Co. NM

Login Number: 46538
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Cindy Crain
Crain Environmental
2925 E. 17th St.
Odessa, Texas 79761

Generated 5/2/2025 9:13:33 AM

JOB DESCRIPTION

RR Bell TB
Lea Co., NM

JOB NUMBER

880-57399-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

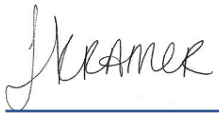
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Crain Environmental
Project/Site: RR Bell TB

Laboratory Job ID: 880-57399-1
SDG: Lea Co., NM

Table of Contents

Definitions/Glossary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Crain Environmental
Project: RR Bell TB

Job ID: 880-57399-1

Job ID: 880-57399-1 Eurofins Midland

Job Narrative
880-57399-1

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 4/28/2025 3:11 PM. 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 9.7°C.

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-13 (0-4') (880-57399-10) and S17 (0-3') (880-57399-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-108843 and analytical batch 880-109158 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-2 (6') (880-57399-1), S-5 (1-3') (880-57399-2), S-7 (0-2') (880-57399-3), S-8 (0-2') (880-57399-4), S-9 (0-2') (880-57399-5), S-6 (0-2') (880-57399-6), S-10 (0-4') (880-57399-7), S-11 (0-4') (880-57399-8), S-12 (0-4') (880-57399-9), S-14 (0-4') (880-57399-11), S-15 (0-4') (880-57399-12), S-16 (4') (880-57399-13), S-18 (0-3') (880-57399-15), S-19 (3') (880-57399-16), S-20 (0-3') (880-57399-17), (LCSD 880-108843/3-A), (880-57399-A-2-C MS) and (880-57399-A-2-D MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108885 and analytical batch 880-108905 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.

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

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-2 (6')

Lab Sample ID: 880-57399-1
Matrix: Solid
Date Collected: 04/23/25 11:45
Date Received: 04/28/25 15:11
Sample Depth: 6'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1130**		49.8		mg/Kg			05/01/25 11:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/28/25 11:21	05/01/25 11:12	1
Diesel Range Organics (Over C10-C28)	**1130**		49.8		mg/Kg		04/28/25 11:21	05/01/25 11:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/28/25 11:21	05/01/25 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*195*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 11:12*	*1*
o-Terphenyl	*200*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 11:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**486**	**F1**	10.1		mg/Kg			04/29/25 09:25	1

Client Sample ID: S-5 (1-3')

Lab Sample ID: 880-57399-2
Matrix: Solid
Date Collected: 04/23/25 11:50
Date Received: 04/28/25 15:11
Sample Depth: 1-3'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			05/01/25 10:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		04/28/25 11:21	05/01/25 10:20	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		04/28/25 11:21	05/01/25 10:20	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		04/28/25 11:21	05/01/25 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*197*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 10:20*	*1*
o-Terphenyl	*175*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 10:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		9.98		mg/Kg			04/29/25 09:46	1

Client Sample ID: S-7 (0-2')

Lab Sample ID: 880-57399-3
Matrix: Solid
Date Collected: 04/23/25 11:55
Date Received: 04/28/25 15:11
Sample Depth: 0-2'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/01/25 11:29	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-7 (0-2')

Lab Sample ID: 880-57399-3
Matrix: Solid
Date Collected: 04/23/25 11:55
Date Received: 04/28/25 15:11
Sample Depth: 0-2'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 11:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 11:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*186*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 11:29*	*1*
o-Terphenyl	*163*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 11:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		9.94		mg/Kg			04/29/25 09:53	1

Client Sample ID: S-8 (0-2')

Lab Sample ID: 880-57399-4
Matrix: Solid
Date Collected: 04/23/25 12:00
Date Received: 04/28/25 15:11
Sample Depth: 0-2'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/01/25 11:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 11:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 11:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*194*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 11:46*	*1*
o-Terphenyl	*169*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 11:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.2**		9.92		mg/Kg			04/29/25 10:01	1

Client Sample ID: S-9 (0-2')

Lab Sample ID: 880-57399-5
Matrix: Solid
Date Collected: 04/23/25 12:05
Date Received: 04/28/25 15:11
Sample Depth: 0-2'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**187**		49.7		mg/Kg			05/01/25 12:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 12:03	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-9 (0-2')

Lab Sample ID: 880-57399-5
Matrix: Solid
Date Collected: 04/23/25 12:05
Date Received: 04/28/25 15:11
Sample Depth: 0-2'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**187**		49.7		mg/Kg		04/28/25 11:21	05/01/25 12:03	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*193*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 12:03*	*1*
o-Terphenyl	*179*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 12:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		10.0		mg/Kg			04/29/25 10:08	1

Client Sample ID: S-6 (0-2')

Lab Sample ID: 880-57399-6
Matrix: Solid
Date Collected: 04/23/25 12:10
Date Received: 04/28/25 15:11
Sample Depth: 0-2'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.6**		49.8		mg/Kg			05/01/25 12:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/28/25 11:21	05/01/25 12:21	1
Diesel Range Organics (Over C10-C28)	**55.6**		49.8		mg/Kg		04/28/25 11:21	05/01/25 12:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/28/25 11:21	05/01/25 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*196*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 12:21*	*1*
o-Terphenyl	*181*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 12:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		10.1		mg/Kg			04/29/25 10:29	1

Client Sample ID: S-10 (0-4')

Lab Sample ID: 880-57399-7
Matrix: Solid
Date Collected: 04/23/25 12:15
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/01/25 12:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 12:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 12:38	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-10 (0-4')

Lab Sample ID: 880-57399-7
Matrix: Solid
Date Collected: 04/23/25 12:15
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*194*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 12:38*	*1*
o-Terphenyl	*169*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 12:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.8**		10.0		mg/Kg			04/29/25 10:36	1

Client Sample ID: S-11 (0-4')

Lab Sample ID: 880-57399-8
Matrix: Solid
Date Collected: 04/23/25 12:20
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/01/25 12:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/28/25 11:21	05/01/25 12:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/28/25 11:21	05/01/25 12:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/28/25 11:21	05/01/25 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*205*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 12:55*	*1*
o-Terphenyl	*185*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 12:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.3**		9.98		mg/Kg			04/29/25 10:43	1

Client Sample ID: S-12 (0-4')

Lab Sample ID: 880-57399-9
Matrix: Solid
Date Collected: 04/23/25 12:25
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/01/25 13:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 13:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 13:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 13:11	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-12 (0-4')

Lab Sample ID: 880-57399-9
Matrix: Solid
Date Collected: 04/23/25 12:25
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	204	S1+	70 - 130	04/28/25 11:21	05/01/25 13:11	1
o-Terphenyl	187	S1+	70 - 130	04/28/25 11:21	05/01/25 13:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		10.0		mg/Kg			04/29/25 10:51	1

Client Sample ID: S-13 (0-4')

Lab Sample ID: 880-57399-10
Matrix: Solid
Date Collected: 04/23/25 12:30
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	12500		498		mg/Kg			05/01/25 13:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<498	U	498		mg/Kg		04/28/25 11:21	05/01/25 13:28	10
Diesel Range Organics (Over C10-C28)	12500		498		mg/Kg		04/28/25 11:21	05/01/25 13:28	10
Oil Range Organics (Over C28-C36)	<498	U	498		mg/Kg		04/28/25 11:21	05/01/25 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	215	S1+	70 - 130	04/28/25 11:21	05/01/25 13:28	10
o-Terphenyl	365	S1+	70 - 130	04/28/25 11:21	05/01/25 13:28	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	307		9.90		mg/Kg			04/29/25 10:58	1

Client Sample ID: S-14 (0-4')

Lab Sample ID: 880-57399-11
Matrix: Solid
Date Collected: 04/23/25 12:35
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1290		249		mg/Kg			05/01/25 13:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249		mg/Kg		04/28/25 11:21	05/01/25 13:45	5
Diesel Range Organics (Over C10-C28)	1290		249		mg/Kg		04/28/25 11:21	05/01/25 13:45	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		04/28/25 11:21	05/01/25 13:45	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	191	S1+	70 - 130	04/28/25 11:21	05/01/25 13:45	5
o-Terphenyl	188	S1+	70 - 130	04/28/25 11:21	05/01/25 13:45	5

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-14 (0-4')

Lab Sample ID: 880-57399-11
Matrix: Solid
Date Collected: 04/23/25 12:35
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		9.96		mg/Kg			04/29/25 11:05	1

Client Sample ID: S-15 (0-4')

Lab Sample ID: 880-57399-12
Matrix: Solid
Date Collected: 04/23/25 12:40
Date Received: 04/28/25 15:11
Sample Depth: 0-4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**599**		250		mg/Kg			05/01/25 14:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250		mg/Kg		04/28/25 11:21	05/01/25 14:02	5
Diesel Range Organics (Over C10-C28)	**599**		250		mg/Kg		04/28/25 11:21	05/01/25 14:02	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		04/28/25 11:21	05/01/25 14:02	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*193*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 14:02*	*5*
o-Terphenyl	*181*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 14:02*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**261**		10.1		mg/Kg			04/29/25 11:26	1

Client Sample ID: S-16 (4')

Lab Sample ID: 880-57399-13
Matrix: Solid
Date Collected: 04/23/25 12:45
Date Received: 04/28/25 15:11
Sample Depth: 4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**158**		49.9		mg/Kg			05/01/25 14:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/28/25 11:21	05/01/25 14:19	1
Diesel Range Organics (Over C10-C28)	**158**		49.9		mg/Kg		04/28/25 11:21	05/01/25 14:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/28/25 11:21	05/01/25 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*197*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 14:19*	*1*
o-Terphenyl	*184*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 14:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.6**		10.1		mg/Kg			04/29/25 11:34	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S17 (0-3')

Lab Sample ID: 880-57399-14
Matrix: Solid
Date Collected: 04/23/25 12:50
Date Received: 04/28/25 15:11
Sample Depth: 0-3'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**4680**		498		mg/Kg			05/01/25 14:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<498	U	498		mg/Kg		04/28/25 11:21	05/01/25 14:36	10
Diesel Range Organics (Over C10-C28)	**4680**		498		mg/Kg		04/28/25 11:21	05/01/25 14:36	10
Oil Range Organics (Over C28-C36)	<498	U	498		mg/Kg		04/28/25 11:21	05/01/25 14:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*213*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 14:36*	*10*
o-Terphenyl	*272*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 14:36*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		9.98		mg/Kg			04/29/25 11:55	1

Client Sample ID: S-18 (0-3')

Lab Sample ID: 880-57399-15
Matrix: Solid
Date Collected: 04/23/25 12:55
Date Received: 04/28/25 15:11
Sample Depth: 0-3'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**77.6**		49.7		mg/Kg			05/01/25 14:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 14:53	1
Diesel Range Organics (Over C10-C28)	**77.6**		49.7		mg/Kg		04/28/25 11:21	05/01/25 14:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/28/25 11:21	05/01/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*206*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 14:53*	*1*
o-Terphenyl	*190*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.0**		10.0		mg/Kg			04/29/25 12:02	1

Client Sample ID: S-19 (3')

Lab Sample ID: 880-57399-16
Matrix: Solid
Date Collected: 04/23/25 13:00
Date Received: 04/28/25 15:11
Sample Depth: 3'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/01/25 15:10	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-19 (3')

Lab Sample ID: 880-57399-16
Matrix: Solid
Date Collected: 04/23/25 13:00
Date Received: 04/28/25 15:11
Sample Depth: 3'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 15:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 15:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/28/25 11:21	05/01/25 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*210*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 15:10*	*1*
o-Terphenyl	*192*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 15:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		9.98		mg/Kg			04/29/25 12:09	1

Client Sample ID: S-20 (0-3')

Lab Sample ID: 880-57399-17
Matrix: Solid
Date Collected: 04/23/25 13:10
Date Received: 04/28/25 15:11
Sample Depth: 0-3'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**115**		49.8		mg/Kg			05/01/25 15:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/28/25 11:21	05/01/25 15:27	1
Diesel Range Organics (Over C10-C28)	**115**		49.8		mg/Kg		04/28/25 11:21	05/01/25 15:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/28/25 11:21	05/01/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*204*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 15:27*	*1*
o-Terphenyl	*190*	*S1+*	*70 - 130*	*04/28/25 11:21*	*05/01/25 15:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		10.0		mg/Kg			04/29/25 12:16	1

Surrogate Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-57399-1	S-2 (6')	195 S1+	200 S1+										
880-57399-2	S-5 (1-3')	197 S1+	175 S1+										
880-57399-2 MS	S-5 (1-3')	209 S1+	177 S1+										
880-57399-2 MSD	S-5 (1-3')	208 S1+	175 S1+										
880-57399-3	S-7 (0-2')	186 S1+	163 S1+										
880-57399-4	S-8 (0-2')	194 S1+	169 S1+										
880-57399-5	S-9 (0-2')	193 S1+	179 S1+										
880-57399-6	S-6 (0-2')	196 S1+	181 S1+										
880-57399-7	S-10 (0-4')	194 S1+	169 S1+										
880-57399-8	S-11 (0-4')	205 S1+	185 S1+										
880-57399-9	S-12 (0-4')	204 S1+	187 S1+										
880-57399-10	S-13 (0-4')	215 S1+	365 S1+										
880-57399-11	S-14 (0-4')	191 S1+	188 S1+										
880-57399-12	S-15 (0-4')	193 S1+	181 S1+										
880-57399-13	S-16 (4')	197 S1+	184 S1+										
880-57399-14	S17 (0-3')	213 S1+	272 S1+										
880-57399-15	S-18 (0-3')	206 S1+	190 S1+										
880-57399-16	S-19 (3')	210 S1+	192 S1+										
880-57399-17	S-20 (0-3')	204 S1+	190 S1+										
LCS 880-108843/2-A	Lab Control Sample	127	130										
LCSD 880-108843/3-A	Lab Control Sample Dup	135 S1+	139 S1+										
MB 880-108843/1-A	Method Blank	184 S1+	168 S1+										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-108843/1-A
Matrix: Solid
Analysis Batch: 109158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/28/25 11:20	05/01/25 01:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/28/25 11:20	05/01/25 01:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/28/25 11:20	05/01/25 01:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*184*	*S1+*	*70 - 130*	*04/28/25 11:20*	*05/01/25 01:18*	*1*
o-Terphenyl	*168*	*S1+*	*70 - 130*	*04/28/25 11:20*	*05/01/25 01:18*	*1*

Lab Sample ID: LCS 880-108843/2-A
Matrix: Solid
Analysis Batch: 109158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	902.5		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1044		mg/Kg		104	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*127*		*70 - 130*
o-Terphenyl	*130*		*70 - 130*

Lab Sample ID: LCSD 880-108843/3-A
Matrix: Solid
Analysis Batch: 109158

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108843

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	995.2		mg/Kg		100	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	1118		mg/Kg		112	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*135*	*S1+*	*70 - 130*
o-Terphenyl	*139*	*S1+*	*70 - 130*

Lab Sample ID: 880-57399-2 MS
Matrix: Solid
Analysis Batch: 109158

Client Sample ID: S-5 (1-3')
Prep Type: Total/NA
Prep Batch: 108843

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	998	1202		mg/Kg		120	70 - 130
Diesel Range Organics (Over C10-C28)	<49.5	U	998	1215		mg/Kg		117	70 - 130

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-57399-2 MS
Matrix: Solid
Analysis Batch: 109158

Client Sample ID: S-5 (1-3')
Prep Type: Total/NA
Prep Batch: 108843

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	209	S1+	70 - 130
o-Terphenyl	177	S1+	70 - 130

Lab Sample ID: 880-57399-2 MSD
Matrix: Solid
Analysis Batch: 109158

Client Sample ID: S-5 (1-3')
Prep Type: Total/NA
Prep Batch: 108843

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	<49.5	U	998	1203		mg/Kg		120	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.5	U	998	1209		mg/Kg		117	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	208	S1+	70 - 130
o-Terphenyl	175	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108885/1-A
Matrix: Solid
Analysis Batch: 108905

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/29/25 09:03	1

Lab Sample ID: LCS 880-108885/2-A
Matrix: Solid
Analysis Batch: 108905

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.2		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-108885/3-A
Matrix: Solid
Analysis Batch: 108905

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	233.8		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-57399-1 MS
Matrix: Solid
Analysis Batch: 108905

Client Sample ID: S-2 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	486	F1	253	676.1	F1	mg/Kg		75	90 - 110

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57399-1 MSD
Matrix: Solid
Analysis Batch: 108905

Client Sample ID: S-2 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	486	F1	253	680.4	F1	mg/Kg		77	90 - 110	1	20

Lab Sample ID: 880-57399-11 MS
Matrix: Solid
Analysis Batch: 108905

Client Sample ID: S-14 (0-4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	150		249	396.6		mg/Kg		99	90 - 110

Lab Sample ID: 880-57399-11 MSD
Matrix: Solid
Analysis Batch: 108905

Client Sample ID: S-14 (0-4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	150		249	399.1		mg/Kg		100	90 - 110	1	20

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

GC Semi VOA

Prep Batch: 108843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57399-1	S-2 (6')	Total/NA	Solid	8015NM Prep	
880-57399-2	S-5 (1-3')	Total/NA	Solid	8015NM Prep	
880-57399-3	S-7 (0-2')	Total/NA	Solid	8015NM Prep	
880-57399-4	S-8 (0-2')	Total/NA	Solid	8015NM Prep	
880-57399-5	S-9 (0-2')	Total/NA	Solid	8015NM Prep	
880-57399-6	S-6 (0-2')	Total/NA	Solid	8015NM Prep	
880-57399-7	S-10 (0-4')	Total/NA	Solid	8015NM Prep	
880-57399-8	S-11 (0-4')	Total/NA	Solid	8015NM Prep	
880-57399-9	S-12 (0-4')	Total/NA	Solid	8015NM Prep	
880-57399-10	S-13 (0-4')	Total/NA	Solid	8015NM Prep	
880-57399-11	S-14 (0-4')	Total/NA	Solid	8015NM Prep	
880-57399-12	S-15 (0-4')	Total/NA	Solid	8015NM Prep	
880-57399-13	S-16 (4')	Total/NA	Solid	8015NM Prep	
880-57399-14	S17 (0-3')	Total/NA	Solid	8015NM Prep	
880-57399-15	S-18 (0-3')	Total/NA	Solid	8015NM Prep	
880-57399-16	S-19 (3')	Total/NA	Solid	8015NM Prep	
880-57399-17	S-20 (0-3')	Total/NA	Solid	8015NM Prep	
MB 880-108843/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108843/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108843/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57399-2 MS	S-5 (1-3')	Total/NA	Solid	8015NM Prep	
880-57399-2 MSD	S-5 (1-3')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 109158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57399-1	S-2 (6')	Total/NA	Solid	8015B NM	108843
880-57399-2	S-5 (1-3')	Total/NA	Solid	8015B NM	108843
880-57399-3	S-7 (0-2')	Total/NA	Solid	8015B NM	108843
880-57399-4	S-8 (0-2')	Total/NA	Solid	8015B NM	108843
880-57399-5	S-9 (0-2')	Total/NA	Solid	8015B NM	108843
880-57399-6	S-6 (0-2')	Total/NA	Solid	8015B NM	108843
880-57399-7	S-10 (0-4')	Total/NA	Solid	8015B NM	108843
880-57399-8	S-11 (0-4')	Total/NA	Solid	8015B NM	108843
880-57399-9	S-12 (0-4')	Total/NA	Solid	8015B NM	108843
880-57399-10	S-13 (0-4')	Total/NA	Solid	8015B NM	108843
880-57399-11	S-14 (0-4')	Total/NA	Solid	8015B NM	108843
880-57399-12	S-15 (0-4')	Total/NA	Solid	8015B NM	108843
880-57399-13	S-16 (4')	Total/NA	Solid	8015B NM	108843
880-57399-14	S17 (0-3')	Total/NA	Solid	8015B NM	108843
880-57399-15	S-18 (0-3')	Total/NA	Solid	8015B NM	108843
880-57399-16	S-19 (3')	Total/NA	Solid	8015B NM	108843
880-57399-17	S-20 (0-3')	Total/NA	Solid	8015B NM	108843
MB 880-108843/1-A	Method Blank	Total/NA	Solid	8015B NM	108843
LCS 880-108843/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108843
LCSD 880-108843/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108843
880-57399-2 MS	S-5 (1-3')	Total/NA	Solid	8015B NM	108843
880-57399-2 MSD	S-5 (1-3')	Total/NA	Solid	8015B NM	108843

Analysis Batch: 109267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57399-1	S-2 (6')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

GC Semi VOA (Continued)

Analysis Batch: 109267 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57399-2	S-5 (1-3')	Total/NA	Solid	8015 NM	
880-57399-3	S-7 (0-2')	Total/NA	Solid	8015 NM	
880-57399-4	S-8 (0-2')	Total/NA	Solid	8015 NM	
880-57399-5	S-9 (0-2')	Total/NA	Solid	8015 NM	
880-57399-6	S-6 (0-2')	Total/NA	Solid	8015 NM	
880-57399-7	S-10 (0-4')	Total/NA	Solid	8015 NM	
880-57399-8	S-11 (0-4')	Total/NA	Solid	8015 NM	
880-57399-9	S-12 (0-4')	Total/NA	Solid	8015 NM	
880-57399-10	S-13 (0-4')	Total/NA	Solid	8015 NM	
880-57399-11	S-14 (0-4')	Total/NA	Solid	8015 NM	
880-57399-12	S-15 (0-4')	Total/NA	Solid	8015 NM	
880-57399-13	S-16 (4')	Total/NA	Solid	8015 NM	
880-57399-14	S17 (0-3')	Total/NA	Solid	8015 NM	
880-57399-15	S-18 (0-3')	Total/NA	Solid	8015 NM	
880-57399-16	S-19 (3')	Total/NA	Solid	8015 NM	
880-57399-17	S-20 (0-3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 108885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57399-1	S-2 (6')	Soluble	Solid	DI Leach	
880-57399-2	S-5 (1-3')	Soluble	Solid	DI Leach	
880-57399-3	S-7 (0-2')	Soluble	Solid	DI Leach	
880-57399-4	S-8 (0-2')	Soluble	Solid	DI Leach	
880-57399-5	S-9 (0-2')	Soluble	Solid	DI Leach	
880-57399-6	S-6 (0-2')	Soluble	Solid	DI Leach	
880-57399-7	S-10 (0-4')	Soluble	Solid	DI Leach	
880-57399-8	S-11 (0-4')	Soluble	Solid	DI Leach	
880-57399-9	S-12 (0-4')	Soluble	Solid	DI Leach	
880-57399-10	S-13 (0-4')	Soluble	Solid	DI Leach	
880-57399-11	S-14 (0-4')	Soluble	Solid	DI Leach	
880-57399-12	S-15 (0-4')	Soluble	Solid	DI Leach	
880-57399-13	S-16 (4')	Soluble	Solid	DI Leach	
880-57399-14	S17 (0-3')	Soluble	Solid	DI Leach	
880-57399-15	S-18 (0-3')	Soluble	Solid	DI Leach	
880-57399-16	S-19 (3')	Soluble	Solid	DI Leach	
880-57399-17	S-20 (0-3')	Soluble	Solid	DI Leach	
MB 880-108885/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108885/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108885/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57399-1 MS	S-2 (6')	Soluble	Solid	DI Leach	
880-57399-1 MSD	S-2 (6')	Soluble	Solid	DI Leach	
880-57399-11 MS	S-14 (0-4')	Soluble	Solid	DI Leach	
880-57399-11 MSD	S-14 (0-4')	Soluble	Solid	DI Leach	

Analysis Batch: 108905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57399-1	S-2 (6')	Soluble	Solid	300.0	108885
880-57399-2	S-5 (1-3')	Soluble	Solid	300.0	108885
880-57399-3	S-7 (0-2')	Soluble	Solid	300.0	108885

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

HPLC/IC (Continued)

Analysis Batch: 108905 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57399-4	S-8 (0-2')	Soluble	Solid	300.0	108885
880-57399-5	S-9 (0-2')	Soluble	Solid	300.0	108885
880-57399-6	S-6 (0-2')	Soluble	Solid	300.0	108885
880-57399-7	S-10 (0-4')	Soluble	Solid	300.0	108885
880-57399-8	S-11 (0-4')	Soluble	Solid	300.0	108885
880-57399-9	S-12 (0-4')	Soluble	Solid	300.0	108885
880-57399-10	S-13 (0-4')	Soluble	Solid	300.0	108885
880-57399-11	S-14 (0-4')	Soluble	Solid	300.0	108885
880-57399-12	S-15 (0-4')	Soluble	Solid	300.0	108885
880-57399-13	S-16 (4')	Soluble	Solid	300.0	108885
880-57399-14	S17 (0-3')	Soluble	Solid	300.0	108885
880-57399-15	S-18 (0-3')	Soluble	Solid	300.0	108885
880-57399-16	S-19 (3')	Soluble	Solid	300.0	108885
880-57399-17	S-20 (0-3')	Soluble	Solid	300.0	108885
MB 880-108885/1-A	Method Blank	Soluble	Solid	300.0	108885
LCS 880-108885/2-A	Lab Control Sample	Soluble	Solid	300.0	108885
LCSD 880-108885/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108885
880-57399-1 MS	S-2 (6')	Soluble	Solid	300.0	108885
880-57399-1 MSD	S-2 (6')	Soluble	Solid	300.0	108885
880-57399-11 MS	S-14 (0-4')	Soluble	Solid	300.0	108885
880-57399-11 MSD	S-14 (0-4')	Soluble	Solid	300.0	108885

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-2 (6')

Lab Sample ID: 880-57399-1
Matrix: Solid
Date Collected: 04/23/25 11:45
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 11:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 11:12	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 09:25	CH	EET MID

Client Sample ID: S-5 (1-3')

Lab Sample ID: 880-57399-2
Matrix: Solid
Date Collected: 04/23/25 11:50
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 10:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 10:20	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 09:46	CH	EET MID

Client Sample ID: S-7 (0-2')

Lab Sample ID: 880-57399-3
Matrix: Solid
Date Collected: 04/23/25 11:55
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 11:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 11:29	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 09:53	CH	EET MID

Client Sample ID: S-8 (0-2')

Lab Sample ID: 880-57399-4
Matrix: Solid
Date Collected: 04/23/25 12:00
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 11:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 11:46	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 10:01	CH	EET MID

Client Sample ID: S-9 (0-2')

Lab Sample ID: 880-57399-5
Matrix: Solid
Date Collected: 04/23/25 12:05
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 12:03	SM	EET MID

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-9 (0-2')

Lab Sample ID: 880-57399-5
Matrix: Solid
Date Collected: 04/23/25 12:05
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 12:03	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 10:08	CH	EET MID

Client Sample ID: S-6 (0-2')

Lab Sample ID: 880-57399-6
Matrix: Solid
Date Collected: 04/23/25 12:10
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 12:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 12:21	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 10:29	CH	EET MID

Client Sample ID: S-10 (0-4')

Lab Sample ID: 880-57399-7
Matrix: Solid
Date Collected: 04/23/25 12:15
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 12:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 12:38	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 10:36	CH	EET MID

Client Sample ID: S-11 (0-4')

Lab Sample ID: 880-57399-8
Matrix: Solid
Date Collected: 04/23/25 12:20
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 12:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 12:55	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 10:43	CH	EET MID

Client Sample ID: S-12 (0-4')

Lab Sample ID: 880-57399-9
Matrix: Solid
Date Collected: 04/23/25 12:25
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 13:11	SM	EET MID

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-12 (0-4')

Lab Sample ID: 880-57399-9
Matrix: Solid
Date Collected: 04/23/25 12:25
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 13:11	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 10:51	CH	EET MID

Client Sample ID: S-13 (0-4')

Lab Sample ID: 880-57399-10
Matrix: Solid
Date Collected: 04/23/25 12:30
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 13:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	109158	05/01/25 13:28	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 10:58	CH	EET MID

Client Sample ID: S-14 (0-4')

Lab Sample ID: 880-57399-11
Matrix: Solid
Date Collected: 04/23/25 12:35
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 13:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	109158	05/01/25 13:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 11:05	CH	EET MID

Client Sample ID: S-15 (0-4')

Lab Sample ID: 880-57399-12
Matrix: Solid
Date Collected: 04/23/25 12:40
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 14:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	109158	05/01/25 14:02	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 11:26	CH	EET MID

Client Sample ID: S-16 (4')

Lab Sample ID: 880-57399-13
Matrix: Solid
Date Collected: 04/23/25 12:45
Date Received: 04/28/25 15:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 14:19	SM	EET MID

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-16 (4')
Date Collected: 04/23/25 12:45
Date Received: 04/28/25 15:11

Lab Sample ID: 880-57399-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 14:19	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 11:34	CH	EET MID

Client Sample ID: S17 (0-3')
Date Collected: 04/23/25 12:50
Date Received: 04/28/25 15:11

Lab Sample ID: 880-57399-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 14:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	109158	05/01/25 14:36	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 11:55	CH	EET MID

Client Sample ID: S-18 (0-3')
Date Collected: 04/23/25 12:55
Date Received: 04/28/25 15:11

Lab Sample ID: 880-57399-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 14:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 14:53	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 12:02	CH	EET MID

Client Sample ID: S-19 (3')
Date Collected: 04/23/25 13:00
Date Received: 04/28/25 15:11

Lab Sample ID: 880-57399-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 15:10	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 12:09	CH	EET MID

Client Sample ID: S-20 (0-3')
Date Collected: 04/23/25 13:10
Date Received: 04/28/25 15:11

Lab Sample ID: 880-57399-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109267	05/01/25 15:27	SM	EET MID

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Client Sample ID: S-20 (0-3')

Date Collected: 04/23/25 13:10
Date Received: 04/28/25 15:11

Lab Sample ID: 880-57399-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108843	04/28/25 11:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109158	05/01/25 15:27	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108885	04/28/25 15:33	SI	EET MID
Soluble	Analysis	300.0		1			108905	04/29/25 12:16	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

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
8015 NM		Solid	Total TPH

Method Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-57399-1
SDG: Lea Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-57399-1	S-2 (6')	Solid	04/23/25 11:45	04/28/25 15:11	6'
880-57399-2	S-5 (1-3')	Solid	04/23/25 11:50	04/28/25 15:11	1-3'
880-57399-3	S-7 (0-2')	Solid	04/23/25 11:55	04/28/25 15:11	0-2'
880-57399-4	S-8 (0-2')	Solid	04/23/25 12:00	04/28/25 15:11	0-2'
880-57399-5	S-9 (0-2')	Solid	04/23/25 12:05	04/28/25 15:11	0-2'
880-57399-6	S-6 (0-2')	Solid	04/23/25 12:10	04/28/25 15:11	0-2'
880-57399-7	S-10 (0-4')	Solid	04/23/25 12:15	04/28/25 15:11	0-4'
880-57399-8	S-11 (0-4')	Solid	04/23/25 12:20	04/28/25 15:11	0-4'
880-57399-9	S-12 (0-4')	Solid	04/23/25 12:25	04/28/25 15:11	0-4'
880-57399-10	S-13 (0-4')	Solid	04/23/25 12:30	04/28/25 15:11	0-4'
880-57399-11	S-14 (0-4')	Solid	04/23/25 12:35	04/28/25 15:11	0-4'
880-57399-12	S-15 (0-4')	Solid	04/23/25 12:40	04/28/25 15:11	0-4'
880-57399-13	S-16 (4')	Solid	04/23/25 12:45	04/28/25 15:11	4'
880-57399-14	S17 (0-3')	Solid	04/23/25 12:50	04/28/25 15:11	0-3'
880-57399-15	S-18 (0-3')	Solid	04/23/25 12:55	04/28/25 15:11	0-3'
880-57399-16	S-19 (3')	Solid	04/23/25 13:00	04/28/25 15:11	3'
880-57399-17	S-20 (0-3')	Solid	04/23/25 13:10	04/28/25 15:11	0-3'

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carisbad, NM (575) 988-3199

880-57399 Chain of Custody

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Project Manager:	Cindy Crain	Bill to: (if different)	Billy Moore
Company Name:	Crain Environmental	Company Name:	Forty Acres
Address:	2925 E. 17th St.	Address:	11757 Katy Frwy, Ste. 725
City, State ZIP:	Odessa, TX 79761	City, State ZIP:	Houston, TX 77079
Phone:	(575) 441-7244 Email:	Email:	cindy.crain@gmail.com; billy@fortyacresenergy.us.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: NM
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	RR Bell TB	Turn Around	☒ Routine ☐ Rush
Project Number:	—	Pres. Code	
Project Location:	Lea Co., NM	Due Date:	
Sampler's Name:	Cindy Crain	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	—		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	9.8
Total Containers:		Corrected Temperature:	9.7

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: TPH 8015M	Parameters: Chlorides	Sample Comments
S-2 (6')	S	4/23/25	1145	6'	C	1	X	X	
S-5 (1-3')			1150	1-3'					
S-7 (0-2')			1155	0-2'					
S-8 (0-2')			1200	0-2'					
S-9 (0-2')			1205	0-2'					
S-6 (0-2')			1210	0-2'					
S-10 (0-4')			1215	0-4'					
S-11 (0-4')			1220	0-4'					
S-12 (0-4')			1225	0-4'					
S-13 (0-4')	↓	↓	1230	0-4'	↓	↓	↓	↓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Cindy Crain		4/25/25 1511	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 2 of 2

Project Manager:	Cindy Crain	Bill to: (if different)	Billy Moore
Company Name:	Crain Environmental	Company Name:	Forty Acres
Address:	2925 E. 17th St.	Address:	11757 Katy Frwy. Ste. 725
City, State ZIP:	Odessa, TX 79761	City, State ZIP:	Houston, TX 77079
Phone:	(575) 441-7244	Email:	Cindy.crain@gmail.com; billy@faenergy.us.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: NM
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	RR Bell TB	Turn Around	☒ Routine ☐ Rush
Project Number:	-	Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Cindy Crain		
PO #:	-		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	9.8
Total Containers:		Corrected Temperature:	9.7

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015M	Parameters: Chlorides	Sample Comments
S-14 (0-4')	S	4/23/25	1235	0-4'	C	1		X	X	
S-15 (0-4')			1240	0-4'						
S-16 (4')			1245	4'						
S-17 (0-3')			1250	0-3'						
S-18 (0-3')			1255	0-3'						
S-19 (3')			1300	3'						
S-20 (0-3')			1310	0-3'						

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Cindy Crain		4/25/25 15:11	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Crain Environmental

Job Number: 880-57399-1
SDG Number: Lea Co., NM

Login Number: 57399
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Cindy Crain
Crain Environmental
2925 E. 17th St.
Odessa, Texas 79761

Generated 7/2/2025 5:00:37 PM

JOB DESCRIPTION

RR Bell TB
Lea Co., NM

JOB NUMBER

880-59786-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

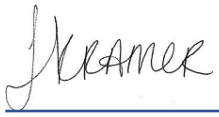
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
7/2/2025 5:00:37 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Crain Environmental
Project/Site: RR Bell TB

Laboratory Job ID: 880-59786-1
SDG: Lea Co., NM

Table of Contents

Definitions/Glossary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Crain Environmental
Project: RR Bell TB

Job ID: 880-59786-1

Job ID: 880-59786-1 Eurofins Midland

Job Narrative
880-59786-1

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 6/26/2025 12:26 PM. 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 -6.5°C.

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-113171/2-A) and (LCSD 880-113171/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-113200 and analytical batch 880-113282 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.

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

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Client Sample ID: S-17

Lab Sample ID: 880-59786-1
Date Collected: 06/25/25 00:00
Matrix: Solid
Date Received: 06/26/25 12:26

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**208**		50.1		mg/Kg			07/01/25 19:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/26/25 12:13	07/01/25 19:59	1
Diesel Range Organics (Over C10-C28)	**208**		50.1		mg/Kg		06/26/25 12:13	07/01/25 19:59	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/26/25 12:13	07/01/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*06/26/25 12:13*	*07/01/25 19:59*	*1*
o-Terphenyl	*113*		*70 - 130*	*06/26/25 12:13*	*07/01/25 19:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.2**		9.92		mg/Kg			06/28/25 00:28	1

Client Sample ID: S-20

Lab Sample ID: 880-59786-2
Date Collected: 06/25/25 00:00
Matrix: Solid
Date Received: 06/26/25 12:26

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			07/01/25 20:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		06/26/25 12:13	07/01/25 20:18	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/26/25 12:13	07/01/25 20:18	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/26/25 12:13	07/01/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*06/26/25 12:13*	*07/01/25 20:18*	*1*
o-Terphenyl	*111*		*70 - 130*	*06/26/25 12:13*	*07/01/25 20:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		9.96		mg/Kg			06/28/25 00:35	1

Client Sample ID: S-9

Lab Sample ID: 880-59786-3
Date Collected: 06/25/25 00:00
Matrix: Solid
Date Received: 06/26/25 12:26

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.4**		49.8		mg/Kg			07/01/25 20:39	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Client Sample ID: S-9

Lab Sample ID: 880-59786-3
Matrix: Solid
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/25 12:13	07/01/25 20:39	1
Diesel Range Organics (Over C10-C28)	**63.4**		49.8		mg/Kg		06/26/25 12:13	07/01/25 20:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/25 12:13	07/01/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*06/26/25 12:13*	*07/01/25 20:39*	*1*
o-Terphenyl	*113*		*70 - 130*	*06/26/25 12:13*	*07/01/25 20:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		9.92		mg/Kg			06/28/25 00:42	1

Client Sample ID: S-13

Lab Sample ID: 880-59786-4
Matrix: Solid
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**462**		50.3		mg/Kg			07/02/25 02:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		06/26/25 14:41	07/02/25 02:21	1
Diesel Range Organics (Over C10-C28)	**462**		50.3		mg/Kg		06/26/25 14:41	07/02/25 02:21	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		06/26/25 14:41	07/02/25 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*06/26/25 14:41*	*07/02/25 02:21*	*1*
o-Terphenyl	*123*		*70 - 130*	*06/26/25 14:41*	*07/02/25 02:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**202**	**F1**	9.92		mg/Kg			06/28/25 05:52	1

Client Sample ID: S-14

Lab Sample ID: 880-59786-5
Matrix: Solid
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			07/02/25 01:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/26/25 14:41	07/02/25 01:38	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/26/25 14:41	07/02/25 01:38	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/26/25 14:41	07/02/25 01:38	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Client Sample ID: S-14

Lab Sample ID: 880-59786-5
Date Collected: 06/25/25 00:00
Matrix: Solid
Date Received: 06/26/25 12:26

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	06/26/25 14:41	07/02/25 01:38	1
o-Terphenyl	126		70 - 130	06/26/25 14:41	07/02/25 01:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.6		9.98		mg/Kg			06/28/25 06:13	1

Client Sample ID: S-15

Lab Sample ID: 880-59786-6
Date Collected: 06/25/25 00:00
Matrix: Solid
Date Received: 06/26/25 12:26

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/02/25 02:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/25 14:41	07/02/25 02:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/25 14:41	07/02/25 02:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/25 14:41	07/02/25 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	06/26/25 14:41	07/02/25 02:36	1
o-Terphenyl	127		70 - 130	06/26/25 14:41	07/02/25 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		9.98		mg/Kg			06/28/25 06:20	1

Client Sample ID: S-16

Lab Sample ID: 880-59786-7
Date Collected: 06/25/25 00:00
Matrix: Solid
Date Received: 06/26/25 12:26

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/02/25 02:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/25 14:41	07/02/25 02:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/25 14:41	07/02/25 02:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/25 14:41	07/02/25 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	06/26/25 14:41	07/02/25 02:51	1
o-Terphenyl	126		70 - 130	06/26/25 14:41	07/02/25 02:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.9		10.0		mg/Kg			06/28/25 06:28	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Client Sample ID: S-21

Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Lab Sample ID: 880-59786-8

Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**138**		49.8		mg/Kg			07/02/25 03:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/25 14:41	07/02/25 03:06	1
Diesel Range Organics (Over C10-C28)	**138**		49.8		mg/Kg		06/26/25 14:41	07/02/25 03:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/25 14:41	07/02/25 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*06/26/25 14:41*	*07/02/25 03:06*	*1*
o-Terphenyl	*124*		*70 - 130*	*06/26/25 14:41*	*07/02/25 03:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**389**		10.1		mg/Kg			06/28/25 06:35	1

Surrogate Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-59786-1	S-17	112	113										
880-59786-2	S-20	111	111										
880-59786-3	S-9	113	113										
880-59786-4	S-13	112	123										
880-59786-5	S-14	123	126										
880-59786-5 MS	S-14	129	123										
880-59786-5 MSD	S-14	128	123										
880-59786-6	S-15	124	127										
880-59786-7	S-16	122	126										
880-59786-8	S-21	119	124										
LCS 880-113152/2-A	Lab Control Sample	117	105										
LCS 880-113171/2-A	Lab Control Sample	135 S1+	133 S1+										
LCSD 880-113152/3-A	Lab Control Sample Dup	115	105										
LCSD 880-113171/3-A	Lab Control Sample Dup	140 S1+	137 S1+										
MB 880-113152/1-A	Method Blank	112	116										
MB 880-113171/1-A	Method Blank	122	128										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-113152/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113441 — **Prep Batch: 113152**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/25 12:12	07/01/25 10:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/25 12:12	07/01/25 10:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/25 12:12	07/01/25 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*06/26/25 12:12*	*07/01/25 10:11*	*1*
o-Terphenyl	*116*		*70 - 130*	*06/26/25 12:12*	*07/01/25 10:11*	*1*

Lab Sample ID: LCS 880-113152/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113441 — **Prep Batch: 113152**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1119		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	823.9		mg/Kg		82	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*105*		*70 - 130*

Lab Sample ID: LCSD 880-113152/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113441 — **Prep Batch: 113152**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	939.7		mg/Kg		94	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	1000	813.9		mg/Kg		81	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*105*		*70 - 130*

Lab Sample ID: MB 880-113171/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113433 — **Prep Batch: 113171**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/25 14:41	07/02/25 00:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/25 14:41	07/02/25 00:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/25 14:41	07/02/25 00:52	1

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-113171/1-A
Matrix: Solid
Analysis Batch: 113433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113171

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	06/26/25 14:41	07/02/25 00:52	1
o-Terphenyl	128		70 - 130	06/26/25 14:41	07/02/25 00:52	1

Lab Sample ID: LCS 880-113171/2-A
Matrix: Solid
Analysis Batch: 113433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113171

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1101		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	940.7		mg/Kg		94	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: LCSD 880-113171/3-A
Matrix: Solid
Analysis Batch: 113433

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 113171

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1133		mg/Kg		113	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	950.4		mg/Kg		95	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	140	S1+	70 - 130
o-Terphenyl	137	S1+	70 - 130

Lab Sample ID: 880-59786-5 MS
Matrix: Solid
Analysis Batch: 113433

Client Sample ID: S-14
Prep Type: Total/NA
Prep Batch: 113171

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	935.0		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	999	812.6		mg/Kg		81	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	123		70 - 130

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-59786-5 MSD — **Client Sample ID: S-14**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113433 — **Prep Batch: 113171**

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	<50.1	U	999	974.4		mg/Kg		98	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.1	U	999	823.7		mg/Kg		82	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*128*		*70 - 130*
o-Terphenyl	*123*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-113191/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/27/25 21:06	1

Lab Sample ID: LCS 880-113191/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.3		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-113191/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113201

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.0		mg/Kg		104	90 - 110	2	20

Lab Sample ID: MB 880-113200/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113282

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/28/25 05:30	1

Lab Sample ID: LCS 880-113200/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113282

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.8		mg/Kg		104	90 - 110

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-113200/3-A
Matrix: Solid
Analysis Batch: 113282

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	259.9		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-59786-4 MS
Matrix: Solid
Analysis Batch: 113282

Client Sample ID: S-13
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	202	F1	248	528.7	F1	mg/Kg		132	90 - 110

Lab Sample ID: 880-59786-4 MSD
Matrix: Solid
Analysis Batch: 113282

Client Sample ID: S-13
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	202	F1	248	533.9	F1	mg/Kg		134	90 - 110	1	20

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

GC Semi VOA

Prep Batch: 113152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-1	S-17	Total/NA	Solid	8015NM Prep	
880-59786-2	S-20	Total/NA	Solid	8015NM Prep	
880-59786-3	S-9	Total/NA	Solid	8015NM Prep	
MB 880-113152/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-113152/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-113152/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 113171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-4	S-13	Total/NA	Solid	8015NM Prep	
880-59786-5	S-14	Total/NA	Solid	8015NM Prep	
880-59786-6	S-15	Total/NA	Solid	8015NM Prep	
880-59786-7	S-16	Total/NA	Solid	8015NM Prep	
880-59786-8	S-21	Total/NA	Solid	8015NM Prep	
MB 880-113171/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-113171/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-113171/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-59786-5 MS	S-14	Total/NA	Solid	8015NM Prep	
880-59786-5 MSD	S-14	Total/NA	Solid	8015NM Prep	

Analysis Batch: 113433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-4	S-13	Total/NA	Solid	8015B NM	113171
880-59786-5	S-14	Total/NA	Solid	8015B NM	113171
880-59786-6	S-15	Total/NA	Solid	8015B NM	113171
880-59786-7	S-16	Total/NA	Solid	8015B NM	113171
880-59786-8	S-21	Total/NA	Solid	8015B NM	113171
MB 880-113171/1-A	Method Blank	Total/NA	Solid	8015B NM	113171
LCS 880-113171/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	113171
LCSD 880-113171/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	113171
880-59786-5 MS	S-14	Total/NA	Solid	8015B NM	113171
880-59786-5 MSD	S-14	Total/NA	Solid	8015B NM	113171

Analysis Batch: 113441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-1	S-17	Total/NA	Solid	8015B NM	113152
880-59786-2	S-20	Total/NA	Solid	8015B NM	113152
880-59786-3	S-9	Total/NA	Solid	8015B NM	113152
MB 880-113152/1-A	Method Blank	Total/NA	Solid	8015B NM	113152
LCS 880-113152/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	113152
LCSD 880-113152/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	113152

Analysis Batch: 113550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-1	S-17	Total/NA	Solid	8015 NM	
880-59786-2	S-20	Total/NA	Solid	8015 NM	
880-59786-3	S-9	Total/NA	Solid	8015 NM	
880-59786-4	S-13	Total/NA	Solid	8015 NM	
880-59786-5	S-14	Total/NA	Solid	8015 NM	
880-59786-6	S-15	Total/NA	Solid	8015 NM	
880-59786-7	S-16	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

GC Semi VOA (Continued)

Analysis Batch: 113550 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-8	S-21	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 113191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-1	S-17	Soluble	Solid	DI Leach	
880-59786-2	S-20	Soluble	Solid	DI Leach	
880-59786-3	S-9	Soluble	Solid	DI Leach	
MB 880-113191/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113191/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113191/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 113200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-4	S-13	Soluble	Solid	DI Leach	
880-59786-5	S-14	Soluble	Solid	DI Leach	
880-59786-6	S-15	Soluble	Solid	DI Leach	
880-59786-7	S-16	Soluble	Solid	DI Leach	
880-59786-8	S-21	Soluble	Solid	DI Leach	
MB 880-113200/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113200/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113200/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59786-4 MS	S-13	Soluble	Solid	DI Leach	
880-59786-4 MSD	S-13	Soluble	Solid	DI Leach	

Analysis Batch: 113201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-1	S-17	Soluble	Solid	300.0	113191
880-59786-2	S-20	Soluble	Solid	300.0	113191
880-59786-3	S-9	Soluble	Solid	300.0	113191
MB 880-113191/1-A	Method Blank	Soluble	Solid	300.0	113191
LCS 880-113191/2-A	Lab Control Sample	Soluble	Solid	300.0	113191
LCSD 880-113191/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113191

Analysis Batch: 113282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59786-4	S-13	Soluble	Solid	300.0	113200
880-59786-5	S-14	Soluble	Solid	300.0	113200
880-59786-6	S-15	Soluble	Solid	300.0	113200
880-59786-7	S-16	Soluble	Solid	300.0	113200
880-59786-8	S-21	Soluble	Solid	300.0	113200
MB 880-113200/1-A	Method Blank	Soluble	Solid	300.0	113200
LCS 880-113200/2-A	Lab Control Sample	Soluble	Solid	300.0	113200
LCSD 880-113200/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113200
880-59786-4 MS	S-13	Soluble	Solid	300.0	113200
880-59786-4 MSD	S-13	Soluble	Solid	300.0	113200

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Client Sample ID: S-17
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Lab Sample ID: 880-59786-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			113550	07/01/25 19:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	113152	06/26/25 12:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113441	07/01/25 19:59	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113191	06/26/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			113201	06/28/25 00:28	CS	EET MID

Client Sample ID: S-20
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Lab Sample ID: 880-59786-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			113550	07/01/25 20:18	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	113152	06/26/25 12:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113441	07/01/25 20:18	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	113191	06/26/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			113201	06/28/25 00:35	CS	EET MID

Client Sample ID: S-9
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Lab Sample ID: 880-59786-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			113550	07/01/25 20:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	113152	06/26/25 12:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113441	07/01/25 20:39	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113191	06/26/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			113201	06/28/25 00:42	CS	EET MID

Client Sample ID: S-13
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Lab Sample ID: 880-59786-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			113550	07/02/25 02:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	113171	06/26/25 14:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113433	07/02/25 02:21	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113200	06/26/25 16:50	SA	EET MID
Soluble	Analysis	300.0		1			113282	06/28/25 05:52	CS	EET MID

Client Sample ID: S-14
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Lab Sample ID: 880-59786-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			113550	07/02/25 01:38	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Client Sample ID: S-14

Lab Sample ID: 880-59786-5
Matrix: Solid
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	113171	06/26/25 14:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113433	07/02/25 01:38	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	113200	06/26/25 16:50	SA	EET MID
Soluble	Analysis	300.0		1			113282	06/28/25 06:13	CS	EET MID

Client Sample ID: S-15

Lab Sample ID: 880-59786-6
Matrix: Solid
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			113550	07/02/25 02:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	113171	06/26/25 14:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113433	07/02/25 02:36	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	113200	06/26/25 16:50	SA	EET MID
Soluble	Analysis	300.0		1			113282	06/28/25 06:20	CS	EET MID

Client Sample ID: S-16

Lab Sample ID: 880-59786-7
Matrix: Solid
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			113550	07/02/25 02:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	113171	06/26/25 14:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113433	07/02/25 02:51	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	113200	06/26/25 16:50	SA	EET MID
Soluble	Analysis	300.0		1			113282	06/28/25 06:28	CS	EET MID

Client Sample ID: S-21

Lab Sample ID: 880-59786-8
Matrix: Solid
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 12:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			113550	07/02/25 03:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	113171	06/26/25 14:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113433	07/02/25 03:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	113200	06/26/25 16:50	SA	EET MID
Soluble	Analysis	300.0		1			113282	06/28/25 06:35	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-59786-1
SDG: Lea Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-59786-1	S-17	Solid	06/25/25 00:00	06/26/25 12:26
880-59786-2	S-20	Solid	06/25/25 00:00	06/26/25 12:26
880-59786-3	S-9	Solid	06/25/25 00:00	06/26/25 12:26
880-59786-4	S-13	Solid	06/25/25 00:00	06/26/25 12:26
880-59786-5	S-14	Solid	06/25/25 00:00	06/26/25 12:26
880-59786-6	S-15	Solid	06/25/25 00:00	06/26/25 12:26
880-59786-7	S-16	Solid	06/25/25 00:00	06/26/25 12:26
880-59786-8	S-21	Solid	06/25/25 00:00	06/26/25 12:26

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 97860

www.xenco.com Page 1 of 1

Project Manager:	Cindy Crain	Bill to: (if different)	Billy Moore
Company Name:	Crain Environmental	Company Name:	Forty Acres
Address:	2925 E. 17th St.	Address:	11757 Katy Frwy, Ste. 725
City, State ZIP:	Odessa, TX 79761	City, State ZIP:	Houston, TX 77079
Phone:	(575) 441-7244 Email:	Email:	Cindy.crain@gmail.com; billy@faenergyus.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: NM
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	RR Bell TB	Turn Around	☒ Routine ☐ Rush
Project Number:	—	Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Cindy Crain		
PO #:	—		

SAMPLE RECEIPT

Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR9
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.4
Total Containers:		Corrected Temperature:	-0.5

Preservative Codes

None: NO DI Water: H_2O
MeOH: Me
HNO_3: HN
NaOH: Na
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

880-59786 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: TPH 8015 M	Parameters: Chlorides	Sample Comments
S-17	S	6/25/25	1210	4-9'	C	1	X	X	
S-20			1215	0-3.5'					
S-9			1220	0-4'					
S-13			1225	0-4'					
S-14			1230	0-4'					
S-15			1235	0-4'					
S-16			1240	9'					
S-21			1245	9'					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Cindy Crain		6/26/25 1600	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Crain Environmental

Job Number: 880-59786-1
SDG Number: Lea Co., NM

Login Number: 59786
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Cindy Crain
Crain Environmental
2925 E. 17th St.
Odessa, Texas 79761

Generated 8/27/2025 10:13:23 AM

JOB DESCRIPTION

RR Bell TB
Lea Co, NM

JOB NUMBER

880-61883-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

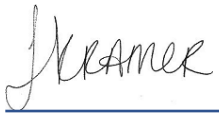
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
8/27/2025 10:13:23 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Crain Environmental
Project/Site: RR Bell TB

Laboratory Job ID: 880-61883-1
SDG: Lea Co, NM

Table of Contents

Definitions/Glossary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Crain Environmental
Project: RR Bell TB

Job ID: 880-61883-1

Job ID: 880-61883-1 Eurofins Midland

Job Narrative
880-61883-1

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

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

Receipt
The samples were received on 8/25/2025 9:54 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 4.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-13 (0-4') (880-61883-1), S-13 (4-7') (880-61883-2), S-17 (0-4') (880-61883-3), S-17 (4-9.5') (880-61883-4) and S-21 (9.5') (880-61883-5).

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

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

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Client Sample ID: S-13 (0-4')

Lab Sample ID: 880-61883-1
Matrix: Solid
Date Collected: 08/21/25 11:00
Date Received: 08/25/25 09:54
Sample Depth: 0-4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 03:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 03:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 03:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/25/25 10:30*	*08/27/25 03:27*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/25/25 10:30*	*08/27/25 03:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/26/25 01:32	1

Client Sample ID: S-13 (4-7')

Lab Sample ID: 880-61883-2
Matrix: Solid
Date Collected: 08/21/25 11:05
Date Received: 08/25/25 09:54
Sample Depth: 4-7'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/27/25 03:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/25/25 10:30	08/27/25 03:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/25 10:30	08/27/25 03:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/25 10:30	08/27/25 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/25/25 10:30*	*08/27/25 03:43*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/25/25 10:30*	*08/27/25 03:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/26/25 01:38	1

Client Sample ID: S-17 (0-4')

Lab Sample ID: 880-61883-3
Matrix: Solid
Date Collected: 08/21/25 11:10
Date Received: 08/25/25 09:54
Sample Depth: 0-4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 03:58	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Client Sample ID: S-17 (0-4')

Lab Sample ID: 880-61883-3
Matrix: Solid
Date Collected: 08/21/25 11:10
Date Received: 08/25/25 09:54
Sample Depth: 0-4'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 03:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 03:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/25/25 10:30*	*08/27/25 03:58*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/25/25 10:30*	*08/27/25 03:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			08/26/25 01:44	1

Client Sample ID: S-17 (4-9.5')

Lab Sample ID: 880-61883-4
Matrix: Solid
Date Collected: 08/21/25 11:15
Date Received: 08/25/25 09:54
Sample Depth: 4-9.5'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 04:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 04:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 04:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/25/25 10:30*	*08/27/25 04:29*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/25/25 10:30*	*08/27/25 04:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/26/25 02:01	1

Client Sample ID: S-21 (9.5')

Lab Sample ID: 880-61883-5
Matrix: Solid
Date Collected: 08/21/25 11:20
Date Received: 08/25/25 09:54
Sample Depth: 9.5'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 04:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/25/25 10:30	08/27/25 04:45	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Client Sample ID: S-21 (9.5')

Lab Sample ID: 880-61883-5
Matrix: Solid
Date Collected: 08/21/25 11:20
Date Received: 08/25/25 09:54
Sample Depth: 9.5'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/25 10:30	08/27/25 04:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/25 10:30	08/27/25 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/25/25 10:30*	*08/27/25 04:45*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/25/25 10:30*	*08/27/25 04:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			08/26/25 02:06	1

Surrogate Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-61883-1	S-13 (0-4')	80	76										
880-61883-2	S-13 (4-7')	77	74										
880-61883-3	S-17 (0-4')	77	74										
880-61883-4	S-17 (4-9.5')	80	77										
880-61883-5	S-21 (9.5')	79	75										
LCS 880-117443/2-A	Lab Control Sample	103	119										
LCSD 880-117443/3-A	Lab Control Sample Dup	104	119										
MB 880-117443/1-A	Method Blank	85	88										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-117443/1-A
Matrix: Solid
Analysis Batch: 117571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117443

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 00:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/25 10:30	08/27/25 00:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/25/25 10:30*	*08/27/25 00:24*	*1*
o-Terphenyl	*88*		*70 - 130*	*08/25/25 10:30*	*08/27/25 00:24*	*1*

Lab Sample ID: LCS 880-117443/2-A
Matrix: Solid
Analysis Batch: 117571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117443

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1045		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1068		mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

Lab Sample ID: LCSD 880-117443/3-A
Matrix: Solid
Analysis Batch: 117571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117443

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1049		mg/Kg		105	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1083		mg/Kg		108	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117446/1-A
Matrix: Solid
Analysis Batch: 117523

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/26/25 00:53	1

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-117446/2-A
Matrix: Solid
Analysis Batch: 117523

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.7		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-117446/3-A
Matrix: Solid
Analysis Batch: 117523

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.3		mg/Kg		94	90 - 110	1	20

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 117443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61883-1	S-13 (0-4')	Total/NA	Solid	8015NM Prep	
880-61883-2	S-13 (4-7')	Total/NA	Solid	8015NM Prep	
880-61883-3	S-17 (0-4')	Total/NA	Solid	8015NM Prep	
880-61883-4	S-17 (4-9.5')	Total/NA	Solid	8015NM Prep	
880-61883-5	S-21 (9.5')	Total/NA	Solid	8015NM Prep	
MB 880-117443/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117443/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117443/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61883-1	S-13 (0-4')	Total/NA	Solid	8015B NM	117443
880-61883-2	S-13 (4-7')	Total/NA	Solid	8015B NM	117443
880-61883-3	S-17 (0-4')	Total/NA	Solid	8015B NM	117443
880-61883-4	S-17 (4-9.5')	Total/NA	Solid	8015B NM	117443
880-61883-5	S-21 (9.5')	Total/NA	Solid	8015B NM	117443
MB 880-117443/1-A	Method Blank	Total/NA	Solid	8015B NM	117443
LCS 880-117443/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117443
LCSD 880-117443/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117443

Analysis Batch: 117677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61883-1	S-13 (0-4')	Total/NA	Solid	8015 NM	
880-61883-2	S-13 (4-7')	Total/NA	Solid	8015 NM	
880-61883-3	S-17 (0-4')	Total/NA	Solid	8015 NM	
880-61883-4	S-17 (4-9.5')	Total/NA	Solid	8015 NM	
880-61883-5	S-21 (9.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 117446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61883-1	S-13 (0-4')	Soluble	Solid	DI Leach	
880-61883-2	S-13 (4-7')	Soluble	Solid	DI Leach	
880-61883-3	S-17 (0-4')	Soluble	Solid	DI Leach	
880-61883-4	S-17 (4-9.5')	Soluble	Solid	DI Leach	
880-61883-5	S-21 (9.5')	Soluble	Solid	DI Leach	
MB 880-117446/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117446/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117446/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 117523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61883-1	S-13 (0-4')	Soluble	Solid	300.0	117446
880-61883-2	S-13 (4-7')	Soluble	Solid	300.0	117446
880-61883-3	S-17 (0-4')	Soluble	Solid	300.0	117446
880-61883-4	S-17 (4-9.5')	Soluble	Solid	300.0	117446
880-61883-5	S-21 (9.5')	Soluble	Solid	300.0	117446
MB 880-117446/1-A	Method Blank	Soluble	Solid	300.0	117446
LCS 880-117446/2-A	Lab Control Sample	Soluble	Solid	300.0	117446
LCSD 880-117446/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117446

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Client Sample ID: S-13 (0-4')

Lab Sample ID: 880-61883-1
Matrix: Solid
Date Collected: 08/21/25 11:00
Date Received: 08/25/25 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117677	08/27/25 03:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117443	08/25/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117571	08/27/25 03:27	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117446	08/25/25 10:37	SI	EET MID
Soluble	Analysis	300.0		1			117523	08/26/25 01:32	CS	EET MID

Client Sample ID: S-13 (4-7')

Lab Sample ID: 880-61883-2
Matrix: Solid
Date Collected: 08/21/25 11:05
Date Received: 08/25/25 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117677	08/27/25 03:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117443	08/25/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117571	08/27/25 03:43	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117446	08/25/25 10:37	SI	EET MID
Soluble	Analysis	300.0		1			117523	08/26/25 01:38	CS	EET MID

Client Sample ID: S-17 (0-4')

Lab Sample ID: 880-61883-3
Matrix: Solid
Date Collected: 08/21/25 11:10
Date Received: 08/25/25 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117677	08/27/25 03:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117443	08/25/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117571	08/27/25 03:58	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	117446	08/25/25 10:37	SI	EET MID
Soluble	Analysis	300.0		1			117523	08/26/25 01:44	CS	EET MID

Client Sample ID: S-17 (4-9.5')

Lab Sample ID: 880-61883-4
Matrix: Solid
Date Collected: 08/21/25 11:15
Date Received: 08/25/25 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117677	08/27/25 04:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117443	08/25/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117571	08/27/25 04:29	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117446	08/25/25 10:37	SI	EET MID
Soluble	Analysis	300.0		1			117523	08/26/25 02:01	CS	EET MID

Client Sample ID: S-21 (9.5')

Lab Sample ID: 880-61883-5
Matrix: Solid
Date Collected: 08/21/25 11:20
Date Received: 08/25/25 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117677	08/27/25 04:45	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Client Sample ID: S-21 (9.5')

Date Collected: 08/21/25 11:20
Date Received: 08/25/25 09:54

Lab Sample ID: 880-61883-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117443	08/25/25 10:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117571	08/27/25 04:45	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	117446	08/25/25 10:37	SI	EET MID
Soluble	Analysis	300.0		1			117523	08/26/25 02:06	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-61883-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-61883-1	S-13 (0-4')	Solid	08/21/25 11:00	08/25/25 09:54	0-4'
880-61883-2	S-13 (4-7')	Solid	08/21/25 11:05	08/25/25 09:54	4-7'
880-61883-3	S-17 (0-4')	Solid	08/21/25 11:10	08/25/25 09:54	0-4'
880-61883-4	S-17 (4-9.5')	Solid	08/21/25 11:15	08/25/25 09:54	4-9.5'
880-61883-5	S-21 (9.5')	Solid	08/21/25 11:20	08/25/25 09:54	9.5'

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

880-61883 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Cindy Crain	Bill to: (if different)	Billy Moore
Company Name:	Crain Environmental	Company Name:	Forty Acres
Address:	2925 East 17th Street	Address:	11757 Katy Frwy., Ste 725
City, State ZIP:	Odessa, TX 79761	City, State ZIP:	Houston, TX 77079
Phone:	(575) 441-7244	Email:	cindy.crain@gmail.com; billy@faenergyus.com

Work Order Comments

Program: UST/PST ☐ RP ☐ Brownfields RR ☐ Superfund ☐
State of Project: NM
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	RR Bell TB	Turn Around	☑ Routine ☐ Rush
Project Number:	NA	Due Date:	
Project Location:	Lea Co., NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Cindy Crain		
PO #:	NA		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.1
Total Containers:		Corrected Temperature:	4.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015 M	Parameters: Chlorides	Sample Comments
S-13 (0-4')	S	8/21/2025	1100	0-4'	C	1		X	X	
S-13 (4-7')	S	8/21/2025	1105	4-7'	C	1		X	X	
S-17 (0-4')	S	8/21/2025	1110	0-4'	C	1		X	X	
S-17 (4-9.5')	S	8/21/2025	1115	4-9.5'	C	1		X	X	
S-21 (9.5')	S	8/21/2025	1120	9.5'	C	1		X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Cindy Crain		8/25/25 954	2		
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Crain Environmental

Job Number: 880-61883-1
SDG Number: Lea Co, NM

Login Number: 61883
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Cindy Crain
Crain Environmental
2925 E. 17th St.
Odessa, Texas 79761

Generated 10/27/2025 7:53:55 PM

JOB DESCRIPTION

RR Bell TB
Lea Co., NM

JOB NUMBER

880-64032-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

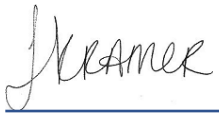
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/27/2025 7:53:55 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Crain Environmental
Project/Site: RR Bell TB

Laboratory Job ID: 880-64032-1
SDG: Lea Co., NM

Table of Contents

Definitions/Glossary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Crain Environmental
Project: RR Bell TB

Job ID: 880-64032-1

Job ID: 880-64032-1 Eurofins Midland

Job Narrative
880-64032-1

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

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

Receipt
The samples were received on 10/20/2025 2:05 PM. 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 -6.5°C.

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-121693/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) parent sample was canceled. (LCS/LCSD) recovery is within acceptance limits.

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

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Client Sample ID: S-22

Lab Sample ID: 880-64032-1
Matrix: Solid
Date Collected: 10/15/25 09:00
Date Received: 10/20/25 14:05
Sample Depth: 4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/25/25 01:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/25/25 01:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/25/25 01:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/25/25 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*10/21/25 12:20*	*10/25/25 01:12*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/21/25 12:20*	*10/25/25 01:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		9.92		mg/Kg			10/22/25 03:14	1

Client Sample ID: S-23

Lab Sample ID: 880-64032-2
Matrix: Solid
Date Collected: 10/15/25 09:05
Date Received: 10/20/25 14:05
Sample Depth: 4'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/25/25 01:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/21/25 12:20	10/25/25 01:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/21/25 12:20	10/25/25 01:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/21/25 12:20	10/25/25 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*10/21/25 12:20*	*10/25/25 01:26*	*1*
o-Terphenyl	*85*		*70 - 130*	*10/21/25 12:20*	*10/25/25 01:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		10.1		mg/Kg			10/22/25 03:20	1

Client Sample ID: S-24

Lab Sample ID: 880-64032-3
Matrix: Solid
Date Collected: 10/15/25 09:10
Date Received: 10/20/25 14:05
Sample Depth: 6'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/25/25 01:41	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Client Sample ID: S-24

Lab Sample ID: 880-64032-3
Matrix: Solid
Date Collected: 10/15/25 09:10
Date Received: 10/20/25 14:05
Sample Depth: 6'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/25/25 01:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/25/25 01:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/25/25 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*10/21/25 12:20*	*10/25/25 01:41*	*1*
o-Terphenyl	*92*		*70 - 130*	*10/21/25 12:20*	*10/25/25 01:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.2**		9.94		mg/Kg			10/22/25 03:26	1

Client Sample ID: S-25

Lab Sample ID: 880-64032-4
Matrix: Solid
Date Collected: 10/15/25 09:15
Date Received: 10/20/25 14:05
Sample Depth: 7'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/24/25 20:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 20:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 20:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*10/21/25 12:22*	*10/24/25 20:19*	*1*
o-Terphenyl	*104*		*70 - 130*	*10/21/25 12:22*	*10/24/25 20:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		9.92		mg/Kg			10/22/25 03:44	1

Client Sample ID: S-26

Lab Sample ID: 880-64032-5
Matrix: Solid
Date Collected: 10/15/25 09:20
Date Received: 10/20/25 14:05
Sample Depth: 7'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/24/25 21:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:02	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Client Sample ID: S-26

Lab Sample ID: 880-64032-5
Matrix: Solid
Date Collected: 10/15/25 09:20
Date Received: 10/20/25 14:05
Sample Depth: 7'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*10/21/25 12:22*	*10/24/25 21:02*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/21/25 12:22*	*10/24/25 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		9.96		mg/Kg			10/22/25 03:50	1

Client Sample ID: S-27

Lab Sample ID: 880-64032-6
Matrix: Solid
Date Collected: 10/15/25 09:25
Date Received: 10/20/25 14:05
Sample Depth: 0-3'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/24/25 21:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*10/21/25 12:22*	*10/24/25 21:16*	*1*
o-Terphenyl	*109*		*70 - 130*	*10/21/25 12:22*	*10/24/25 21:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		10.0		mg/Kg			10/22/25 03:56	1

Client Sample ID: S-28

Lab Sample ID: 880-64032-7
Matrix: Solid
Date Collected: 10/15/25 09:30
Date Received: 10/20/25 14:05
Sample Depth: 0-3.5'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/24/25 21:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/21/25 12:22	10/24/25 21:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/21/25 12:22	10/24/25 21:31	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Client Sample ID: S-28

Lab Sample ID: 880-64032-7
Matrix: Solid
Date Collected: 10/15/25 09:30
Date Received: 10/20/25 14:05
Sample Depth: 0-3.5'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/21/25 12:22	10/24/25 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*10/21/25 12:22*	*10/24/25 21:31*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/21/25 12:22*	*10/24/25 21:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.1**		10.1		mg/Kg			10/22/25 04:01	1

Client Sample ID: S-29

Lab Sample ID: 880-64032-8
Matrix: Solid
Date Collected: 10/15/25 09:35
Date Received: 10/20/25 14:05
Sample Depth: 8'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/24/25 21:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/21/25 12:22*	*10/24/25 21:45*	*1*
o-Terphenyl	*113*		*70 - 130*	*10/21/25 12:22*	*10/24/25 21:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		10.1		mg/Kg			10/22/25 04:07	1

Client Sample ID: S-30

Lab Sample ID: 880-64032-9
Matrix: Solid
Date Collected: 10/15/25 09:40
Date Received: 10/20/25 14:05
Sample Depth: 9'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/24/25 22:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/21/25 12:22	10/24/25 22:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/21/25 12:22	10/24/25 22:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/21/25 12:22	10/24/25 22:01	1

Client Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Client Sample ID: S-30

Date Collected: 10/15/25 09:40
Date Received: 10/20/25 14:05
Sample Depth: 9'

Lab Sample ID: 880-64032-9

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*10/21/25 12:22*	*10/24/25 22:01*	*1*
o-Terphenyl	*91*		*70 - 130*	*10/21/25 12:22*	*10/24/25 22:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		10.1		mg/Kg			10/22/25 04:13	1

Surrogate Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-64032-1	S-22	81	93										
880-64032-2	S-23	73	85										
880-64032-3	S-24	77	92										
880-64032-4	S-25	90	104										
880-64032-4 MS	S-25	93	96										
880-64032-4 MSD	S-25	102	106										
880-64032-5	S-26	92	108										
880-64032-6	S-27	94	109										
880-64032-7	S-28	95	108										
880-64032-8	S-29	99	113										
880-64032-9	S-30	81	91										
LCS 880-121692/2-A	Lab Control Sample	83	90										
LCS 880-121693/2-A	Lab Control Sample	99	104										
LCSD 880-121692/3-A	Lab Control Sample Dup	87	93										
LCSD 880-121693/3-A	Lab Control Sample Dup	103	111										
MB 880-121692/1-A	Method Blank	96	113										
MB 880-121693/1-A	Method Blank	114	131 S1+										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-121692/1-A
Matrix: Solid
Analysis Batch: 121971

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/24/25 19:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/24/25 19:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/25 12:20	10/24/25 19:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*10/21/25 12:20*	*10/24/25 19:04*	*1*
o-Terphenyl	*113*		*70 - 130*	*10/21/25 12:20*	*10/24/25 19:04*	*1*

Lab Sample ID: LCS 880-121692/2-A
Matrix: Solid
Analysis Batch: 121971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121692

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	812.3		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	994.8		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*83*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Lab Sample ID: LCSD 880-121692/3-A
Matrix: Solid
Analysis Batch: 121971

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121692

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	829.1		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1058		mg/Kg		106	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: MB 880-121693/1-A
Matrix: Solid
Analysis Batch: 121967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121693

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 19:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 19:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/21/25 12:22	10/24/25 19:04	1

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-121693/1-A
Matrix: Solid
Analysis Batch: 121967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121693

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	10/21/25 12:22	10/24/25 19:04	1
o-Terphenyl	131	S1+	70 - 130	10/21/25 12:22	10/24/25 19:04	1

Lab Sample ID: LCS 880-121693/2-A
Matrix: Solid
Analysis Batch: 121967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121693

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1013		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1160		mg/Kg		116	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-121693/3-A
Matrix: Solid
Analysis Batch: 121967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121693

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1052		mg/Kg		105	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1220		mg/Kg		122	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-64032-4 MS
Matrix: Solid
Analysis Batch: 121967

Client Sample ID: S-25
Prep Type: Total/NA
Prep Batch: 121693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	757.6		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	861.9		mg/Kg		86	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	96		70 - 130

QC Sample Results

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-64032-4 MSD — **Client Sample ID: S-25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121967 — **Prep Batch: 121693**

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	<50.0	U	997	856.6		mg/Kg		86	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	991.2		mg/Kg		99	70 - 130	14	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121703/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121720

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/22/25 02:33	1

Lab Sample ID: LCS 880-121703/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121720

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.5		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-121703/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121720

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.5		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-64032-9 MS — **Client Sample ID: S-30**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121720

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	119		251	360.9		mg/Kg		97	90 - 110

Lab Sample ID: 880-64032-9 MSD — **Client Sample ID: S-30**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121720

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	119		251	360.6		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

GC Semi VOA

Prep Batch: 121692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64032-1	S-22	Total/NA	Solid	8015NM Prep	
880-64032-2	S-23	Total/NA	Solid	8015NM Prep	
880-64032-3	S-24	Total/NA	Solid	8015NM Prep	
MB 880-121692/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121692/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121692/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 121693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64032-4	S-25	Total/NA	Solid	8015NM Prep	
880-64032-5	S-26	Total/NA	Solid	8015NM Prep	
880-64032-6	S-27	Total/NA	Solid	8015NM Prep	
880-64032-7	S-28	Total/NA	Solid	8015NM Prep	
880-64032-8	S-29	Total/NA	Solid	8015NM Prep	
880-64032-9	S-30	Total/NA	Solid	8015NM Prep	
MB 880-121693/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121693/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121693/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-64032-4 MS	S-25	Total/NA	Solid	8015NM Prep	
880-64032-4 MSD	S-25	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64032-4	S-25	Total/NA	Solid	8015B NM	121693
880-64032-5	S-26	Total/NA	Solid	8015B NM	121693
880-64032-6	S-27	Total/NA	Solid	8015B NM	121693
880-64032-7	S-28	Total/NA	Solid	8015B NM	121693
880-64032-8	S-29	Total/NA	Solid	8015B NM	121693
880-64032-9	S-30	Total/NA	Solid	8015B NM	121693
MB 880-121693/1-A	Method Blank	Total/NA	Solid	8015B NM	121693
LCS 880-121693/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121693
LCSD 880-121693/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121693
880-64032-4 MS	S-25	Total/NA	Solid	8015B NM	121693
880-64032-4 MSD	S-25	Total/NA	Solid	8015B NM	121693

Analysis Batch: 121971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64032-1	S-22	Total/NA	Solid	8015B NM	121692
880-64032-2	S-23	Total/NA	Solid	8015B NM	121692
880-64032-3	S-24	Total/NA	Solid	8015B NM	121692
MB 880-121692/1-A	Method Blank	Total/NA	Solid	8015B NM	121692
LCS 880-121692/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121692
LCSD 880-121692/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121692

Analysis Batch: 122124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64032-1	S-22	Total/NA	Solid	8015 NM	
880-64032-2	S-23	Total/NA	Solid	8015 NM	
880-64032-3	S-24	Total/NA	Solid	8015 NM	
880-64032-4	S-25	Total/NA	Solid	8015 NM	
880-64032-5	S-26	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

GC Semi VOA (Continued)

Analysis Batch: 122124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64032-6	S-27	Total/NA	Solid	8015 NM	
880-64032-7	S-28	Total/NA	Solid	8015 NM	
880-64032-8	S-29	Total/NA	Solid	8015 NM	
880-64032-9	S-30	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 121703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64032-1	S-22	Soluble	Solid	DI Leach	
880-64032-2	S-23	Soluble	Solid	DI Leach	
880-64032-3	S-24	Soluble	Solid	DI Leach	
880-64032-4	S-25	Soluble	Solid	DI Leach	
880-64032-5	S-26	Soluble	Solid	DI Leach	
880-64032-6	S-27	Soluble	Solid	DI Leach	
880-64032-7	S-28	Soluble	Solid	DI Leach	
880-64032-8	S-29	Soluble	Solid	DI Leach	
880-64032-9	S-30	Soluble	Solid	DI Leach	
MB 880-121703/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121703/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121703/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-64032-9 MS	S-30	Soluble	Solid	DI Leach	
880-64032-9 MSD	S-30	Soluble	Solid	DI Leach	

Analysis Batch: 121720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64032-1	S-22	Soluble	Solid	300.0	121703
880-64032-2	S-23	Soluble	Solid	300.0	121703
880-64032-3	S-24	Soluble	Solid	300.0	121703
880-64032-4	S-25	Soluble	Solid	300.0	121703
880-64032-5	S-26	Soluble	Solid	300.0	121703
880-64032-6	S-27	Soluble	Solid	300.0	121703
880-64032-7	S-28	Soluble	Solid	300.0	121703
880-64032-8	S-29	Soluble	Solid	300.0	121703
880-64032-9	S-30	Soluble	Solid	300.0	121703
MB 880-121703/1-A	Method Blank	Soluble	Solid	300.0	121703
LCS 880-121703/2-A	Lab Control Sample	Soluble	Solid	300.0	121703
LCSD 880-121703/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121703
880-64032-9 MS	S-30	Soluble	Solid	300.0	121703
880-64032-9 MSD	S-30	Soluble	Solid	300.0	121703

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Client Sample ID: S-22
Date Collected: 10/15/25 09:00
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/25/25 01:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121692	10/21/25 12:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121971	10/25/25 01:12	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 03:14	CS	EET MID

Client Sample ID: S-23
Date Collected: 10/15/25 09:05
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/25/25 01:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121692	10/21/25 12:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121971	10/25/25 01:26	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 03:20	CS	EET MID

Client Sample ID: S-24
Date Collected: 10/15/25 09:10
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/25/25 01:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121692	10/21/25 12:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121971	10/25/25 01:41	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 03:26	CS	EET MID

Client Sample ID: S-25
Date Collected: 10/15/25 09:15
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/24/25 20:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121693	10/21/25 12:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121967	10/24/25 20:19	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 03:44	CS	EET MID

Client Sample ID: S-26
Date Collected: 10/15/25 09:20
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/24/25 21:02	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Client Sample ID: S-26
Date Collected: 10/15/25 09:20
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121693	10/21/25 12:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121967	10/24/25 21:02	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 03:50	CS	EET MID

Client Sample ID: S-27
Date Collected: 10/15/25 09:25
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/24/25 21:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121693	10/21/25 12:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121967	10/24/25 21:16	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 03:56	CS	EET MID

Client Sample ID: S-28
Date Collected: 10/15/25 09:30
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/24/25 21:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121693	10/21/25 12:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121967	10/24/25 21:31	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 04:01	CS	EET MID

Client Sample ID: S-29
Date Collected: 10/15/25 09:35
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/24/25 21:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121693	10/21/25 12:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121967	10/24/25 21:45	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 04:07	CS	EET MID

Client Sample ID: S-30
Date Collected: 10/15/25 09:40
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			122124	10/24/25 22:01	SA	EET MID

Lab Chronicle

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Client Sample ID: S-30

Date Collected: 10/15/25 09:40
Date Received: 10/20/25 14:05

Lab Sample ID: 880-64032-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121693	10/21/25 12:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121967	10/24/25 22:01	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121703	10/21/25 13:39	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121720	10/22/25 04:13	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Crain Environmental
Project/Site: RR Bell TB

Job ID: 880-64032-1
SDG: Lea Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-64032-1	S-22	Solid	10/15/25 09:00	10/20/25 14:05	4'
880-64032-2	S-23	Solid	10/15/25 09:05	10/20/25 14:05	4'
880-64032-3	S-24	Solid	10/15/25 09:10	10/20/25 14:05	6'
880-64032-4	S-25	Solid	10/15/25 09:15	10/20/25 14:05	7'
880-64032-5	S-26	Solid	10/15/25 09:20	10/20/25 14:05	7'
880-64032-6	S-27	Solid	10/15/25 09:25	10/20/25 14:05	0-3'
880-64032-7	S-28	Solid	10/15/25 09:30	10/20/25 14:05	0-3.5'
880-64032-8	S-29	Solid	10/15/25 09:35	10/20/25 14:05	8'
880-64032-9	S-30	Solid	10/15/25 09:40	10/20/25 14:05	9'

eurofins | Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

880-64032 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Cindy Crain	Bill to: (if different)	David Schellstede
Company Name:	Crain Environmental	Company Name:	Forty Acres
Address:	2925 East 17th Street	Address:	11757 Katy Frwy., Ste 725
City, State ZIP:	Odessa, TX 79761	City, State ZIP:	Houston, TX 77079
Phone:	(575) 441-7244	Email:	cindy.crain@gmail.com; david@faenergyus.com

Work Order Comments

Program: UST/PST ☐ RP ☐ Brownfields RR ☐ Superfund ☐
State of Project: NM
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	RR Bell TB	Turn Around	☑ Routine ☐ Rush
Project Number:	NA	Due Date:	
Project Location:	Lea Co., NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Cindy Crain		
PO #:	NA		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TA9
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.4
Total Containers:		Corrected Temperature:	-0.5

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: TPH 8015 M	Parameters: Chlorides	Sample Comments
S-22	S	10/15/2025	0900	4'	C	1	X	X	
S-23	S	10/15/2025	0905	4'	C	1	X	X	
S-24	S	10/15/2025	0910	6'	C	1	X	X	
S-25	S	10/15/2025	0915	7'	C	1	X	X	
S-26	S	10/15/2025	0920	7'	C	1	X	X	
S-27	S	10/15/2025	0925	0-3'	C	1	X	X	
S-28	S	10/15/2025	0930	0-3.5'	C	1	X	X	
S-29	S	10/15/2025	0935	8'	C	1	X	X	
S-30	S	10/15/2025	0940	9'	C	1	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Cindy Crain		10/20/25 1405	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Crain Environmental

Job Number: 880-64032-1
SDG Number: Lea Co., NM

Login Number: 64032
List Number: 1
Creator: Vasquez, Julisa

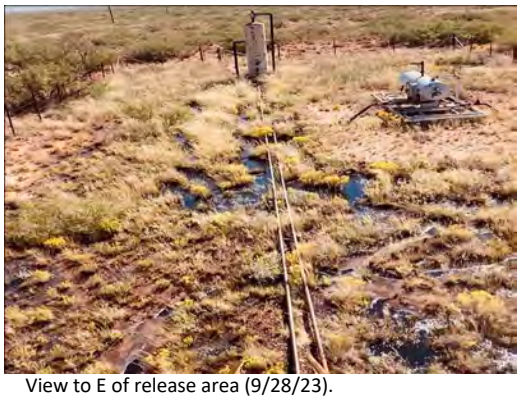
List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

Grain Environmental

Appendix D: Photographic Documentation

APPENDIX D
PHOTOGRAPHIC DOCUMENTATION
RR BELL BATTERY


View to E of release area (9/28/23).


View of release area (9/28/23).


View to SE of release area (5/2/24).


View to W of release area (5/2/24).


View of sample point S-1 (7/25/24).


View of sample points S-1 and S-2 (7/25/24).


View of sample point S-7 (7/25/24).


View of sample location S-2 (7/25/24).

APPENDIX D
PHOTOGRAPHIC DOCUMENTATION
RR BELL Battery


View to E of excavation N of tank (4/23/25).


View to NE of excavation S of tank (4/23/25).


View to W of excavation at tank (4/23/25).


View to E of excavation N of treater (4/23/25).


View to W of excavation N of treater (6/25/25).


View to E of excavation around tank (6/25/25).


View to W of excavation around tank (8/21/25).


View to E of excavation N of treater (8/21/25).

APPENDIX D
PHOTOGRAPHIC DOCUMENTATION
RR BELL Battery

View to W of excavation N of treater (10/15/25).

View to E of excavation N of treater (10/15/25).

View to SW of excavation at tank (10/15/25).

View to N of excavation E of tank (10/15/25).

View to NE of excavation at tank (10/15/25).

View to E of excavation N of tank (10/15/25).

Appendix E: Waste Manifests

From: Forty Acres Energy, LLC
To: CLAY COOPER
PO BOX 6
MONUMENT, NM 88265

Vendor Code	Check Date	Check Amount	Check Number
CLACOO	03/26/2024	$7,668.00	1835-105588

Invoice #	Invoice Amt
03262024 CONTAIN REMOVAL PAYMENT FOR CONTAINMENT REMOVAL AT SEVERAL LOCATIONS	7,668.00

From: Forty Acres Energy, LLC
To: CLAY COOPER
PO BOX 6
MONUMENT, NM 88265

Vendor Code	Check Date	Check Amount	Check Number
CLACOO	03/26/2024	$7,668.00	1835-105588

Invoice #	Invoice Amt
03262024 CONTAIN REMOVAL PAYMENT FOR CONTAINMENT REMOVAL AT SEVERAL LOCATIONS	7,668.00

TO VERIFY AUTHENTICITY, SEE REVERSE SIDE FOR DESCRIPTION OF THE 11 SECURITY FEATURES

Forty Acres Energy, LLC
11757 Katy Freeway, Suite 725
Houston, TX 77079

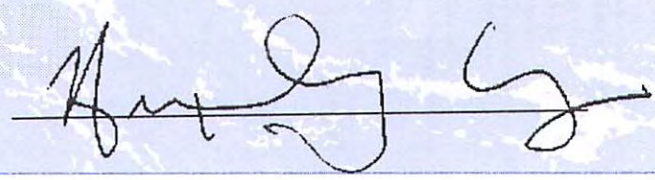
WaFd Bank **Void after 60 days**

105588

Seven thousand six hundred sixty-eight dollars and no cents

DATE	AMOUNT
03/26/2024	$**7,668.00*

Pay to the Order of
CLAY COOPER
PO BOX 6
MONUMENT, NM 88265



Vanessa Peace

From:	Vanessa Peace
Sent:	Tuesday, March 26, 2024 10:07 AM
To:	Melissa Wright
Cc:	Beau Johnson; Joe Kent
Subject:	Check Request - Clay Cooper
Attachments:	Clay Cooper Recent Contamination Removal Amount.xlsx; FW: Clay Cooper Recent Contamination Removal Amount.xlsx

Hi, Mel,

Please see below for check request:

Entity: FAE I

Well(s): Please see attached spreadsheet

Project: N/A

Purpose: Payment for Contamination Removal at Several Locations

Payee: Clay Cooper
Box 6
Monument, NM 88265

Amount: $7,668.00

Special Request: Please put Payment for Contamination Removal at Several Locations on memo line of check

Approval: see attached email from Joe

Attachments: Spreadsheet showing breakdown

Date Needed: by Thursday, March 28, 2024 by noon, so I can get in mail. We are closed Friday, March 29th

Thank you, Vanessa

Melissa Wright

From: Joe Kent
Sent: Tuesday, March 26, 2024 10:01 AM
To: Vanessa Peace; Melissa Wright
Cc: Beau Johnson
Subject: FW: Clay Cooper Recent Contamination Removal Amount.xlsx
Attachments: Clay Cooper Recent Contamination Removal Amount.xlsx

Can we get a check cut for the attached amount to send to Clay?

Let me know when the check is cut and placed in the mail so I can let him know.

-Joe

From: Beau Johnson <beau@faenergyus.com>
Sent: Friday, March 22, 2024 4:40 PM
To: Joe Kent <joe@faenergyus.com>
Subject: Fwd: Clay Cooper Recent Contamination Removal Amount.xlsx

FYI

From: Ryan Swift <ryan@faenergyus.com>
Sent: Friday, March 22, 2024 4:38 PM
To: Beau Johnson <beau@faenergyus.com>
Subject: Clay Cooper Recent Contamination Removal Amount.xlsx

			Cost/Ft^3	0.2		
Location	Date	Yards	Cubic feet	Cost	auled location	
WEU 522	1/30/2024	182	4914	$ 983	J&L	
RR bell	11/27/2023	260	7020	$ 1,404	Clays	
RR bell	2/1/2024	40	1080	$ 216	Clays	
Bay Fed	2/1/2024	40	1080	$ 216	Clays	
WEU 522	2/1/2024	60	1620	$ 324	J&L	
Pilot 3 line	1/9/2024	156	4212	$ 842	J&L	
WEU 410	2/2/2024	360	9720	$ 1,944	Clays	
WEU 525	2/28/2024	322	8694	$ 1,739	J&L	
			Total	$ 7,668		

RR Bell
- RRBell1
- " 2
- Falkst1
- ellStat ~~Bell~~ 1
- ellST1

Bay Fed
BayFedBat

Pilot 3 line
WEU

Gmail Cindy Crain <cindy.crain@gmail.com>

RR bell

1 message

David Schellstede <david@faenergyus.com> Mon, Jan 12, 2026 at 10:43 AM
To: Cindy Crain <cindy.crain@gmail.com>
Cc: James Martinez <james@faenergyus.com>

Cindy,

James told me you were looking for this information…

Attached are some of the hauling reports and land farm reports for the RR bell. Also included below is a table that we have been paying Clay Cooper on when soil is taken to his land farm. Let me know if you need any other info.

Date	Volume (Yards)	Disturbance Fee (per SUA) conversion (cubic foot)	Type	Soil Price	Soil Total	Disturbance fee	Disturbance Fee Total	Total	SMSWF	Cooper Trust	Notes	Entity
4/22/2025	120	3240	Contaminated Dirt	$ 18.00	$ 2,160.00	$ 0.169	$ 547.56	$ 2,707.56	$ 2,160.00	$ 547.56	RR Bell	SMSWF
6/27/2025	80	2160	Contaminated Dirt	$ 18.00	$ 1,440.00	$ 0.169	$ 365.04	$ 1,805.04	$ 1,440.00	$ 365.04	RR Bell	SMSWF

David

3 attachments

- **Forty Acres 38347.pdf** 1380K
- **3900.pdf** 1151K
- **FA 9154.pdf** 284K

J&L Landfarm Inc.

PO Box 356
Hobbs NM 88241
Permit #NM-01-0023

Invoice

Date	Invoice #
8/19/2025	3900

Bill To
Forty Acres Energy - FAE II 11757 Katy Freeway, Suite 725 Houston, TX 77079

Account No.	Job No.	Date Shipped
FAEII	3662	8/21/2025

Quantity	Description	Rate	Amount
	Lease: RR Bell CTB		
60	Non-hazardous hydrocarbon soil/per yard	15.00	900.00T
	LC Sales Tax	5.25%	47.25
		Total	$947.25

Make it last

3662

J & L LANDFARM, INC.

P.O. Box 356
HOBBS, NEW MEXICO 88241-0356
PHONE (575) 390-7446 and (575) 631-5766
PERMIT # NM-01-0023

Generator/Company Forty Acres

Authorized Representative

Originating Site RR Bell CTB

Transporter M. Mata #49

Authorized Representative Jose Cruz

Brief Description of Material Non Hazardous soil

Estimate Volume (20cy) ||| 60yds

TPH See

BE-TEX Test

CERTIFICATE OF CHEMICAL ANALYSIS (if required)

FACILITY AUTHORIZED REPRESENTATIVE

8-21-25

DATE

OMG - #2449

M MATA TRUCKING LLC

P.O. BOX 1263
NM 88241

Invoice

Date	Invoice #
10/10/2025	9154

Bill To
Forty Acres Energy, LLC FAE II Holdings, LLC 11757 Katy Freeway Houston, Texas 77079

P.O.	Location

Serviced	Description	Qty	Rate	Amount
10/10/2025	RR Bell CTB Excavate and haul out approximate 80 yards of c/s to disposal Quote includes: trucking and equipment	1	4,850.00	4,850.00T

Cran

APPROVED LOE or AFE

Company: 1

Well Name:

Account Code/Desc: 9031

AFE:

Date: 12-1-25

Sales Tax (5.25%)	$254.63
Total	$5,104.63

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 544252

QUESTIONS

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 544252
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2405454076**
Incident Name	**NAPP2405454076 R R BELL BATTERY @ 30-025-04401**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-025-04401] WEST EUMONT UNIT #405**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	R R BELL BATTERY
Date Release Discovered	09/28/2023
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Normal Operations | Flow Line - Production | Crude Oil | Released: 5 BBL | Recovered: 0 BBL | Lost: 5 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 544252
	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)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

I hereby agree and sign off to the above statement	Name: Cindy Crain Email: cindy.crain@gmail.com Date: 01/19/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 544252
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
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)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	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	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3700
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	12500
GRO+DRO (EPA SW-846 Method 8015M)	12500
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	07/25/2024
On what date will (or did) the final sampling or liner inspection occur	10/15/2025
On what date will (or was) the remediation complete(d)	10/15/2025
What is the estimated surface area (in square feet) that will be reclaimed	3000
What is the estimated volume (in cubic yards) that will be reclaimed	390
What is the estimated surface area (in square feet) that will be remediated	3000
What is the estimated volume (in cubic yards) that will be remediated	390
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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General Information
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Online Phone Directory
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 544252
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fAB0000000056 MONUMENT SITE #15 (TNM-94-58)
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Cindy Crain Email: cindy.crain@gmail.com Date: 01/19/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
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QUESTIONS

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

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QUESTIONS (continued)

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 544252
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**514342**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**10/15/2025**
What was the (estimated) number of samples that were to be gathered	**9**
What was the sampling surface area in square feet	**2300**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2300
What was the total volume (cubic yards) remediated	640
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	2300
What was the total volume (in cubic yards) reclaimed	640
Summarize any additional remediation activities not included by answers (above)	Upon NMOCD approval of this Closure Report, the excavation will be backfilled to grade with non-impacted similar material obtained from a landowner pit. Pursuant to 19.15.29.13 NMAC, the surface area will be restored to pre-release conditions. Surface grading will be performed to near original conditions and contoured to prevent erosion and ponding, promote stability, and preserve storm water flow patterns.

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

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

I hereby agree and sign off to the above statement	Name: Cindy Crain Email: cindy.crain@gmail.com Date: 01/19/2026

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QUESTIONS (continued)

Operator:	OGRID:
FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	371416
	Action Number: 544252
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 544252
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	3/11/2026