

CARMONA RESOURCES



SITE INFORMATION

Composite Sample Collection Plan
Lea Unit West Battery
Facility ID: fOY1707931278
Lea County, New Mexico
Unit E, Sec 12, T20S, R34E
32.589301, -103.521601

CARMONA RESOURCES



Prepared for:
Coterra Energy Operating Co.
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

CARMONA RESOURCES



Incident ID: nJXK1602649785

Crude Oil Release

Point of Release: Hole in the bottom of an oil tank

Release Date: 10.17.2012

Volume Released: 160 Barrels of Crude Oil

Volume Recovered: 100 Barrels of Crude Oil

Incident ID: nOY1707931963

Crude Oil Release

Point of Release: Man way gasket failed causing a leak and overspray into pasture.

Release Date: 03.20.2017

Volume Released: 10 Barrels of Crude Oil

Volume Recovered: 6 Barrels of Crude Oil

Incident ID: NOY1710038346

Produced Water Release

Point of Release: Valve accidentally closed, tanks overflowed

Release Date: 03.23.2017

Volume Released: 90 Barrels of Produced Water

Volume Recovered: 80 Barrels of Produced Water

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Incident ID: nOY1716040816

Produced Water Release

Point of Release: Gasket went out on separator, tanks to overflow

Release Date: 06.07.2017

Volume Released: 450 Barrels of Produced Water

Volume Recovered: 420 Barrels of Produced Water

Incident ID: nRM1926639762

Crude Oil Release

Point of Release: A crude oil tank overflowed

Release Date: 07.14.2019

Volume Released: 170 Barrels of Crude Oil

Volume Recovered: 168 Barrels of Crude Oil

Incident ID: nAPP2216744540

Produced Water Release

Point of Release: Spill Contained in secondary containment

Release Date: 06.12.2022

Volume Released: 303 Barrels of Produced Water

Volume Recovered: 300 Barrels of Produced Water

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

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July 20, 2026

New Mexico Oil Conservation Division
1220 South St., Francis Drive
Santa Fe, New Mexico 87505

Re: Composite Sample Collection Plan
Lea Federal Unit #021 (10.17.2012) - nJXK1602649785 (1RP-4117)
Lea Unit West Battery (03.20.2017) - nOY1707931963 (1RP-4646)
Lea Unit West Battery (03.23.2017) - nOY1710038346 (1RP-4655)
Lea Unit West Battery (06.07.2017) - nOY1716040816 (1RP-4718)
Lea Federal Unit West Battery (07.14.2019) - nRM1926639762
Lea Unit West Transfer Pump (06.12.2022) - nAPP2216744540
Coterra Energy Operating Co.
Site Location: Unit E, Sec 12, T20S, R34E
(Lat 32.589301°, Long -103.521601°)
Lea County, New Mexico

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra), Carmona Resources, LLC has prepared this letter to propose composite confirmation surface sampling activities for the Lea Unit West Battery which contains six (6) releases. The site is located at 32.589301°, -103.521601° within Unit E, S12, T20S, R34E in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

nJXK1602649785 (1RP-4117)

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 17, 2012, due to a hole in the bottom of an oil tank. It resulted in the release of approximately one hundred sixty (160) barrels of crude oil with one hundred (100) barrels of crude oil recovered. On the initial C-141, it was reported that “all fluids were contained within the berm area”. Refer to Figure 3A. The initial C-141 form is attached in Appendix C.

nOY1707931963 (1RP-4646)

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 20, 2017, due to a man way gasket failing causing a leak and over spray into the pasture. It resulted in the release of approximately ten (10) barrels of crude oil with six (6) barrels of crude oil recovered. On the initial C-141, it was reported that “most of the fluid stayed inside the containment for the battery with an overspray outside of the battery in the pasture”. Refer to Figure 3B. The initial C-141 form is attached in Appendix D.

nOY1710038346 (1RP-4655)

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 23, 2017, due to a valve accidentally closed causing the water tank to overflow. It resulted in the release of approximately ninety (90) barrels of produced water with eighty (80) barrels of produced water recovered. On the initial C-141, it was reported that “most of the fluid

310 West Wall Street, Suite 500
Midland, TX 79701
432.813.1992



stayed inside the containment. A slight overspray outside of the containment”. Refer to Figure 3B. The initial C-141 form is attached in Appendix D.

nOY1716040816 (1RP-4718)

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 7, 2017, due to a gasket failing on a separator and transfer pump causing tanks to overfill. It resulted in the release of approximately four hundred fifty (450) barrels of produced water with four hundred twenty (420) barrels of produced water recovered. On the initial C-141, it was reported that “everything stayed inside the dyke, had a little visible overspray on NE corner of the separator”. Refer to Figure 3B. The initial C-141 form is attached in Appendix D.

nRM1926639762

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 14, 2019, due to a crude oil tank that overflowed. It resulted in the release of approximately one hundred seventy (170) barrels of crude oil with one hundred sixty-eight (168) barrels of crude oil recovered. Refer to Figure 3D. On March 12, 2026, communication with the NMOCD confirmed that this incident was tied to the “Lea Unit West Battery”. Refer to Figure 3C. The initial C-141 form and recent NMOCD communication is attached in Appendix E.

nAPP2216744540

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 12, 2022, due to equipment failure on the pump. It resulted in the release of approximately three hundred three (303) barrels of produced water with three hundred (300) barrels of produced water recovered. On the initial C-141, it was reported that “the spill was completely contained in the facility secondary containment berm and free liquids were recovered”. Refer to Figure 3C. The initial C-141 form is attached in Appendix F.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one (1) groundwater determination bore within a 0.50-mile radius of the location. The nearest groundwater determination bore is approximately 0.25 miles Northeast of the site in S12, T20S, R34E, and was drilled in 2025. The bore was drilled to a depth of 105’ (ft bgs), where no evidence of groundwater was detected. A copy of the associated Summary Report is attached in Appendix G. The nearest significant watercourse, wetland, playa, permanent resident, private water well are all greater than 1.0 miles from the site.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria will be utilized in remediating the site. The standards below are also established for the upper 4 feet within the release area:

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

310 West Wall Street, Suite 500
Midland, TX 79701
432.813.1992



The following criteria will be utilized after 4 feet within the proposed work area:

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

4.0 Previous Work Onsite

nJXK1602649785

Between December 18, 2012 & July 2, 2013, a third-party contractor performed a site assessment and remediation activities to evaluate soil impacts stemming from the release. One (1) sample point (S-1) was advanced to depths ranging from surface to 10' bgs inside the release area to evaluate the vertical extent. Samples were collected in the following intervals: 0.75', 1.0', 3.0', 4.0', 6.0', 8.0', & 10.0'. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015M, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. Following the site assessment, the third-party contractor "mobilized to the site to begin excavation of the impacted area inside the tank battery in accordance with the work plan. The impacted soil within the tank battery was excavated to a depth of 3-feet. A roustabout crew was used to hand dig around the tanks and flow lines taking great care not to compromise the structural integrity of the storage tanks. The excavated soil was transported to an NMOCD approved solid waste disposal facility, Lea Land LLC." Once the excavation was opened up "A mixture of Micro Blaze and water was prepared per manufacture's specifications and spray-applied to the open excavation, sidewalls and at the base of the storage tanks." See Appendix C and Figure 3A.

Due to a lack of documented communication and approval between the third-party contractor, NMOCD, and Legacy Reserves Operating personnel, the reporting files reviewed on March 25, 2024 were not accepted.

The closure was denied for the following reasons:

1. *Could not find any approval/rejection for the remediation plan or closure report in the incident file. Reviewed the reports and deemed that both reports are not approvable due to depth to groundwater has not been adequately determined. There are wells in the area that prove that groundwater is potentially less than 100 feet bgs. A closure report will need to be submitted through the OCD Permitting website that complies with 19.15.29 NMAC (effective August 14, 2018).*

As mentioned in Section 2.0, depth to groundwater has since been adequately determined within 0.50 miles of the release area.

nOY1707931963 (1RP-4646), NOY1710038346 (1RP-4655), & nOY1716040816 (1RP-4718)

Between June 20, 2017 & December 12, 2017, a third-party contractor performed a site assessment to evaluate soil impacts stemming from the three (3) releases that occurred during that time. When conducting a historical review of the incidents that occurred in 2017, the previous third-party contractor combined the releases together as they were all located within the same area. Sample data was found within the documents found online pertaining to the three (3) releases mentioned above, but where the sample points were collected are uncertain. See Appendix D and Figure 3B.



Documentation of any remediation taking place onsite cannot be found onsite for the above-mentioned three (3) incidents.

nRM1926639762

On May 9, 2024, a third-party consultant and construction crew cleaned out the liner and performed a liner inspection of the “Hamon A Federal Com #002H”. They were sent to the wrong location on accident. Following the liner inspection event a closure report was submitted to the NMOCD for this site. Following the submission the NMOCD denied the closure report for the following reasons:

1. *Liner report rejected. According to initial C-141 submitted on 9/4/2019, the release occurred at LEA FEDERAL UNIT WEST BATTERY at 32.589305, -103.52155. The liner inspection was done at Hamon A Federal Com #002H at 32.580290, -103.604299. The site of the release still needs addressed. This liner report would have been rejected however as all peagravel and/or sand needs removed from the surface of the liner in order to verify its integrity pursuant to 19.15.29.11(A)5 NMAC. Because this release is 5 years old, delineation samples should be collected in all 4 cardinal directions around the tank battery to ensure the release was contained within the liner. They should be taken in 1 foot intervals down to a depth of 4 feet. Also pursuant to 19.15.29.11(A)1-5 NMAC, include site map, depth to ground water, wellhead protection area, distance to significant watercourse, and soil characteristics with every closure report. Resubmit report to the OCD by 9/23/24.*

On March 12, 2026, an incident review was discussed with the NMOCD in which it was confirmed that this incident was tied to the “Lea Unit West Battery” and not the “Hamon A Federal Com #002H”. Refer to Figure 3C. The initial C-141 form and recent NMOCD communication is attached in Appendix E.

nAPP2216744540

During the initial spill reporting, all free liquids were removed. No inspection or remediation documentation can be found. See Appendix E & Figure 3C for the estimated release area based on the location of the transfer pump and reported volume.

5.0 Recent Site Assessment Activities

On February 12, 2026, Carmona Resources, LLC performed a site assessment to evaluate soil impacts stemming from the releases inside and surrounding the tank battery. A total of nine (9) sample points (S-1 through S-9) were advanced to depths ranging from surface to 4.5’ bgs. Thirteen (13) horizontal samples (H-1 through H-13) were also collected during this time to horizontal define the release areas. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Labs in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix H. Sample locations are found in Figure 4. Refer to Table 1 for laboratory analysis.

No contamination was encountered during the site assessment of the tank battery for all the sample points (S-1 through S-9) and horizontal samples (H-1 through H-13).



6.0 Proposed Additional Site Assessment Plan

Based on a review of historical data found when reviewing nOY1707931963 (1RP-4646), NOY1710038346 (1RP-4655), & nOY1716040816 (1RP-4718), the area in the pasture to the northwest of the tank battery was missed during the “Recent Site Assessment Activities” mentioned above in section 5.0. Coterra proposes to return to the site to install two (2) additional sample points. As seen in Figure 5, S-10 and H-14 will be sampled. S-10 will be installed, and soil samples will be collected at similar intervals as the previous site assessment (0-1’, 1.5’, 2’, 3’, 4’, 4.5’). H-14 will be installed, and soil will be collected at an interval of 0-0.5’. For chemical analysis, the soil samples will be collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Labs in Midland, Texas. The samples will be analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0.

A review of the analytical data will be conducted following the analysis of the above-mentioned soil samples. If no exceedances to Table 1 NMAC 19.15.29.12 are found during the assessment, additional composite confirmation sampling will occur as mentioned below in section 7.0. If exceedances to Table 1 NMAC 19.15.29.12 are found during the assessment, remediation and reclamation will take place onsite to remove all contamination.

7.0 Proposed Confirmation Sampling Plan

Based on the analytical data showing no elevated concentrations of Chlorides, TPH, or BTEX remaining onsite, Coterra proposes to collect composite confirmation surface samples of the entire area shown in Figure 6.

- Five-point composite surface samples will be collected within the tank battery area shown in Figure 6. The historically affected area is approximately 24,300 square feet. This sampling event will cover the following incidents that have occurred onsite:
 - 1) Lea Federal Unit #021 (10.17.2012) - nJXK1602649785 (1RP-4117)
 - 2) Lea Unit West Battery (03.20.2017) - nOY1707931963 (1RP-4646)
 - 3) Lea Unit West Battery (03.23.2017) - nOY1710038346 (1RP-4655)
 - 4) Lea Unit West Battery (06.07.2017) - nOY1716040816 (1RP-4718)
 - 5) Lea Federal Unit West Battery (07.14.2019) - nRM1926639762
 - 6) Lea Unit West Transfer Pump (06.12.2022) - nAPP2216744540
- A sampling frequency increase for all surface composite confirmation samples is requested so that each individual sample does not represent more than 400 square feet. Based on groundwater depth, karst conditions, the absence of supply wells in the surrounding area, and no nearby watercourses, Coterra & Carmona Resources believe this sampling frequency increase will provide equal protection of fresh water, public health, and the environment.
- Prior to final confirmation sampling, a C-141N will be submitted to the NMOCD portal giving two business days’ notice. The C-141N notification will cover all incidents onsite mentioned above.
- Following the laboratory analysis of all composite samples collected onsite, a closure report or a remediation work plan will be created for review and approval by the NMOCD.



8.0 Conclusions

Upon completion, a final closure report describing the sampling activities or remediation work plan will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

A handwritten signature in black ink, appearing to read "Ashton", written over a horizontal line.

Ashton Thielke
Director of Operations

310 West Wall Street, Suite 500
Midland, TX 79701
432.813.1992

FIGURES

CARMONA RESOURCES





Google Earth

Image © 2026 Airbus

100 ft

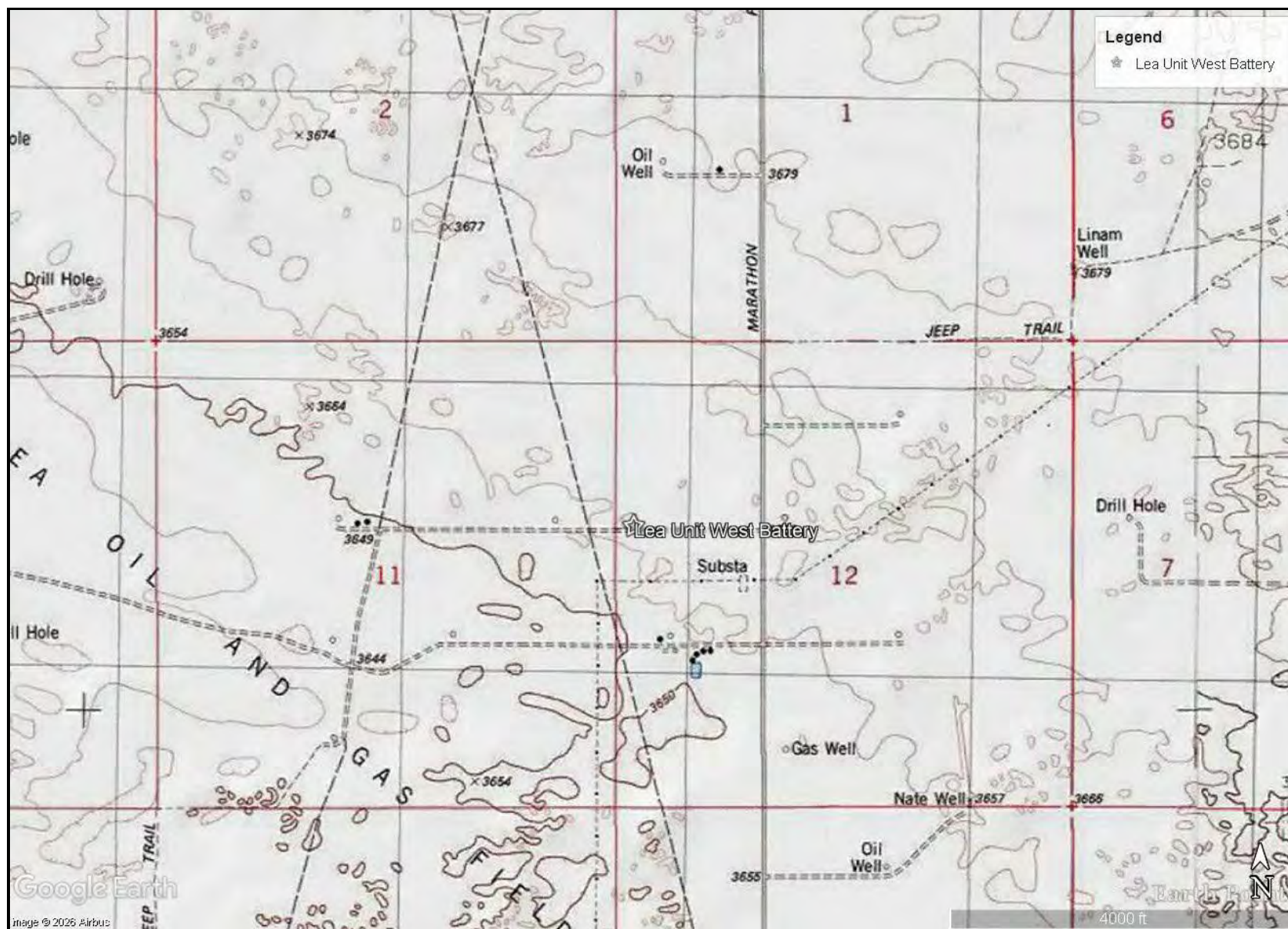
N

OVERVIEW MAP
COTERRA ENERGY OPERATING CO
LEA UNIT WEST BATTERY
LEA COUNTY, NEW MEXICO
32.589301°, -103.521601°

CARMONA RESOURCES



FIGURE 1



TOPOGRAPHIC MAP
COTERRA ENERGY OPERATING CO
LEA UNIT WEST BATTERY
LEA COUNTY, NEW MEXICO
32.589301°, -103.521601°

CARMONA RESOURCES



FIGURE 2



RELEASE AREA MAP
COTERRA ENERGY OPERATING CO
LEA UNIT WEST BATTERY (nJXK1602649785)
LEA COUNTY, NEW MEXICO
32.589301°, -103.521601°



FIGURE 3A



RELEASE AREA MAP
 COTERRA ENERGY OPERATING CO
 LEA UNIT WEST BATTERY
 (nOY1707931963, nOY1710038346, & nOY1716040816)
 LEA COUNTY, NEW MEXICO
 32.589301°, -103.521601°



FIGURE 3B



RELEASE AREA MAP
 COTERRA ENERGY OPERATING CO
 LEA UNIT WEST BATTERY (nRM1926639762 & nAPP2216744540)
 LEA COUNTY, NEW MEXICO
 32.589301°, -103.521601°



FIGURE 3C



SITE ASSESSMENT MAP
COTERRA ENERGY OPERATING CO
LEA UNIT WEST BATTERY
LEA COUNTY, NEW MEXICO
32.589301°, -103.521601°



FIGURE 4



ADDITIONAL SITE ASSESSMENT MAP
COTERRA ENERGY OPERATING CO
LEA UNIT WEST BATTERY
LEA COUNTY, NEW MEXICO
32.589301°, -103.521601°



FIGURE 5



PROPOSED COMPOSITE SAMPLING MAP COTERRA ENERGY OPERATING CO LEA UNIT WEST BATTERY LEA COUNTY, NEW MEXICO 32.589301°, -103.521601°	CARMONA RESOURCES 	FIGURE 6
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APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
Lea Unit West Battery
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/12/2026	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.1
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	40.5
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	40.1
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	71.0
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	137
	"	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.8
S-2	2/12/2026	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	234
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	67.0
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.9
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	37.4
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
	"	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	97.7
S-3	2/12/2026	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	135
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.5
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	13.4
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	71.4
	"	4'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	120
	"	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	97.5
S-4	2/12/2026	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	95.8
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	13.7
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	46.7
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	72.7
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	87.2
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	140
S-5	2/12/2026	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	56.4
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	26.6
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.8
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	46.6
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.0
	"	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	19.9
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

Table 1
Coterra Energy Operating Co.
Lea Unit West Battery
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-6	2/12/2026	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	30.0
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.3
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	15.7
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	45.9
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	48.0
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	21.0
S-7	2/12/2026	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	37.4
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	26.5
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<9.94
S-8	2/12/2026	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	0.00210	<0.00402	0.00413	<9.92
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.98
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
	"	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.1
S-9	2/12/2026	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	0.00234	<0.00396	<0.00396	<9.90
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
	"	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	12.1
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

Table 1
Coterra Energy Operating Co.
Lea Unit West Battery
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	2/9/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
H-2	2/9/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	44.3
H-3	2/9/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
H-4	2/9/2026	0-0.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
H-5	2/9/2026	0-0.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
H-6	2/9/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	38.8
H-7	2/9/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	41.5
H-8	2/9/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
H-9	2/9/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.98
H-10	2/9/2026	0-0.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
H-11	2/9/2026	0-0.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
H-12	2/9/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.94
H-13	2/9/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.90
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) - Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Lea Federal Unit West Battery

County: Lea County, New Mexico

Description:

View North of tank battery facility, area of S-1.



Photograph No. 2

Facility: Lea Federal Unit West Battery

County: Lea County, New Mexico

Description:

View North of tank battery facility, area of S-2.



Photograph No. 3

Facility: Lea Federal Unit West Battery

County: Lea County, New Mexico

Description:

View South of tank battery facility, area of S-3.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

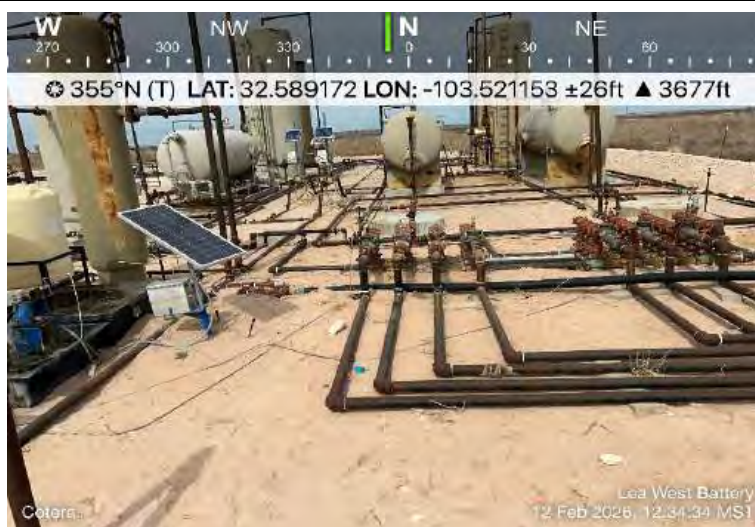
Photograph No. 4

Facility: Lea Federal Unit West Battery

County: Lea County, New Mexico

Description:

View North of facility, area of S-4 through S-6 within separators and heater treaters.



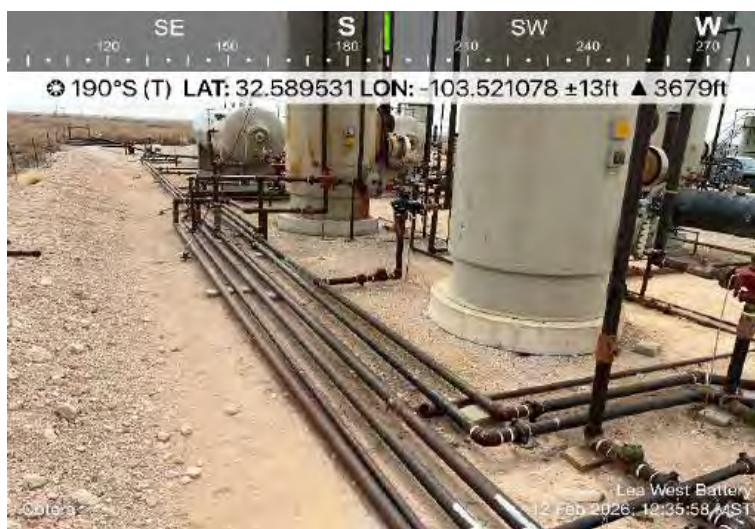
Photograph No. 5

Facility: Lea Federal Unit West Battery

County: Lea County, New Mexico

Description:

View South of facility, area of S-5 and S-6 within separators and heater treaters.



Photograph No. 6

Facility: Lea Federal Unit West Battery

County: Lea County, New Mexico

Description:

View Southeast of facility, area of S-4 between tank batteries and heater treaters.



PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 7****Facility:** Lea Federal Unit West Battery**County:** Lea County, New Mexico**Description:**

View Northwest of pasture, area of S-7 North of facility. Pasture area indicates healthy vegetation.

**Photograph No. 8****Facility:** Lea Federal Unit West Battery**County:** Lea County, New Mexico**Description:**

View Northwest of pasture, area of S-8 North of facility. Pasture area indicates healthy vegetation.

**Photograph No. 9****Facility:** Lea Federal Unit West Battery**County:** Lea County, New Mexico**Description:**

View North of tank battery facility, area of S-9.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company - Legacy Reserves Operating, LP	Contact: Kevin Bracey
Address - PO Box 10848, Midland, TX 79702-7848	Telephone No. : (432) 221-6312
Facility Name - Lea Federal Unit #21	Facility Type: Tank Battery
Surface Owner:	Mineral Owner: Federal
	Lease No. API # 30-025-37525

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	12	20S	34E	810'	North	810'	West	Lea

Latitude 32.589 N Longitude -103.521 W

NATURE OF RELEASE

Type of Release: Oil	Volume of Release 160 bbls	Volume Recovered 100 bbls
Source of Release : Hole in bottom of oil tank	Date and Hour of Occurrence 10/17/2012 @ 11:00	Date and Hour of Discovery 10/17/2012 at 11:00 am
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour :	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A hole in the bottom of an oil tank caused a loss of 160 barrels of oil to be released inside the firewalls of the battery. All fluids were contained within the berm area. A vacuum truck was immediately called to the location and recovered 100 barrels of oil.

Describe Area Affected and Cleanup Action Taken.* The impacted soil within the tank battery was excavated to a depth of 3-feet. A roustabout crew was used to hand dig around the tanks and flow lines taking great care not to compromise the structural integrity of the storage tanks. The excavated soil was transported to an NMOCD approved solid waste disposal facility. A mixture of Micro Blaze and water was spray-applied to the open excavation, sidewalls and at the base of the storage tanks. The excavated area was backfilled to grade using new caliche transported from a local borrow pit. The area was contoured to match the surrounding location and the berms were reconstructed.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <u>Kevin Bracey</u>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Kevin Bracey	Approved by District Supervisor:	
Title: Production Superintendent	Approval Date:	Expiration Date:
E-mail Address: <u>kbracey@legacylp.com</u>	Conditions of Approval:	Attached ☐
Date: <u>7/2/2013</u> Phone: <u>(432) 221-6312</u>		

* Attach Additional Sheets If Necessary

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

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

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Legacy Reserves Operating, LP	Contact: Berry Johnson
Address: PO Box 10848, Midland, TX 79702-7848	Telephone No.: 432-689-5200
Facility Name: Lea Federal Unit #21	Facility Type: Tank Battery
Surface Owner	Mineral Owner: Federal
API No. 30-025-37525	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	12	20S	34E	810'	North	810'	West	Lea

Latitude 32.589 Longitude 103.521

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 160 bbls	Volume Recovered: 100 bbls
Source of Release: Hole in bottom of oil tank	Date and Hour of Occurrence: 10/17/12 at 11:00am	Date and Hour of Discovery: 10/17/12 at 11:00am
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

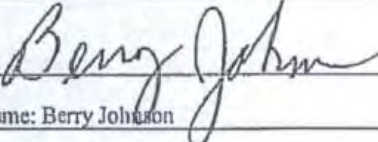
Describe Cause of Problem and Remedial Action Taken.*

Hole in bottom of oil tank. Fluid contained within the firewalls. Widest point of the spill is around 50'X 40', the rest is around 10'X 150'. Recovered 100 bbls.

Describe Area Affected and Cleanup Action Taken.*

All fluid contained within burn area. Contacted Talon Environmental to begin remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Berry Johnson	Approved by Environmental Specialist:	
Title: Operations Superintendent	Approval Date:	Expiration Date:
E-mail Address: bjohnson@legacyp.com	Conditions of Approval:	Attached ☐
Date: 10/22/2012	Phone: 432-689-5200	

* Attach Additional Sheets If Necessary



July 2, 2013

Mr. Geoffrey Leking
NMOCD District 1
 1625 N. French Drive
 Hobbs, NM 88240

HOBBS OCD

AUG 08 2013

RECEIVED

AMARILLO
 921 North Bivins
 Amarillo, Texas 79107
 Phone 806.467.0607
 Fax 806.467.0622

ARTESIA
 408 West Texas Ave.
 Artesia, New Mexico 88210
 Phone 575.746.8768
 Fax 575.746.8905

Subject: **Remediation and Closure Report**
 Legacy Reserves Operating, LP
 Lea Federal Unit #21
 API # 30-025-37525

Dear Mr. Leking,

HOBBS
 318 East Taylor Street
 Hobbs, New Mexico 88240
 Phone 575.393.4261
 Fax 575.393.4658

Legacy Reserves Operating, LP has contracted Talon/LPE (Talon) to perform soil assessment and remediation services for the Lea Federal Central Tank Battery release. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

MIDLAND
 2901 State Hwy 349
 Midland, Texas 79706
 Phone 432.522.2133
 Fax 432.522.2180

Incident Date

October 17, 2012

Background Information

OKLAHOMA CITY
 7700 North Hudson Avenue
 Suite 10
 Oklahoma City, Oklahoma 73116
 Phone 405.486.7030
 Fax 806.467.0622

The Lea Federal Central Tank Battery is located approximately forty-nine (49) miles northeast of Carlsbad, New Mexico. The legal location for the site is Section 12, Township 20 South and Range 34 East in Lea County, New Mexico. More specifically, the latitude and longitude for the release are 32.589 North and -103.521 West.

SAN ANTONIO
 11 Commercial Place
 Schertz, Texas 78154
 Phone 210.265.8025
 Fax 210.568.2191

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Wink Fine Sand. The local surface and shallow geology is Quaternary in Age with sedimentary deposits which are comprised of calcareous-loamy alluvium and calcareous-loamy eolian sands, including silty soils underlain by sedimentary rock and hard caliche. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S24-T20S-R34E. The ground water in Section 24 is reported to be at depth of 270' below ground surface (bgs). The referenced groundwater data is attached.

The ranking for this site is 0 based on the as following:

ENVIRONMENTAL CONSULTING
 ENGINEERING
 DRILLING
 CONSTRUCTION
 SPILL MANAGEMENT
 GENERAL CONTRACTING

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

Toll Free: 866.742.0742
 www.talonlpe.com

Incident Description

A hole in the bottom of an oil tank caused a loss of 160 barrels of oil to be released inside the firewalls of the battery. All fluids were contained within the bermed area. A vacuum truck was immediately called to the location and recovered 100 barrels of oil.

Remedial Actions

On April 30, 2013 Talon personnel mobilized to the site to begin excavation of the impacted area inside the tank battery in accordance with the work plan. (Appendix I) The impacted soil within the tank battery was excavated to a depth of 3-feet. A roustabout crew was used to hand dig around the tanks and flow lines taking great care not to compromise the structural integrity of the storage tanks. The excavated soil was transported to an NMOCD approved solid waste disposal facility, Lea Land LLC.

A mixture of Micro Blaze and water was prepared per manufacture's specifications and spray-applied to the open excavation, sidewalls and at the base of the storage tanks.

The excavated area was backfilled to grade using new caliche transported from a local borrow pit. The area was contoured to match the surrounding location and the tank battery berms were reconstructed.

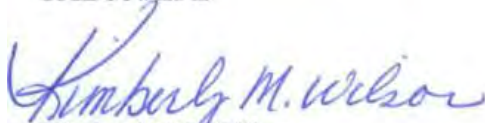
Closure

On behalf of Legacy Reserves Operating LP, we respectfully request that no further actions be required and that closure with respect to this release be granted.

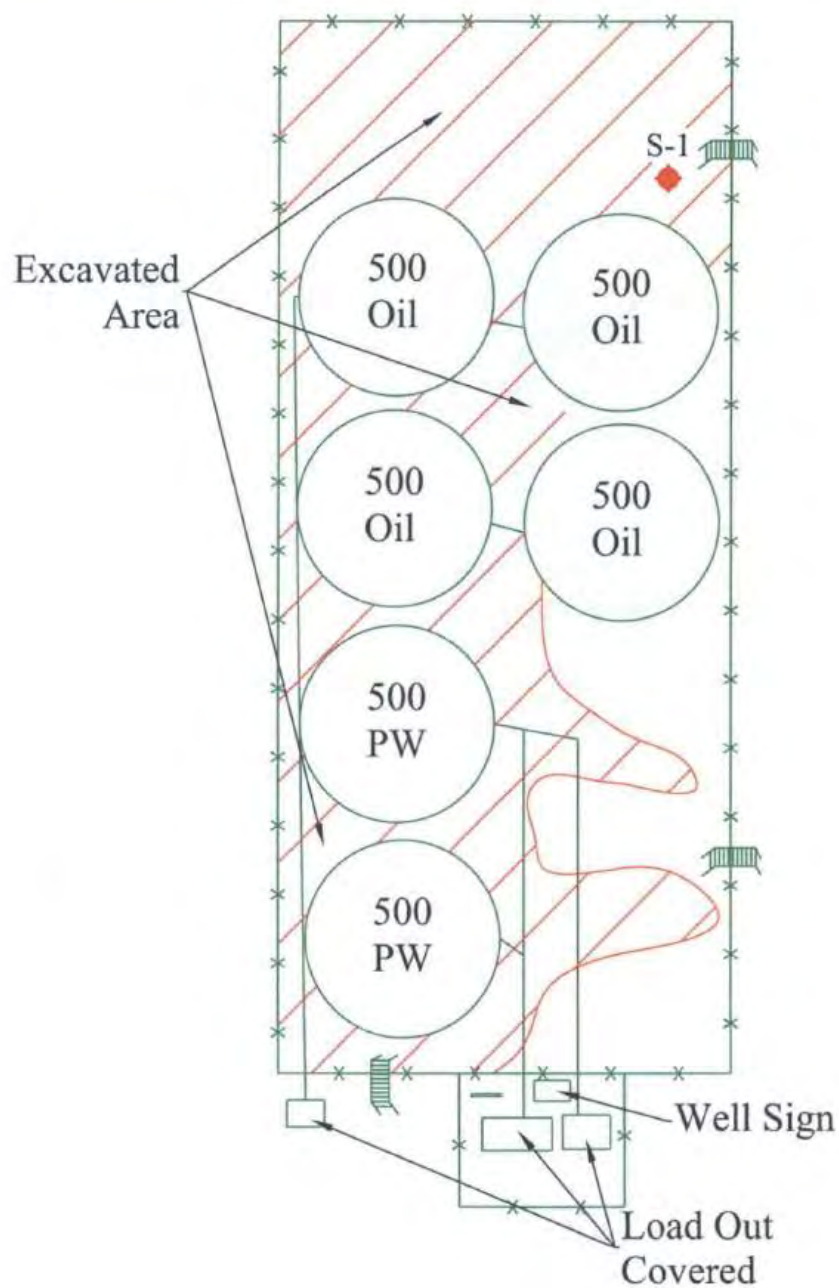
If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE


Kimberly M. Wilson
Project Manager


David J. Adkins
District Manager



Legend

♦ - Sample Location



Date: 07/02/2013

Scale: 1" = 20'

Drawn By: TJS

Lea Federal Central Tank Battery - West
 Legacy Reserves Operating, LP
 Lea County, New Mexico
 Figure 1 - Site Plan



December 18, 2012

Mr. Geoffrey Leking
NMOCD District 1
 1625 N. French Drive
 Hobbs, NM 88240

AMARILLO
 921 North Bivins
 Amarillo, Texas 79107
 Phone 806.467.0607
 Fax 806.467.0622

ARTESIA
 408 West Texas Ave.
 Artesia, New Mexico 88210
 Phone 575.746.8768
 Fax 575.746.8905

AUSTIN
 911 West Anderson Lane
 Suite 202
 Austin, Texas 78757
 Phone 512.989.3428
 Fax 512.989.3487

HOBBS
 318 East Taylor Street
 Hobbs, New Mexico 88240
 Phone 575.393.4261
 Fax 575.393.4658

MIDLAND
 2901 State Hwy 349
 Midland, Texas 79706
 Phone 432.522.2133
 Fax 432.522.2180

SAN ANTONIO
 11 Commercial Place
 Schertz, Texas 78154
 Phone 210.265.8025
 Fax 210.568.2191

TULSA
 525 South Main Street
 Suite 535
 Tulsa, Oklahoma 74103
 Phone 918.742.0871
 Fax 918.382.0232

ENVIRONMENTAL CONSULTING
 ENGINEERING
 DRILLING
 CONSTRUCTION
 SPILL MANAGEMENT
 GENERAL CONTRACTING

Toll Free: 866.742.0742
 www.talonlpe.com

Subject: **Soil Assessment and Remediation Work Plan**
 Legacy Reserves Operating, LP
 Lea Federal Unit #21
 API # 30-025-37525

Dear Mr. Leking,

Legacy Reserves Operating, LP has contracted Talon/LPE (Talon) to perform soil assessment and remediation services for the Lea Federal Central Tank Battery release. Talon's site assessment, soil sampling results and proposed work plan to perform remediation activities consist of the following:

Incident Date

October 17, 2012

Background Information

The Lea Federal Central Tank Battery is located approximately forty-nine (49) miles northeast of Carlsbad, New Mexico. The legal location for the site is Section 12, Township 20 South and Range 34 East in Lea County, New Mexico. More specifically, the latitude and longitude for the release are 32.589 North and -103.521 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Wink Fine Sand. The local surface and shallow geology is Quaternary in Age with sedimentary deposits which are comprised of calcareous-loamy alluvium and calcareous-loamy eolian sands, including silty soils underlain by sedimentary rock and hard caliche. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S24-T20S-R34E. The ground water in Section 24 is reported to be at depth of 270' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

Incident Description

A hole in the bottom of an oil tank caused a loss of 160 barrels of oil to be released inside the firewalls of the battery. All fluids were contained within the bermed area. A vacuum truck was immediately called to the location and recovered 100 barrels of oil.

Sampling Activities

On October 22, 2012 Talon mobilized personnel to begin soil sampling for the construction of a work plan. Grab soil samples were collected utilizing a hand auger from the surface of the impacted areas.

On December 5, 2012 Talon personnel returned to the site to collect additional soil samples utilizing a backhoe for further vertical delineation. Grab soil samples were collected from a depth of 3-feet to 10-feet deep.

The soil samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed into a laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, volatile organics (BTEX) using EPA Method 8021B and chlorides were analyzed per method SM4500Cl-B. The complete laboratory reports are attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

November 29, 2012

<u>Sample</u>	<u>Depth</u>	<u>BTEX</u>	<u>Chlorides</u>	<u>TPH (mg/kg)</u>
S-1	0.75'	1322	7000	8830
	1'	356.32	8200	8850

December 13, 2012

<u>Sample</u>	<u>Depth</u>	<u>BTEX</u>	<u>Chlorides</u>	<u>TPH (mg/kg)</u>
S-1	3'	289.87	2480	5380
	4'	0.674	160	394.2
	6'	2.681	496	443
	8'	<0.150	64	40.2
	10'	<0.150	<16	<10

Proposed Remedial Actions

- The impacted soil will be excavated to a depth of approximately 3-feet deep. Care will be taken not to compromise the structural integrity of the storage tanks. The excavated soil will be transported to an NMOCD approved solid waste disposal facility.
- A mixture of Micro Blaze and water will be spray-applied to the open excavation, sidewalls and at the base of the storage tanks.
- The excavated area will be backfilled to grade using new caliche transported from a local borrow pit. The area will be contoured to match the surrounding location.
- A final report documenting all field activities and lab reports will be provided to the NMOCD Hobbs Office including Form C-141.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

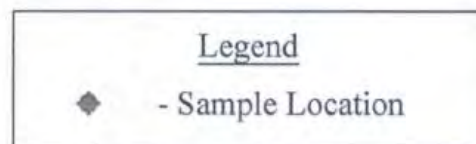
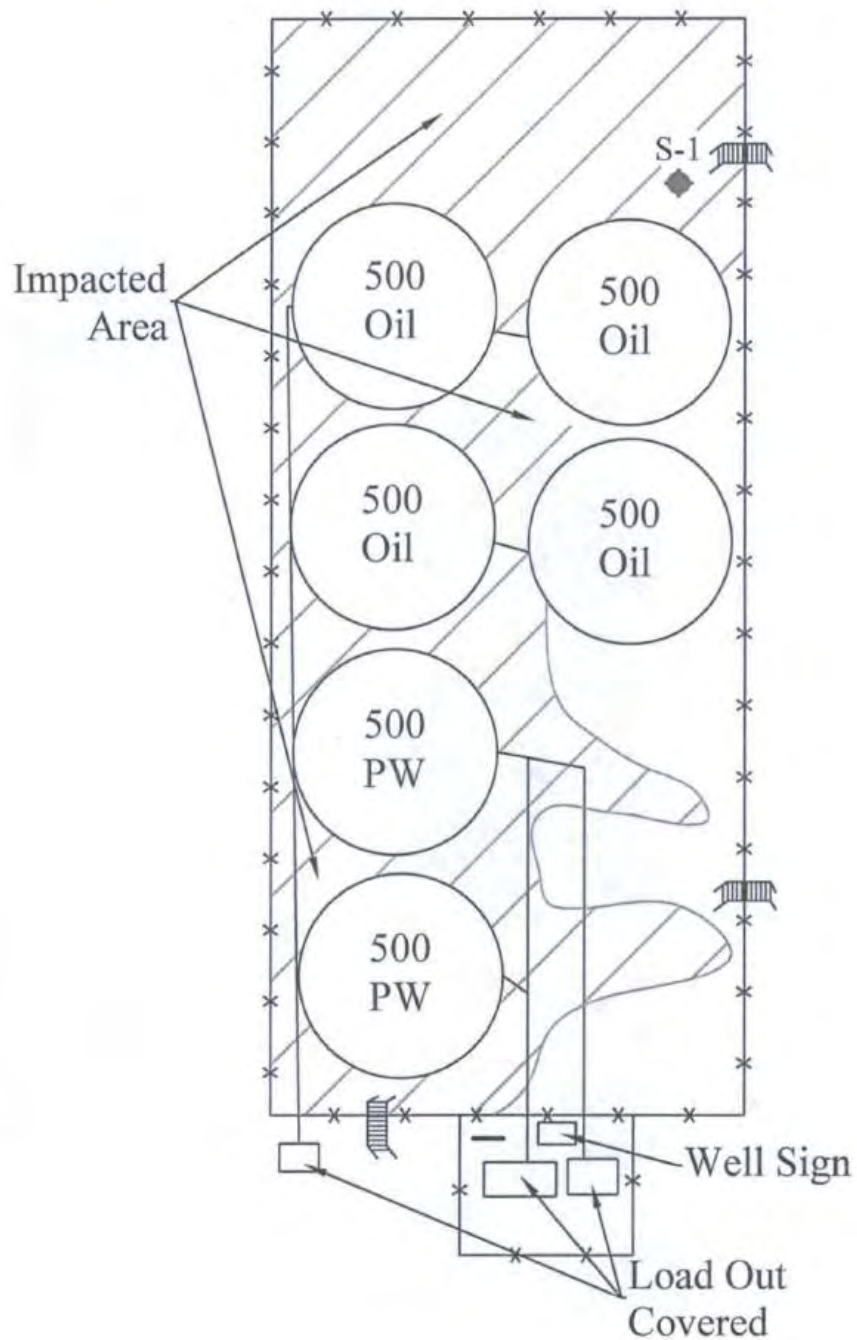
TALON/LPE



Mike Stubblefield
Project Manager



David J. Adkins
District Manager



Date: 12/11/2012

Scale: 1" = 20'

Drawn By: TJS

Lea Federal Central Tank Battery - West
 Legacy Reserves Operating, LP
 Lea County, New Mexico
 Figure 1 - Site Plan



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00665			LE	1	4	24	20S	34E	639740	3603128*	698	270	428	
CP 00750			LE	3	4	07	20S	34E	631639	3605834*	320			

Average Depth to Water: 270 feet

Minimum Depth: 270 feet

Maximum Depth: 270 feet

Record Count: 2

PLSS Search:

Township: 20S

Range: 34E

*UTM location was derived from PLSS - see Help

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

10/30/12 1:10 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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

October 26, 2012

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LEA FEDERAL TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/24/12 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/24/2012
Reported: 10/26/2012
Project Name: LEA FEDERAL TANK BATTERY
Project Number: 701047.062.01
Project Location: LEGACY

Sampling Date: 10/22/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 0.75' (H202589-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	22.3	5.00	10/25/2012	ND	1.76	87.9	2.00	0.815	
Toluene*	137	5.00	10/25/2012	ND	1.92	95.9	2.00	1.02	
Ethylbenzene*	62.3	5.00	10/25/2012	ND	1.89	94.4	2.00	0.726	
Total Xylenes*	159	15.0	10/25/2012	ND	5.72	95.3	6.00	0.867	
Total BTEX	381	30.0	10/25/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 119 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	10/25/2012	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3420	50.0	10/25/2012	ND	195	97.7	200	2.56		
DRO >C10-C28	5410	50.0	10/25/2012	ND	216	108	200	9.52		

Surrogate: 1-Chlorooctane 211 % 65.2-140

Surrogate: 1-Chlorooctadecane 166 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/24/2012
Reported: 10/26/2012
Project Name: LEA FEDERAL TANK BATTERY
Project Number: 701047.062.01
Project Location: LEGACY

Sampling Date: 10/22/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 1.0' (H202589-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.92	2.50	10/25/2012	ND	1.76	87.9	2.00	0.815	
Toluene*	51.8	5.00	10/25/2012	ND	1.92	95.9	2.00	1.02	
Ethylbenzene*	30.0	5.00	10/25/2012	ND	1.89	94.4	2.00	0.726	
Total Xylenes*	91.6	15.0	10/25/2012	ND	5.72	95.3	6.00	0.867	
Total BTEX	178	30.0	10/25/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 117 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	10/25/2012	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2580	50.0	10/25/2012	ND	195	97.7	200	2.56	
DRO >C10-C28	6270	50.0	10/25/2012	ND	216	108	200	9.52	

Surrogate: 1-Chlorooctane 154 % 65.2-140

Surrogate: 1-Chlorooctadecane 182 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

December 13, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LEA FEDERAL CENTRAL TANK BATTERY WEST

Enclosed are the results of analyses for samples received by the laboratory on 12/07/12 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESTA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 3' (H202949-01)

BTEX 8021B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.37	0.200	12/13/2012	ND	2.05	102	2.00	5.24	
Toluene*	41.0	0.200	12/13/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	25.5	0.200	12/13/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	77.0	0.600	12/13/2012	ND	6.51	109	6.00	5.20	
Total BTEX	145	1.20	12/13/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 338 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1510	50.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	3870	50.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 154 % 65.2-140

Surrogate: 1-Chlorooctadecane 147 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 4' (H202949-02)

BTX 8021B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2012	ND	2.05	102	2.00	5.24	
Toluene*	0.056	0.050	12/13/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	<0.050	0.050	12/13/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	0.281	0.150	12/13/2012	ND	6.51	109	6.00	5.20	
Total BTX	0.337	0.300	12/13/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 127 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	20.2	10.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	374	10.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 88.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.4 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 6' (H202949-03)

BTEX 8021B	mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2012	ND	2.05	102	2.00	5.24	
Toluene*	0.063	0.050	12/12/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	0.238	0.050	12/12/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	1.04	0.150	12/12/2012	ND	6.51	109	6.00	5.20	
Total BTEX	1.34	0.300	12/12/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 173 % 89.4-126

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	46.0	10.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	397	10.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 93.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 8' (H202949-04)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2012	ND	2.05	102	2.00	5.24	
Toluene*	<0.050	0.050	12/12/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	<0.050	0.050	12/12/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	<0.150	0.150	12/12/2012	ND	6.51	109	6.00	5.20	
Total BTEX	<0.300	0.300	12/12/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 118 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	40.2	10.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 84.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.5 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 10' (H202949-05)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2012	ND	2.05	102	2.00	5.24	
Toluene*	<0.050	0.050	12/12/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	<0.050	0.050	12/12/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	<0.150	0.150	12/12/2012	ND	6.51	109	6.00	5.20	
Total BTEX	<0.300	0.300	12/12/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 116 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	<10.0	10.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 89.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

Page 6 of 8



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

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit.
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 5°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report.

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 8

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FULLY TRAINED STAFF

Lab I.D.

Sample I.D.

4407549

5.13'

$$\begin{array}{r} 2 \\ 5.1 \overline{) 4.1} \\ \underline{10} \\ 11 \\ \underline{22} \\ 13 \\ \underline{26} \\ 17 \\ \underline{34} \\ 19 \\ \underline{38} \\ 11 \end{array}$$

3	5.5
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in	51	8
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5	51 10'
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Liability and Damages. Cardholder's liability for negligence, including those for negligence

and shall Cardinal be liable for
sors arising out of or related

hed By:

1870

Prepared By: _____

Page 10 of 10

and by: (Circle C)

-UPS - Bus - C

ordinal cannot acco

1

Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

92-10

2

100

Page 8 of 8

Released to Imaging: 8/11/2026 2:01:11 PM

Administrative/Environmental Order



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pJXK1602649950

1RP - 4117

LEGACY RESERVES OPERATING LP

2/12/2016

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Legacy Reserves Operating, LP	Contact: Berry Johnson
Address: PO Box 10848, Midland, TX 79702-7848	Telephone No.: 432-689-5200
Facility Name: Lea Federal Unit #21	Facility Type: Tank Battery

Surface Owner	Mineral Owner: Federal	API No. 30-025-37525
---------------	------------------------	----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	12	20S	34E	810'	North	810'	West	Lea

Latitude 32.589

Longitude 103.521

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 160 bbls	Volume Recovered: 100 bbls
Source of Release: Hole in bottom of oil tank	Date and Hour of Occurrence: 10/17/12 at 11:00am	Date and Hour of Discovery: 10/17/12 at 11:00am
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

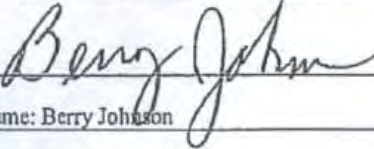
Describe Cause of Problem and Remedial Action Taken.*

Hole in bottom of oil tank. Fluid contained within the firewalls. Widest point of the spill is around 50'X 40', the rest is around 10'X 150'. Recovered 100 bbls.

Describe Area Affected and Cleanup Action Taken.*

All fluid contained within burn area. Contacted Talon Environmental to begin remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Berry Johnson	Approved by Environmental Specialist:		
Title: Operations Superintendent	Approval Date:	Expiration Date:	
E-mail Address: bjohnson@legacvlp.com	Conditions of Approval:		Attached ☐
Date: 10/22/2012	Phone: 432-689-5200		

* Attach Additional Sheets If Necessary



HOBBS OCD

DEC 24 2012

RECEIVED

December 18, 2012

Mr. Geoffrey Leking
NMOCD District 1
 1625 N. French Drive
 Hobbs, NM 88240

AMARILLO
 921 North Blvins
 Amarillo, Texas 79107
 Phone 806.467.0607
 Fax 806.467.0622

ARTESIA
 408 West Texas Ave.
 Artesia, New Mexico 88210
 Phone 575.746.8768
 Fax 575.746.8905

AUSTIN
 911 West Anderson Lane
 Suite 202
 Austin, Texas 78757
 Phone 512.989.3428
 Fax 512.989.3487

HOBBS
 318 East Taylor Street
 Hobbs, New Mexico 88240
 Phone 575.393.4261
 Fax 575.393.4658

MIDLAND
 2901 State Hwy 349
 Midland, Texas 79706
 Phone 432.522.2133
 Fax 432.522.2180

SAN ANTONIO
 11 Commercial Place
 Schertz, Texas 78154
 Phone 210.265.8025
 Fax 210.568.2191

TULSA
 525 South Main Street
 Suite 535
 Tulsa, Oklahoma 74103
 Phone 918.742.0871
 Fax 918.382.0232

ENVIRONMENTAL CONSULTING
 ENGINEERING
 DRILLING
 CONSTRUCTION
 SPILL MANAGEMENT
 GENERAL CONTRACTING

Subject: Soil Assessment and Remediation Work Plan
 Legacy Reserves Operating, LP
 Lea Federal Unit #21
 API # 30-025-37525

Dear Mr. Leking,

Legacy Reserves Operating, LP has contracted Talon/LPE (Talon) to perform soil assessment and remediation services for the Lea Federal Central Tank Battery release. Talon's site assessment, soil sampling results and proposed work plan to perform remediation activities consist of the following:

Incident Date

October 17, 2012

Background Information

The Lea Federal Central Tank Battery is located approximately forty-nine (49) miles northeast of Carlsbad, New Mexico. The legal location for the site is Section 12, Township 20 South and Range 34 East in Lea County, New Mexico. More specifically, the latitude and longitude for the release are 32.589 North and -103.521 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Wink Fine Sand. The local surface and shallow geology is Quaternary in Age with sedimentary deposits which are comprised of calcareous-loamy alluvium and calcareous-loamy eolian sands, including silty soils underlain by sedimentary rock and hard caliche. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S24-T20S-R34E. The ground water in Section 24 is reported to be at depth of 270' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

A hole in the bottom of an oil tank caused a loss of 160 barrels of oil to be released inside the firewalls of the battery. All fluids were contained within the bermed area. A vacuum truck was immediately called to the location and recovered 100 barrels of oil.

Sampling Activities

On October 22, 2012 Talon mobilized personnel to begin soil sampling for the construction of a work plan. Grab soil samples were collected utilizing a hand auger from the surface of the impacted areas.

On December 5, 2012 Talon personnel returned to the site to collect additional soil samples utilizing a backhoe for further vertical delineation. Grab soil samples were collected from a depth of 3-feet to 10-feet deep.

The soil samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed into a laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, volatile organics (BTEX) using EPA Method 8021B and chlorides were analyzed per method SM4500Cl-B. The complete laboratory reports are attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

November 29, 2012

<u>Sample</u>	<u>Depth</u>	<u>BTEX</u>	<u>Chlorides</u>	<u>TPH (mg/kg)</u>
S-1	0.75'	1322	7000	8830
	1'	356.32	8200	8850

December 13, 2012

<u>Sample</u>	<u>Depth</u>	<u>BTEX</u>	<u>Chlorides</u>	<u>TPH (mg/kg)</u>
S-1	3'	289.87	2480	5380
	4'	0.674	160	394.2
	6'	2.681	496	443
	8'	<0.150	64	40.2
	10'	<0.150	<16	<10

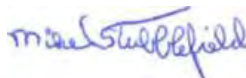
Proposed Remedial Actions

- The impacted soil will be excavated to a depth of approximately 3-feet deep. Care will be taken not to compromise the structural integrity of the storage tanks. The excavated soil will be transported to an NMOCD approved solid waste disposal facility.
- A mixture of Micro Blaze and water will be spray-applied to the open excavation, sidewalls and at the base of the storage tanks.
- The excavated area will be backfilled to grade using new caliche transported from a local borrow pit. The area will be contoured to match the surrounding location.
- A final report documenting all field activities and lab reports will be provided to the NMOCD Hobbs Office including Form C-141.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

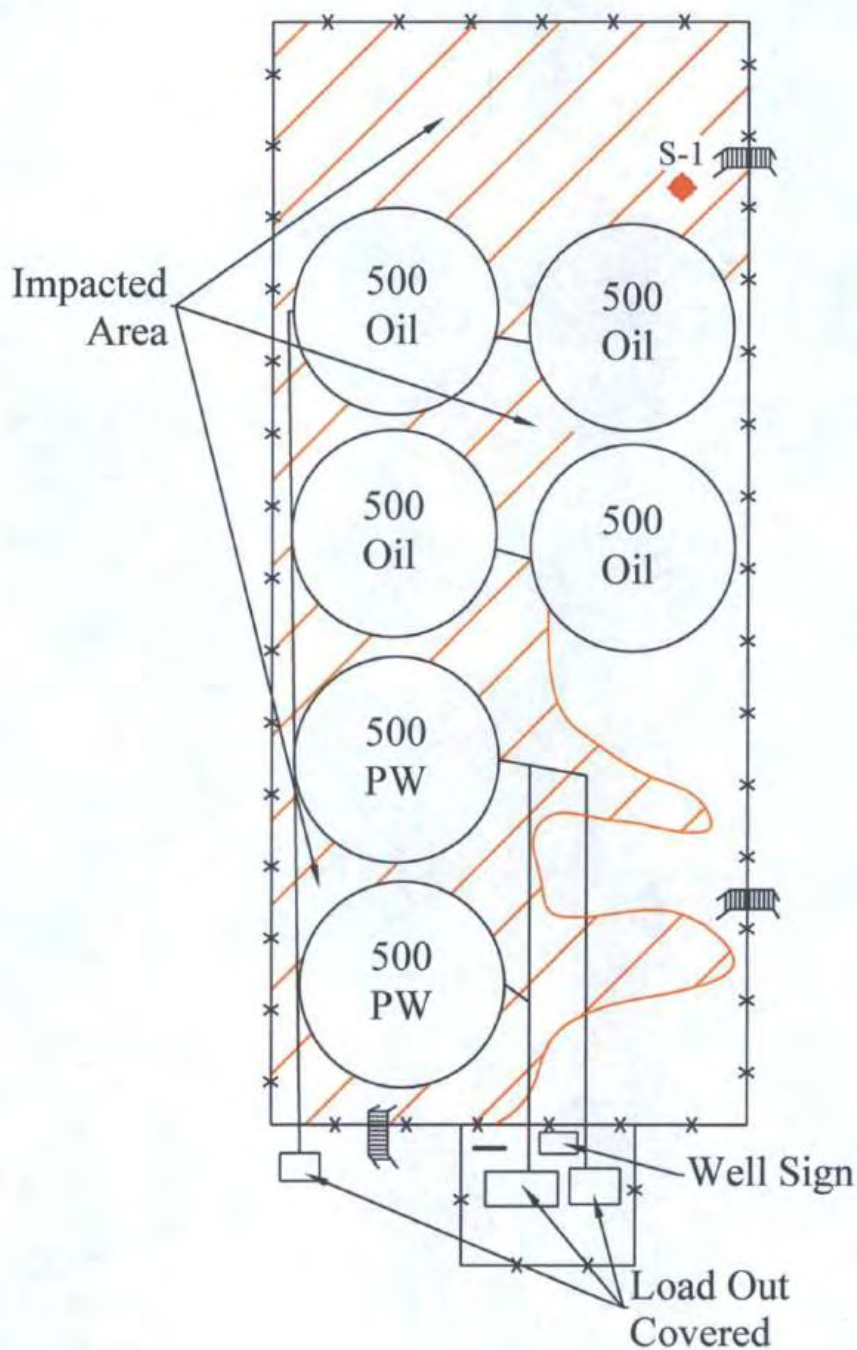
TALON/LPE



Mike Stubblefield
Project Manager



David J. Adkins
District Manager



Legend

◆ - Sample Location



Date: 12/11/2012

Scale: 1" = 20'

Drawn By: TJS

Lea Federal Central Tank Battery - West
Legacy Reserves Operating, LP
Lea County, New Mexico
Figure 1 - Site Plan



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
<u>CP 00665</u>			LE	1	4	24	20S	34E	639740	3603128*	698	270	428	
<u>CP 00750</u>			LE	3	4	07	20S	34E	631639	3605834*	320			

Average Depth to Water: **270 feet**

Minimum Depth: **270 feet**

Maximum Depth: **270 feet**

Record Count: 2

PLSS Search:

Township: 20S

Range: 34E

*UTM location was derived from PLSS - see Help

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

10/30/12 1:10 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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

October 26, 2012

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LEA FEDERAL TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/24/12 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" being more prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/24/2012
Reported: 10/26/2012
Project Name: LEA FEDERAL TANK BATTERY
Project Number: 701047.062.01
Project Location: LEGACY

Sampling Date: 10/22/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 0.75' (H202589-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	22.3	5.00	10/25/2012	ND	1.76	87.9	2.00	0.815	
Toluene*	137	5.00	10/25/2012	ND	1.92	95.9	2.00	1.02	
Ethylbenzene*	62.3	5.00	10/25/2012	ND	1.89	94.4	2.00	0.726	
Total Xylenes*	159	15.0	10/25/2012	ND	5.72	95.3	6.00	0.867	
Total BTX	381	30.0	10/25/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 119 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	10/25/2012	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3420	50.0	10/25/2012	ND	195	97.7	200	2.56	
DRO >C10-C28	5410	50.0	10/25/2012	ND	216	108	200	9.52	

Surrogate: 1-Chlorooctane 211 % 65.2-140

Surrogate: 1-Chlorooctadecane		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3420	50.0	10/25/2012	ND	195	97.7	200	2.56	
DRO >C10-C28	5410	50.0	10/25/2012	ND	216	108	200	9.52	

Surrogate: 1-Chlorooctadecane 166 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/24/2012
Reported: 10/26/2012
Project Name: LEA FEDERAL TANK BATTERY
Project Number: 701047.062.01
Project Location: LEGACY

Sampling Date: 10/22/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 1.0' (H202589-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.92	2.50	10/25/2012	ND	1.76	87.9	2.00	0.815	
Toluene*	51.8	5.00	10/25/2012	ND	1.92	95.9	2.00	1.02	
Ethylbenzene*	30.0	5.00	10/25/2012	ND	1.89	94.4	2.00	0.726	
Total Xylenes*	91.6	15.0	10/25/2012	ND	5.72	95.3	6.00	0.867	
Total BTX	178	30.0	10/25/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 117 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	10/25/2012	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						5-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2580	50.0	10/25/2012	ND	195	97.7	200	2.56		
DRO >C10-C28	6270	50.0	10/25/2012	ND	216	108	200	9.52		

Surrogate: 1-Chlorooctane 154 % 65.2-140

Surrogate: 1-Chlorooctadecane 182 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO		ANALYSIS REQUEST																		
Company Name: <u>FAVON/LPE</u>		P.O. #:																		
Project Manager: <u>DAVID ADKINS</u>		Company:																		
Address: <u>408 W. TEXAS AVE.</u>		Attn:																		
City: <u>Artesia</u>		Address:																		
State: <u>NM</u>		City:																		
Zip: <u>88211</u>		State:																		
Phone #:		Phone #:																		
Fax #:		Fax #:																		
Project #: <u>701047-0622-01</u>		Project Owner: <u>Legacy</u>																		
Project Name: <u>Lea Federal Tank B-Ting</u>		City:																		
Project Location: <u>DAVID ADKINS</u>		State:																		
Sampler Name: <u>DAVID ADKINS</u>		Phone #:																		
FOR LAB USE ONLY		Fax #:																		
Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	PH	BTX	Chlorides										
<u>H202548</u>	<u>1 S-1 0.75'</u>	<u>1</u>	GROUNDWATER	ACID/BASE	ICE/COOL	<u>10/22/14</u>	<u>1400</u>	<u>1</u>	<u>1</u>	<u>1</u>										
<u>2 S-1 1.0'</u>	<u>1</u>	<u>1</u>	GROUNDWATER	ACID/BASE	ICE/COOL	<u>10/22/14</u>	<u>1415</u>	<u>1</u>	<u>1</u>	<u>1</u>										

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Relinquished By: <u>[Signature]</u>	Date: <u>10/24/14</u>	Received By: <u>[Signature]</u>	Date: <u>10/24/14</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>
Relinquished By: <u>miss [Signature]</u>	Date: <u>10/24/14</u>	Received By: <u>[Signature]</u>	Date: <u>10/24/14</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>	Time: <u>0900</u>
Delivered By: (Circle One)	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition	Sample Condition
Sampler - UPS - Bus - Other	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

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

December 13, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LEA FEDERAL CENTRAL TANK BATTERY WEST

Enclosed are the results of analyses for samples received by the laboratory on 12/07/12 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 3' (H202949-01)

BTX 80218		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.37	0.200	12/13/2012	ND	2.05	102	2.00	5.24	
Toluene*	41.0	0.200	12/13/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	25.5	0.200	12/13/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	77.0	0.600	12/13/2012	ND	6.51	109	6.00	5.20	
Total BTX	145	1.20	12/13/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 338 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	12/12/2012	ND	448	112	400	3.64	
TPH 8015M									

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1510	50.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	3870	50.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 154 % 65.2-140

Surrogate: 1-Chlorooctadecane 147 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 4' (H202949-02)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2012	ND	2.05	102	2.00	5.24	
Toluene*	0.056	0.050	12/13/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	<0.050	0.050	12/13/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	0.281	0.150	12/13/2012	ND	6.51	109	6.00	5.20	
Total BTEX	0.337	0.300	12/13/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 127 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	20.2	10.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	374	10.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 88.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.4 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 6' (H202949-03)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2012	ND	2.05	102	2.00	5.24	
Toluene*	0.063	0.050	12/12/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	0.238	0.050	12/12/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	1.04	0.150	12/12/2012	ND	6.51	109	6.00	5.20	
Total BTEX	1.34	0.300	12/12/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 173 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	46.0	10.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	397	10.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 93.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 8' (H202949-04)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2012	ND	2.05	102	2.00	5.24	
Toluene*	<0.050	0.050	12/12/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	<0.050	0.050	12/12/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	<0.150	0.150	12/12/2012	ND	6.51	109	6.00	5.20	
Total BTEX	<0.300	0.300	12/12/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 118 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	40.2	10.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 84.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.5 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/07/2012	Sampling Date:	12/05/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	LEA FEDERAL CENTRAL TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	701047.062.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T20S - R34E		

Sample ID: S - 1 10' (H202949-05)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2012	ND	2.05	102	2.00	5.24	
Toluene*	<0.050	0.050	12/12/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	<0.050	0.050	12/12/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	<0.150	0.150	12/12/2012	ND	6.51	109	6.00	5.20	
Total BTX	<0.300	0.300	12/12/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 116 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/12/2012	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/10/2012	ND	183	91.4	200	3.20	
DRO >C10-C28	<10.0	10.0	12/10/2012	ND	199	99.3	200	5.48	

Surrogate: 1-Chlorooctane 89.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

APPENDIX D

CARMONA RESOURCES



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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Legacy Reserves	Contact Brian Cunningham
Address	Telephone No.(432) 234-9450
Facility Name Lea Federal Unit West Battery	Facility Type Central Tank Battery
Surface Owner BLM	Mineral Owner Federal
API No.	

LOCATION OF RELEASE

Unit Letter E	Section 12	Township 20S	Range 34 E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
-------------------------	---------------	------------------------	---------------	---------------	------------------	---------------	----------------	---------------

Latitude **32.589305** Longitude **-103.52155**

NATURE OF RELEASE

Type of Release Produce water	Volume of Release 450 BBLS	Volume Recovered 420 BBLS
Source of Release Tank Battery	Date and Hour of Occurrence 06/07/17 11:30 p.m.	Date and Hour of Discovery 06/08/17 4:00 a.m.
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

RECEIVED

By Olivia Yu at 11:09 am, Jun 09, 2017

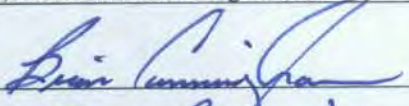
Describe Cause of Problem and Remedial Action Taken.*

Gasket went out on separator and transfer pump went out causing tanks to overfill. Had vacuum truck pick up 420 BBLS of produce water and haul to disposal.

Describe Area Affected and Cleanup Action Taken.*

Everything stayed inside dyke 130x50. Had little visible overspray on NE corner from separator.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Brian Cunningham	Approved by Environmental Specialist: 	
Title: Production Foreman	Approval Date: 6/9/2017	Expiration Date:
E-mail Address: b Cunningham@legacylp.com	Conditions of Approval: see attached directive	Attached ☒
Date: 6/8/17	Phone: 432-234-9450	

* Attach Additional Sheets If Necessary

1RP-4718

nOY1716040816

fOY1707931278

pOY1716041104

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 6/9/2017 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 1R-4718 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 1 office in Hobbs on or before 7/9/2017. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

From: superior21j@aol.com
To: [Yu, Olivia, EMNRD](#)
Subject: Re: Lea Federal Unit West Battery release
Date: Friday, June 9, 2017 10:13:29 AM

Olivia

Here's some more information on the Lea Unit West Central Tank

From 62/180 and Marathon road go south on marathon 3.1 miles turn west 0.2 to tank battery

32. 34' 21"N. 103. 31' 21"W

Section 12 Township 20S R34E

Lea County

Closest well connected to battery is Lea Unit 44

API #30-025-42885

Also please see attached pictures

Thanks

Melecio



Sent from my iPhone









Good morning Mr. Orozco:

Pleased to meet you this morning. Please send me the PLSS and GPS coordinates for the release site ASAP even if you don't have an associated API well #.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

APPROVED

By Olivia Yu at 10:21 am, Jan 19, 2018

NMOCD approves of the proposed delineation for 1RP-4646, 1RP-4655, and 1RP-4718 with clarifications:

- 1) Annotate the 3 releases on a scaled map.
- 2) Laboratory analyses must demonstrate permissible BTEX, TPH extended, and chlorides for at least 2 depths for each sample location.

1RP-4646, 1RP-4655 & 1RP-4718

DELINEATION PLAN

Lea Unit West Battery

Lea County, New Mexico

Latitude: N32° 35' 20.77
Longitude: W103° 31' 17.43"

LAI Project No. 17-0175-35

December 12, 2017

Prepared for:
Legacy Reserves Operating, LP
303 West Wall Street, Suite 1300
Midland, Texas 79701

Prepared by:
Larson & Associates, Inc.
507 North Marienfeld Street, Suite 205
Midland, Texas 79701



Mark J. Larson, P.G.
Certified Professional Geologist #10490



Sarah R. Johnson
Staff Geologist

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Figure 2	Aerial Map Showing Proposed Sample Points

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Appendix A	Initial C-141
Appendix B	Preliminary Laboratory Reports and Maps Showing Soil Sample Locations
Appendix C	Photographs

1RP-4646, 1RP-4655 & 1RP-4718

Delineation Plan

Lea Unit West Tank Battery

December 12, 2017

1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this delineation plan on behalf of Legacy Reserves Operating, LP (Legacy) for submittal to the New Mexico Oil Conservation Division (OCD) District I for a crude oil and two (2) produced water spills at the Lea Unit West Battery (Site) located in Unit E (SW/4, NW/4), Section 12, Township 20 South and Range 34 East in Lea County, New Mexico. The geodetic position is North 32° 35' 20.77 and West -103° 31' 17.43". Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The first spill occurred on March 16, 2017, due to a ruptured flow line, allowing for approximately 10 barrels (bbl) of crude oil to be released. Approximately 6 bbl were recovered. The majority of the released fluids were contained within the firewall surrounding the battery with an overspray that extended approximately 50 feet into the nearby pasture to the northeast. The initial C-141 was submitted to the OCD on March 16, 2017, and assigned remediation permit number 1RP-4646. Appendix A presents the initial C-141.

The second spill occurred on March 23, 2017, due to a closed valve, causing the water tank to overflow, releasing approximately 90 bbl of produced water. Approximately 80 bbl were recovered. The majority of the fluids were contained within the firewall, with an overspray outside of the containment in a nearby pasture to the northeast. The initial C-141 was submitted on March 23, 2017 and assigned remediation permit number 1RP-4655. Appendix A presents the initial C-141.

The third spill occurred on June 7, 2017, due to a gasket failure on a separator and transfer pump, causing the tanks to overflow and release 450 bb of produced water. Approximately 420 bbl were recovered. The release was contained within the containment, measuring approximately 30 x 50, with an overspray in the northeast corner of the battery pad. The initial C-141 was submitted and assigned remediation permit number 1RP-4718. Appendix A presents the initial C-141.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,660 feet above mean sea level (msl);
- The topography slopes gradually to the south and southwest;
- There are no surface water features within 1,000 feet of the Site;
- The soils are designated as "Kermit soils and dune land, 0 to 12 percent slopes" consisting of 0 to 8 inches of fine sand underlain by 8 to 60 inches of fine sand;
- The surface geology is Eolian Piedmont deposits from the Holocene to middle Pleistocene, the deposits consisting of interlayered eolian sands and piedmont-slope deposits underlain by the Tertiary-age Blackwater Draw and Ogallala formations in descending order;
- The nearest freshwater well is located in Unit P (SE/4, SE/4), Section 24, Township 20 South, Range 34 East about 0.9 miles southeast of the Site;
- Depth to groundwater was reported at about 58 feet bgs (1968).

1RP-4646, 1RP-4655 & 1RP-4718

Delineation Plan

Lea Unit West Tank Battery

December 12, 2017

1.3 Remediation Action Levels

Remediation action levels (RRAL) were calculated for benzene, BTEX and TPH based on the following criteria established by OCD in "Guidelines for Remediation of Leaks, Spills and Releases, pp. 6-7, August 13, 1993".

Criteria	Result	Score
Depth-to-Groundwater	50 – 99 Feet	10
Wellhead Protection Area	No	0
Distance to Surface Water Body	>1,000 Horizontal Feet	0

The following RRAL apply to the release for ranking score: 10

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg
- TPH 1,000 mg/Kg

Depth to groundwater between 50 and 99 feet bgs requires vertical delineation for chloride to 600 milligrams per kilogram (mg/Kg).

2.0 PRELIMINARY DELINEATION

On June 20, 2017, Superior Oilfield Service (SOS) personnel collected soil samples at six (6) locations (Sp-1 through Sp-6) within the tank battery firewall at depths of approximately 6 to 8 inches bgs and about 5 feet bgs. The soil samples were delivered under chain of custody and preservation to Cardinal Laboratories in Hobbs, New Mexico. The laboratory analyzed the samples for BTEX (the sum of benzene, toluene, ethylbenzene and xylenes), total petroleum hydrocarbons (TPH) including gasoline range organics (GRO) and diesel range organics (DRO) by EPA SW-846 Methods 8021B and 8015M, respectively. Chloride was analyzed by titration method (SM 4500 cl B).

Benzene exceeded the RRAL (10 mg/Kg) in the following samples:

- Sp – 3, 6 to 8 inches (56.1 mg/Kg)
- Sp – 4, 6 to 8 inches (35.8 mg/Kg)

BTEX exceeded the RRAL (50 mg/Kg) in the following samples:

- Sp – 3, 6 to 8 inches (708 mg/Kg)
- Sp – 4, 6 to 8 inches (568 mg/Kg)

TPH exceeded the RRAL (1,000 mg/Kg) in the following soil samples:

- Sp - 1, 6 to 8 inches (6,104 mg/Kg)
- Sp - 2, 6 to 8 inches (8,149 mg/Kg)
- Sp – 3, 6 to 8 inches (15,430 mg/Kg)
- Sp – 4, 6 to 8 inches (20,300 mg/Kg)
- Sp - 5, 6 to 8 inches (2,920 mg/Kg)
- Sp – 6, 6 to 8 inches (3,990 mg/Kg)

Chloride exceeded 600 mg/Kg in the following soil samples:

- Sp – 1, 6 to 8 inches (2,960 mg/Kg)
- Sp – 2, 6 to 8 inches (3,280 mg/Kg)
- Sp – 3, 6 to 8 inches (5,280 mg/Kg)
- Sp – 4, 6 to 8 inches (7,330 mg/Kg)
- Sp – 5, 6 to 8 inches (11,200 mg/Kg)
- Sp – 6, 6 to 8 inches (22,400 mg/Kg)

1RP-4646, 1RP-4655 & 1RP-4718

Delineation Plan

Lea Unit West Tank Battery

December 12, 2017

All soil samples at a depth of 5 feet bgs reported below the RRAL for benzene, BTEX and TPH. Chloride reported below 600 mg/Kg for all soil samples at 5 feet bgs.

On June 29, 2017, SOS personnel collected soil samples at four (4) locations outside the tank battery firewall at a depth of 1 foot bgs. The samples were collected at the overspray area, east of the site, as a 3 part composite sample, and in between the tank battery and production equipment as 4 part and 2 part composite samples. The soil samples were delivered under chain of custody and preservation to Cardinal Laboratories in Hobbs, New Mexico. The laboratory analyzed the samples for chloride titration method (SM 4500 cl B). All soil samples reported below the RRAL. Appendix B presents preliminary laboratory reports and maps showing soil sample locations.

3.0 DELINEATION PLAN

LAI proposes to delineate 1RP-4646, 1RP-4655 and 1Rp-4718 simultaneously. LAI proposes to collect soil samples at six (6) locations within the tank battery firewall and six (6) locations outside the firewall to delineate the release. The discrete soil samples will be collected at 1 foot intervals to approximately 4 feet bgs and 2 foot intervals to approximately 12 feet bgs using direct push technology (DPT) depending on subsurface conditions. LAI proposes to collect discrete soil samples to 1 foot bgs at three (3) locations within the overspray area and in each cardinal direction (north, south, east and west) of the overspray area for lateral delineation. The samples will be delivered to Permian Basin Environmental Lab (PBEL) under chain of custody and preservation. The samples will be analyzed for BTEX, TPH, including gasoline range organics (GRO), diesel range organics (DRO) and oil range organics (ORO) and chloride by EPA SW-846 Methods 8021B, 8015M and 300 respectively. Pending laboratory results, further delineation will be performed to achieve the RRALs. Figure 2 presents a site map showing proposed soil sample locations. Appendix C presents photographs.

4.0 DELINEATION REPORT

Legacy will submit a delineation report to the OCD that will include a remediation plan upon receipt of the laboratory report.

Figures

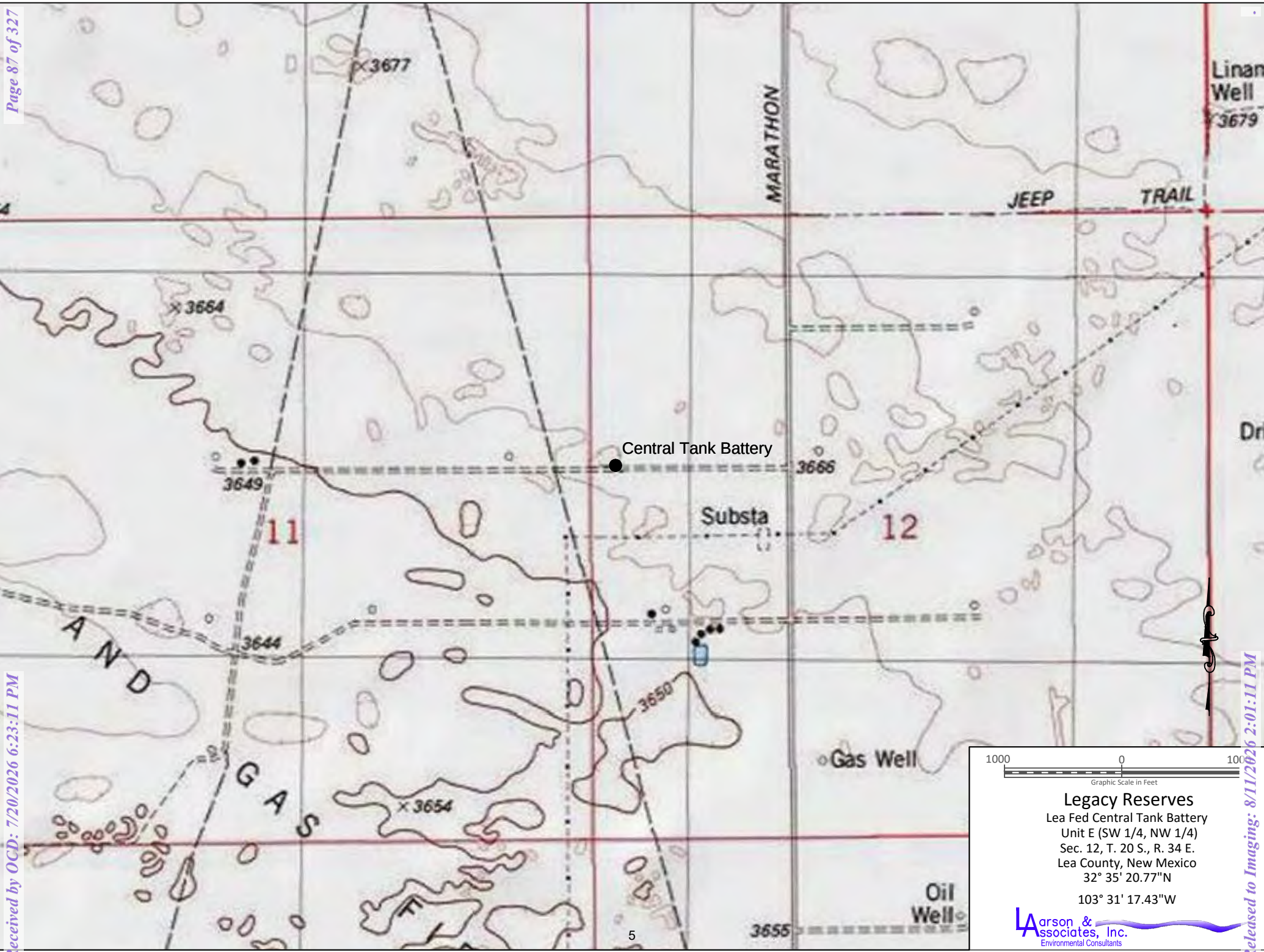


Figure 1 - Topographic Map



Legend

- - Proposed Sample Location
- - Spill Area



Legacy Reserves
Lea Fed Central Tank Battery - West
Unit E (SW 1/4, NW 1/4)
Sec. 12, T. 20 S., R. 34 E.
Lea County, New Mexico
32° 35' 20.77"N
103° 31' 17.43"W

Larson & Associates, Inc.
Environmental Consultants

Figure 2 - Aerial Map Showing Proposed Sample Points

Appendix A

Initial C-141

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company – Legacy Reserves, LP	Contact – Brian Cunningham
Address – PO Box 104848	Telephone No. 432-234-9450
Facility Name – Lea Unit West Battery	Facility Type – Tank Battery

Surface Owner - Federal	Mineral Owner	API No. 30-025-42885
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LOCATION OF RELEASE

Unit Letter E	Section 12	Township 20S	Range 34E	Feet from the 630	North/South Line South	Feet from the 660	East/West Line West	County Lea
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Latitude 32.5967 Longitude -103.5201

32.59443 -103.52101

NATURE OF RELEASE

Type of Release - Hydrocarbon	Volume of Release – 10bbl	Volume Recovered – 6bbl
Source of Release – Ruptured Flow Line	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Olivia Yu	
By Whom? Todd Roberson	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

RECEIVED

By Olivia Yu at 8:31 am, Mar 20, 2017

Describe Cause of Problem and Remedial Action Taken.*

Man way gasket failed causing a leak and over spray in the pasture

Describe Area Affected and Cleanup Action Taken.*

Most of the fluid stayed inside the containment for the battery with an overspray outside of the battery in the pasture.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Brian Cunningham	Approved by Environmental Specialist: 	
Title: Production Foreman	Approval Date: 3/20/2017	Expiration Date:
E-mail Address: b Cunningham@legacylp.com	Conditions of Approval: see attached directive	Attached ☒
Date: 3/16/17	Phone: 432-234-9450	

* Attach Additional Sheets If Necessary

1RP-4646

fOY1707931278

nOY1707931963

pOY1707932196

Operator/Responsible Party,

The OCD has received the form C-141 you provided on _3/17/2017_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number __1R-_4646_ has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District _1_ office in __Hobbs__ on or before _4/20/2017_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
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- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company – Legacy Reserves, LP	Contact – Brian Cunningham
Address – PO Box 104848	Telephone No. 432-234-9450
Facility Name – Lea Unit West Battery	Facility Type – Tank Battery
Surface Owner – Federal	Mineral Owner
API No. 30-025-42885	

LOCATION OF RELEASE

Unit Letter E	Section 12	Township 20S	Range 34E	Feet from the 630	North/South Line South	Feet from the 660	East/West Line West	County Lea
-------------------------	----------------------	-----------------	--------------	----------------------	---------------------------	----------------------	------------------------	---------------

Latitude **32.589305, -103.521692**

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release – 90 bbl	Volume Recovered – 80 bbl
Source of Release – Ruptured Flow Line	Date and Hour of Occurrence 3/23/17 after 5:00PM	Date and Hour of Discovery 3/24/17 6:30 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Olivia Yu	
By Whom? Todd Roberson	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

RECEIVED

By Olivia Yu at 10:23 am, Apr 10, 2017

Describe Cause of Problem and Remedial Action Taken.*

A valve was accidentally closed causing the water tank to overflow Vacuum truck picked up standing fluid in the containment.

Describe Area Affected and Cleanup Action Taken.*

Most of the fluid stayed inside the containment. A slight overspray outside of the containment.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC 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.

Signature: <i>Brian Cunningham</i>		OIL CONSERVATION DIVISION	
Printed Name: <i>Brian Cunningham</i>		Approved by Environmental Specialist: <i>oy</i>	
Title: <i>Foreman</i>	Approval Date: 4/7/2017	Expiration Date:	
E-mail Address: <i>bcunningham@legacylp.com</i>	Conditions of Approval: see attached directive		Attached ☒
Date: 3/23/17	Phone: 432-234-9450		

Attach Additional Sheets If Necessary

1RP-4655

nOY1710038346

pOY1710038562

Operator/Responsible Party,

The OCD has received the form C-141 you provided on _3/23/2017_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number __1R-_4655_ has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District _1_ office in __Hobbs__ on or before _4/27/2017_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

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for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Legacy Reserves	Contact Brian Cunningham
Address	Telephone No.(432) 234-9450
Facility Name Lea Federal Unit West Battery	Facility Type Central Tank Battery
Surface Owner BLM	Mineral Owner Federal
API No.	

LOCATION OF RELEASE

Unit Letter E	Section 12	Township 20S	Range 34 E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
-------------------------	---------------	------------------------	---------------	---------------	------------------	---------------	----------------	---------------

Latitude **32.589305** Longitude **-103.52155**

NATURE OF RELEASE

Type of Release Produce water	Volume of Release 450 BBLS	Volume Recovered 420 BBLS
Source of Release Tank Battery	Date and Hour of Occurrence 06/07/17 11:30 p.m.	Date and Hour of Discovery 06/08/17 4:00 a.m.
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

RECEIVED

By Olivia Yu at 11:09 am, Jun 09, 2017

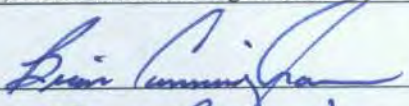
Describe Cause of Problem and Remedial Action Taken.*

Gasket went out on separator and transfer pump went out causing tanks to overfill. Had vacuum truck pick up 420 BBLS of produce water and haul to disposal.

Describe Area Affected and Cleanup Action Taken.*

Everything stayed inside dyke 130x50. Had little visible overspray on NE corner from separator.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Brian Cunningham	Approved by Environmental Specialist: 	
Title: Production Foreman	Approval Date: 6/9/2017	Expiration Date:
E-mail Address: bcunningham@legacylp.com	Conditions of Approval: see attached directive	Attached ☒
Date: 6/8/17	Phone: 432-234-9450	

* Attach Additional Sheets If Necessary

1RP-4718

nOY1716040816

fOY1707931278

pOY1716041104

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 6/9/2017 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 1R-4718 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 1 office in Hobbs on or before 7/9/2017. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

From: superior21j@aol.com
To: [Yu, Olivia, EMNRD](#)
Subject: Re: Lea Federal Unit West Battery release
Date: Friday, June 9, 2017 10:13:29 AM

Olivia

Here's some more information on the Lea Unit West Central Tank

From 62/180 and Marathon road go south on marathon 3.1 miles turn west 0.2 to tank battery

32. 34' 21"N. 103. 31' 21"W

Section 12 Township 20S R34E

Lea County

Closest well connected to battery is Lea Unit 44

API #30-025-42885

Also please see attached pictures

Thanks

Melecio



Sent from my iPhone









Good morning Mr. Orozco:

Pleased to meet you this morning. Please send me the PLSS and GPS coordinates for the release site ASAP even if you don't have an associated API well #.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Appendix B

Preliminary Laboratory Reports and Maps Showing Soil Sample Locations



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

June 26, 2017

MELECIO OROZCO

SUPERIOR OILFIELD SERVICE

P. O. BOX 73

EUNICE, NM 88231

RE: WEST CENTRAL

Enclosed are the results of analyses for samples received by the laboratory on 06/20/17 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP1 @ 6-8" (H701596-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.05	0.200	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	6.00	0.200	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	2.71	0.200	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	17.0	0.600	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	26.8	1.20	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	06/21/2017	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	334	50.0	06/21/2017	ND	167	83.5	200	11.3	
DRO >C10-C28	5770	50.0	06/21/2017	ND	168	84.0	200	13.8	

Surrogate: 1-Chlorooctane 120 % 28.3-164

Surrogate: 1-Chlorooctadecane 151 % 34.7-157

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP1 @ 5' (H701596-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	<0.050	0.050	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	<0.150	0.150	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	<0.300	0.300	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/21/2017	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/21/2017	ND	167	83.5	200	11.3	
DRO >C10-C28	<10.0	10.0	06/21/2017	ND	168	84.0	200	13.8	

Surrogate: 1-Chlorooctane 85.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 75.5 % 34.7-157

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP2 @ 6-8" (H701596-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.09	0.200	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	7.35	0.200	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	3.70	0.200	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	19.9	0.600	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTEX	32.0	1.20	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	06/21/2017	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	469	50.0	06/21/2017	ND	167	83.5	200	11.3		
DRO >C10-C28	7680	50.0	06/21/2017	ND	168	84.0	200	13.8		

Surrogate: 1-Chlorooctane 128 % 28.3-164

Surrogate: 1-Chlorooctadecane 192 % 34.7-157

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*=Accredited Analyte

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Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP2 @ 5' (H701596-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	<0.050	0.050	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	<0.150	0.150	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	<0.300	0.300	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/21/2017	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/21/2017	ND	167	83.5	200	11.3	
DRO >C10-C28	10.2	10.0	06/21/2017	ND	168	84.0	200	13.8	

Surrogate: 1-Chlorooctane 96.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 84.1 % 34.7-157

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP3 @ 6-8" (H701596-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	56.1	5.00	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	237	5.00	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	121	5.00	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	295	15.0	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTEX	708	30.0	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5280	16.0	06/21/2017	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	5660	50.0	06/21/2017	ND	167	83.5	200	11.3		
DRO >C10-C28	9770	50.0	06/21/2017	ND	168	84.0	200	13.8		

Surrogate: 1-Chlorooctane 179 % 28.3-164

Surrogate: 1-Chlorooctadecane 211 % 34.7-157

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP3 @ 5' (H701596-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.058	0.050	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	0.109	0.050	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	0.050	0.050	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	<0.150	0.150	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	<0.300	0.300	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/21/2017	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/21/2017	ND	167	83.5	200	11.3	
DRO >C10-C28	10.7	10.0	06/21/2017	ND	168	84.0	200	13.8	

Surrogate: 1-Chlorooctane 96.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 82.8 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP4 @ 6-8" (H701596-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	35.8	5.00	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	171	5.00	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	100	5.00	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	262	15.0	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTEX	568	30.0	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7330	16.0	06/21/2017	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	5200	50.0	06/21/2017	ND	167	83.5	200	11.3		
DRO >C10-C28	15100	50.0	06/21/2017	ND	168	84.0	200	13.8		

Surrogate: 1-Chlorooctane 203 % 28.3-164

Surrogate: 1-Chlorooctadecane 341 % 34.7-157

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Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP4 @ 4' (H701596-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	<0.050	0.050	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	<0.150	0.150	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	<0.300	0.300	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/21/2017	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/21/2017	ND	167	83.5	200	11.3	
DRO >C10-C28	10.3	10.0	06/21/2017	ND	168	84.0	200	13.8	

Surrogate: 1-Chlorooctane 95.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 82.8 % 34.7-157

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Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP5 @ 6-8" (H701596-09)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.101	0.050	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	0.187	0.050	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	0.061	0.050	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	<0.150	0.150	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	0.349	0.300	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	06/21/2017	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/21/2017	ND	167	83.5	200	11.3	
DRO >C10-C28	2920	50.0	06/21/2017	ND	168	84.0	200	13.8	

Surrogate: 1-Chlorooctane 84.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 129 % 34.7-157

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Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP5 @ 5' (H701596-10)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	<0.050	0.050	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	<0.150	0.150	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	<0.300	0.300	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 142 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/21/2017	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/21/2017	ND	167	83.5	200	11.3	
DRO >C10-C28	<10.0	10.0	06/21/2017	ND	168	84.0	200	13.8	

Surrogate: 1-Chlorooctane 89.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 75.2 % 34.7-157

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Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP6 @ 6-8" (H701596-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	<0.050	0.050	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	<0.150	0.150	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	<0.300	0.300	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	22400	16.0	06/21/2017	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/21/2017	ND	177	88.6	200	3.03	
DRO >C10-C28	3990	50.0	06/21/2017	ND	182	90.9	200	2.24	QM-07

Surrogate: 1-Chlorooctane 82.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 145 % 34.7-157

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Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 06/20/2017
Reported: 06/26/2017
Project Name: WEST CENTRAL
Project Number: TANK BATTERY
Project Location: NONE GIVEN

Sampling Date: 06/20/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP6 @ 4' (H701596-12)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2017	ND	2.17	109	2.00	1.21	
Toluene*	<0.050	0.050	06/22/2017	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/22/2017	ND	2.03	101	2.00	3.17	
Total Xylenes*	<0.150	0.150	06/22/2017	ND	5.87	97.9	6.00	3.22	
Total BTX	<0.300	0.300	06/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 137 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/21/2017	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/21/2017	ND	177	88.6	200	3.03	
DRO >C10-C28	<10.0	10.0	06/21/2017	ND	182	90.9	200	2.24	

Surrogate: 1-Chlorooctane 85.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 75.0 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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ANALYSIS REQUEST

Released to Imaging: 8/11/

26



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

July 05, 2017

MELECIO OROZCO

SUPERIOR OILFIELD SERVICE

P. O. BOX 73

EUNICE, NM 88231

RE: LEA FED WEST BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/29/17 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received:	06/29/2017	Sampling Date:	06/29/2017
Reported:	07/05/2017	Sampling Type:	Soil
Project Name:	LEA FED WEST BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: OVERSPRAY AREA @ 1' 3 PT (H701715-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/30/2017	ND	448	112	400	3.51	

Sample ID: 4PT COMP AREA #2 @ 1' (H701715-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/30/2017	ND	448	112	400	3.51	

Sample ID: 2PT COMP AREA #3 @ 1' (H701715-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/30/2017	ND	448	112	400	3.51	

Sample ID: 4PT COMP AREA 3 @ 1' (H701715-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2017	ND	448	112	400	3.51	

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Cley D. Keene", is written over a light blue rectangular background.

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

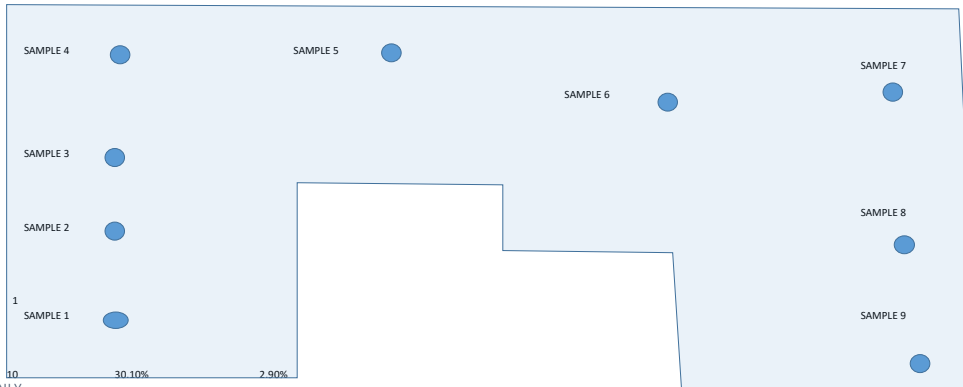
FOR LAB USE ONLY

PLEASE NOTE: Disability and Dues, Cardinal's liability and client exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. No damages including those for negligence and any other cause whatsoever shall be deemed unless made in writing and received by Cardinal within 90 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of, or loss of profits incurred by client, its subsidiaries, affiliates, successors or third parties. Successors authorized or obligated to the performance of services under this agreement shall be bound by the terms of this agreement.

Relinquished By:		
Date:	5/17	
Received By:	✓✓✓✓	

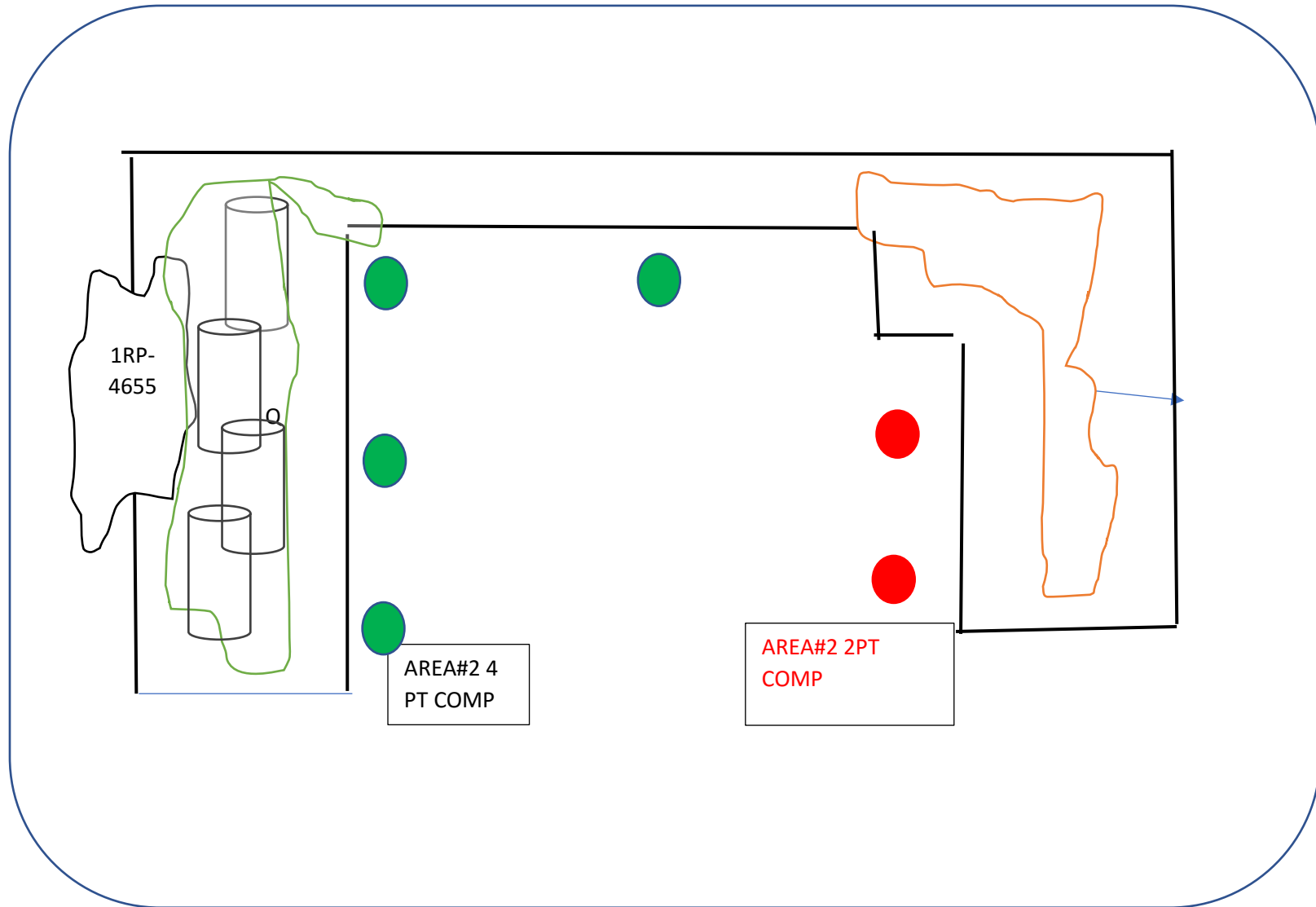
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

LEGACY INSIDE WEST BATTERY 1RP4646/4718/4655-1 Field TEST <CL ONLY



Field Tiration <CL ONLY					
SAMPLE POINT	SOIL	H2O	CF	Agno3	Cl PPM
1@1'		10.3	30.30%	30.00%	3.42
2'		10.5	2.83%	2.83%	1.78
4'		10.4	30.20%	2.91%	1.76
2@1'		10.1	30.40%	3.00%	1.76
2"		11.1	2.87%	2.85%	1.76
4'		10	30.10%	2.90%	0.9
3@1		10.4	30.20%	3.01%	0.9
2		10.3	30.30%	30.00%	1.11
3		10.5	2.83%	2.83%	0.33
4@1		10.4	30.20%	2.91%	5.81
2		10.1	30.40%	3.00%	1.6
4		11.1	2.87%	2.85%	
5@1		10.4	30.20%	2.91%	0.05
3		10.1	30.40%	3.00%	0.05
5@1		11.1	2.87%	2.85%	0.05
3		10	30.10%	2.90%	0.05
6@1		10	30.00%	3.00%	0.05
3		10	30.00%	3.00%	0.05
7@1		10	30.00%	3.00%	0.05
3		10	30.00%	3.00%	0.05
8@1		10	30.00%	3.00%	0.05
3		10	30.00%		0.05

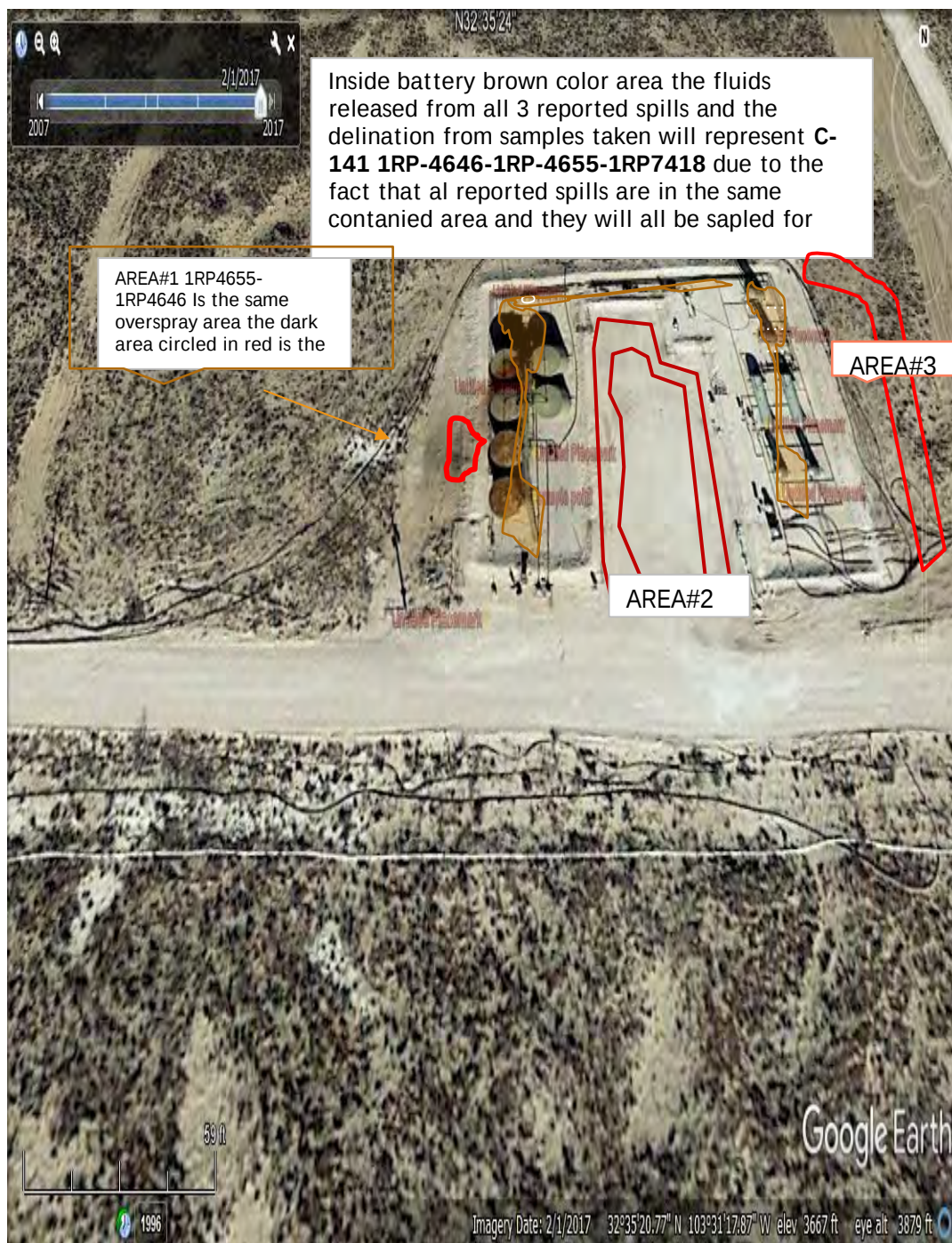
LEGACY WEST BATTERY SAMPLE POINT AREA #2



25' SPREAD



LEGACY LEA FED WEST BATTERY



Appendix C

Photographs

1RP-4646, 1RP-4655 & 1RP-4718

Lea Unit West Tank Battery

December 12, 2017



Site Location, September 28, 2017



Site Prior to Remediation Viewing South, September 28, 2017

1RP-4646, 1RP-4655 & 1RP-4718
Lea Unit West Tank Battery
December 12, 2017



Site Prior to Remediation Viewing North, September 28, 2017



Site Prior to Remediation Viewing North, September 28, 2017

1RP-4646, 1RP-4655 & 1RP-4718
Lea Unit West Tank Battery
December 12, 2017



Site Prior to Remediation Viewing West, September 28, 2017



West Side of Tank Battery Prior to Remediation Viewing South, September 28, 2017

1RP-4646, 1RP-4655 & 1RP-4718
Lea Unit West Tank Battery
December 12, 2017



Site Prior to Remediation Viewing West, September 28, 2017



Site Prior to Remediation Viewing East, September 28, 2017

1RP-4646, 1RP-4655 & 1RP-4718
Lea Unit West Tank Battery
December 12, 2017



Site Prior to Remediation Viewing North, September 28, 2017

From: [Yu, Olivia, EMNRD](#)
To: [Sarah Johnson](#)
Cc: bcunningham@legacylp.com; [Tucker, Shelly](#); [Mark Larson](#)
Subject: RE: 1RP-4646, 1RP-4655 & 1RP-4718 Lea Unit West Battery Delineation Plan
Date: Friday, January 19, 2018 10:27:00 AM
Attachments: approved_1RP-4646 1RP-4655 1RP-4718 Lea Unit West Battery Delineation Plan.pdf

Dear Ms. Johnson:

Please note that the location of the nearest freshwater well is incorrect.

NMOCD approves of the proposed delineation plan for 1RP-4646, 1RP4655, and 1RP-4718. In the report, please include these items:

- An appropriately scaled map with the 3 separate releases outlined with the associated delineation sample locations demarcated.
- Laboratory analyses must demonstrate at least 2 depths with permissible levels of BTEX, TPH extended, and chlorides for each sample location. Permissible chlorides levels must be maintained for 5 ft. further in depth.

Please confirm or inform for clarification. Like approval from BLM required.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Sarah Johnson [mailto:SJohnson@laenvironmental.com]
Sent: Friday, January 5, 2018 3:32 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: bcunningham@legacylp.com; Tucker, Shelly <stucker@blm.gov>; Mark Larson <Mark@laenvironmental.com>
Subject: 1RP-4646, 1RP-4655 & 1RP-4718 Lea Unit West Battery Delineation Plan

Dear Ms. Yu,

Larson & Associates, Inc. (LAI), on behalf of Legacy Reserves Operating, LP (Legacy), submits the

attached delineation plan for a crude oil and two produced water spills at the Lea Unit West Battery (1RP-4646, 1RP-4655 & 1RP-4718) in Lea County, New Mexico. Your approval of the delineation plan is requested. Please feel free to contact Brian Cunningham with Legacy at (575) 391-1464 or bcunningham@legacy.com, me at (432) 687-0901 (office) or (432) 664-5357 (cell) or Mark Larson if you have any questions.

Respectfully,

Sarah Johnson
Staff Geologist
507 N. Marienfeld St., Suite 205
Midland, Texas 79701
Office – 432-687-0901
Cell – 432-664-5357
Fax – 432-687-0456
sjohnson@laenvironmental.com



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APPENDIX E

CARMONA RESOURCES



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	NRM1926639762
District RP	1RP-5678
Facility ID	
Application ID	pRM1926639926

Release Notification

Responsible Party

Responsible Party Legacy Reserves, L.P.	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # (assigned by OCD)
Contact mailing address 303 West Wall Street, Suite 1300	

Location of Release Source

Latitude 32.589305° N Longitude -103.52155° W
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea Federal Unit West Battery	Site Type Tank Battery
Date Release Discovered 7/14/19	API# (if applicable) 30-025-41630

Unit Letter	Section	Township	Range	County
E	12	20S	34E	Lea

Surface Owner: ☒ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)
rim 9/23/2019

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) 170	Volume Recovered (bbls) 168
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) 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

A crude oil tank overflowed.

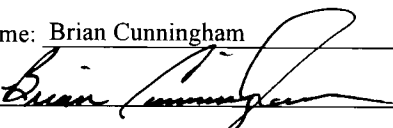
State of New Mexico
Oil Conservation Division

Incident ID	NRM1926639762
District RP	1RP-5678
Facility ID	
Application ID	pRM1926639926

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? The release was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Larson & Associates, Inc. personnel called Dylan Rose-Coss on 7/15/19 at 8:46 CST.	

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 <u>not</u> 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: <u>Brian Cunningham</u> Signature: <u></u> email: <u>bcunningham@legacyp.com</u>	Title: <u>Production Foreman</u> Date: <u>7/25/2019</u> Telephone: <u>432-234-9450</u>
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>09/23/2019</u>	

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS

Action 341514

QUESTIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 341514
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM1926639762
Incident Name	NRM1926639762 LEA FEDERAL UNIT EST BATTERY @ 30-025-41630
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-41630] HAMON A FEDERAL COM #002H

Location of Release Source	
Site Name	LEA FEDERAL UNIT EST BATTERY
Date Release Discovered	07/14/2019
Surface Owner	Federal

Liner Inspection Event Information	
<i>Please answer all the questions in this group.</i>	
What is the liner inspection surface area in square feet	5,800
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	05/09/2024
Time liner inspection will commence	07:00 AM
Please provide any information necessary for observers to liner inspection	Source of release was crude tank overfill
Please provide any information necessary for navigation to liner inspection site	From intersection of US-180 E/US-62 (Hobbs Hwy) & Skeen Rd/CR 27, drive 1.57 miles south, turn west and drive 0.78 miles into Hamon A Federal Com #002H.

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

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

CONDITIONS

Action 341514

CONDITIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 341514
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
cdh	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	5/7/2024



Closure Report/Liner Inspection

Hamon A Federal Com #002H

API #30-025-41630

Incident #nRM1926639762

Lea County, New Mexico

NWNW, Section 18, Township 20 South, Range 34 East

GPS Coordinates: 32.580290, -103.604299

Prepared For

Avant Natural Resources, LLC

1515 Wynkoop Street

Denver, Colorado 80202

Prepared By

CDH Consulting, LLC

Thornton, Colorado

Closure Report/Liner Inspection

Hamon A Federal Com #002H

API #30-025-41630

Incident #nRM1926639762

Lea County, New Mexico

Avant Natural Resources, LLC (Avant) has contracted CDH Consulting, LLC (CDH) to complete the necessary steps to obtain closure for Incident #nRM1926639762 associated with the Hamon A Federal Com #002H (API #30-025-41630).

On July 14, 2019, a crude oil tank overflowed releasing 170 barrels (bbl), of which 168 bbl were recovered. Legacy Reserves Operating, LP (Legacy) was the operator at the time of the incident. During Avant's recent acquisition of the production well from Legacy, Avant discovered Incident #nRM1926639762 was still open. In an attempt to be good stewards of the land, Avant's goal is to close the historic release by completing a liner inspection to demonstrate the integrity of the liner in place under the facility tanks and show that none of the released crude oil infiltrated the subsurface at the location.

An Initial C-141 Release Notification and Corrective Action form was submitted to the New Mexico Oil Conservation Division (NMOCD) dated July 25, 2019 indicating that released materials were contained and all free liquids and recoverable materials were removed and managed appropriately. The liner inspection below substantiates this assertion. The Initial C-141 is listed as approved by NMOCD on September 4, 2019. A copy of the Initial C-141 is attached to this report.

Liner Inspection

On May 7, 2024, CDH notified the NMOCD of the planned liner inspection (the NMOCD confirmation of this notification is attached to this report).

On May 9, 2024, CDH completed a liner inspection at the Hamon A Federal Com #002H. No cracks or tears were noted in the liner during the inspection, and it was observed to be intact and therefore the subsurface was not impacted. A photographic log is attached to this report.

Upon providing the above-listed liner inspection results and photographs, Avant requests NMOCD to approve closure of this incident.

Attachments:

Attachment A – Initial C-141 Release Notification and Corrective Action

Attachment B – Notification for Liner Inspection for a Release (C-141L)

Attachment C – Photographic Log

ATTACHMENT A

Initial C-141 Release Notification and Corrective Action

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	NRM1926639762
District RP	1RP-5678
Facility ID	
Application ID	pRM1926639926

Release Notification

Responsible Party

Responsible Party Legacy Reserves, L.P.	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # (assigned by OCD)
Contact mailing address 303 West Wall Street, Suite 1300	

Location of Release Source

Latitude 32.589305° N Longitude -103.52155° W
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea Federal Unit West Battery	Site Type Tank Battery
Date Release Discovered 7/14/19	API# (if applicable) 30-025-41630

Unit Letter	Section	Township	Range	County
E	12	20S	34E	Lea

Surface Owner: ☒ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)
rim 9/23/2019

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) 170	Volume Recovered (bbls) 168
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) 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

A crude oil tank overflowed.

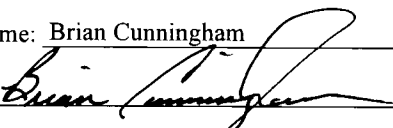
State of New Mexico
Oil Conservation Division

Incident ID	NRM1926639762
District RP	1RP-5678
Facility ID	
Application ID	pRM1926639926

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? The release was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Larson & Associates, Inc. personnel called Dylan Rose-Coss on 7/15/19 at 8:46 CST.	

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 <u>not</u> 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: <u>Brian Cunningham</u> Signature: <u></u> email: <u>bcunningham@legacyp.com</u>	Title: <u>Production Foreman</u> Date: <u>7/25/2019</u> Telephone: <u>432-234-9450</u>
OCD Only Received by: <u>Ramona Marcus</u> Date: <u>09/23/2019</u>	

ATTACHMENT B

Notification for Liner Inspection for a Release (C-141L)

From: OCDOnline@state.nm.us
To: [Michael Wicker](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 341514
Date: Tuesday, May 7, 2024 10:12:28 AM

To whom it may concern (c/o Michael Wicker for Avant Operating, LLC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nRM1926639762.

The liner inspection is expected to take place:

When: 05/09/2024 @ 07:00

Where: E-12-20S-34E 0 FNL 0 FEL (32.589305,-103.52155)

Additional Information: Source of release was crude tank overflow

Additional Instructions: From intersection of US-180 E/US-62 (Hobbs Hwy) & Skeen Rd/CR 27, drive 1.57 miles south, turn west and drive 0.78 miles into Hamon A Federal Com #002H.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

ATTACHMENT C

Photographic Log

PHOTOGRAPHIC LOG



Photograph 1: View of liner corner



Photograph 4: View of liner with piping



Photograph 2: View of liner corner and base



Photograph 5: View of liner between tanks



Photograph 3: View of liner corner and base



Photograph 6: View of liner corner

PHOTOGRAPHIC LOG



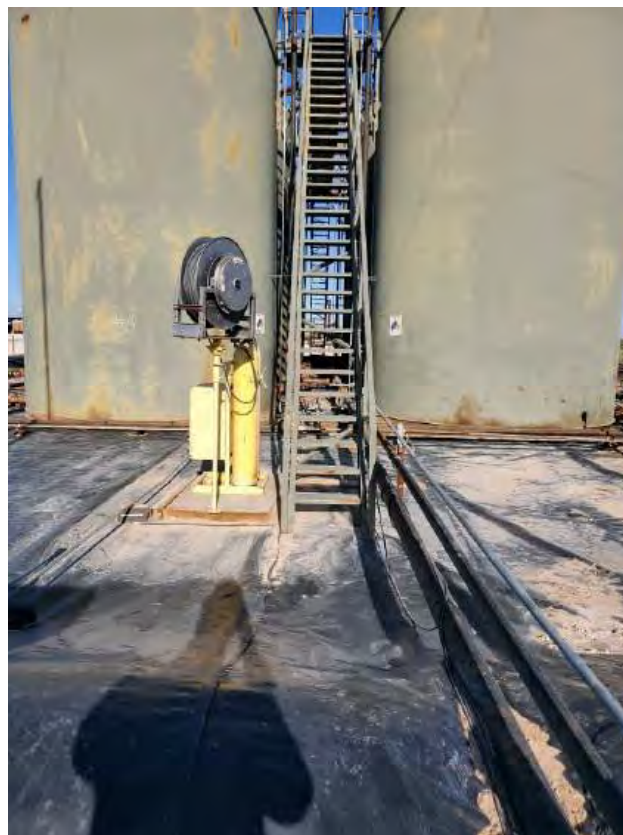
Photograph 7: View of tank battery and liner



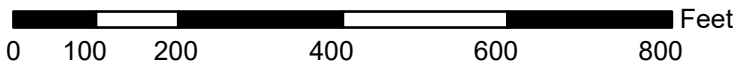
Photograph 8: View of tank battery and liner



Photograph 9: View of tank battery and liner



Photograph 10: View of liner near tank



 Thornton, CO 720.431.7468 www.CDHconsult.com	SITE MAP HAMON A FEDERAL COM #002H Lea County, NM		
	 Battery		
	Operator: Avant Natural Resources, LLC	Date 5/2024	

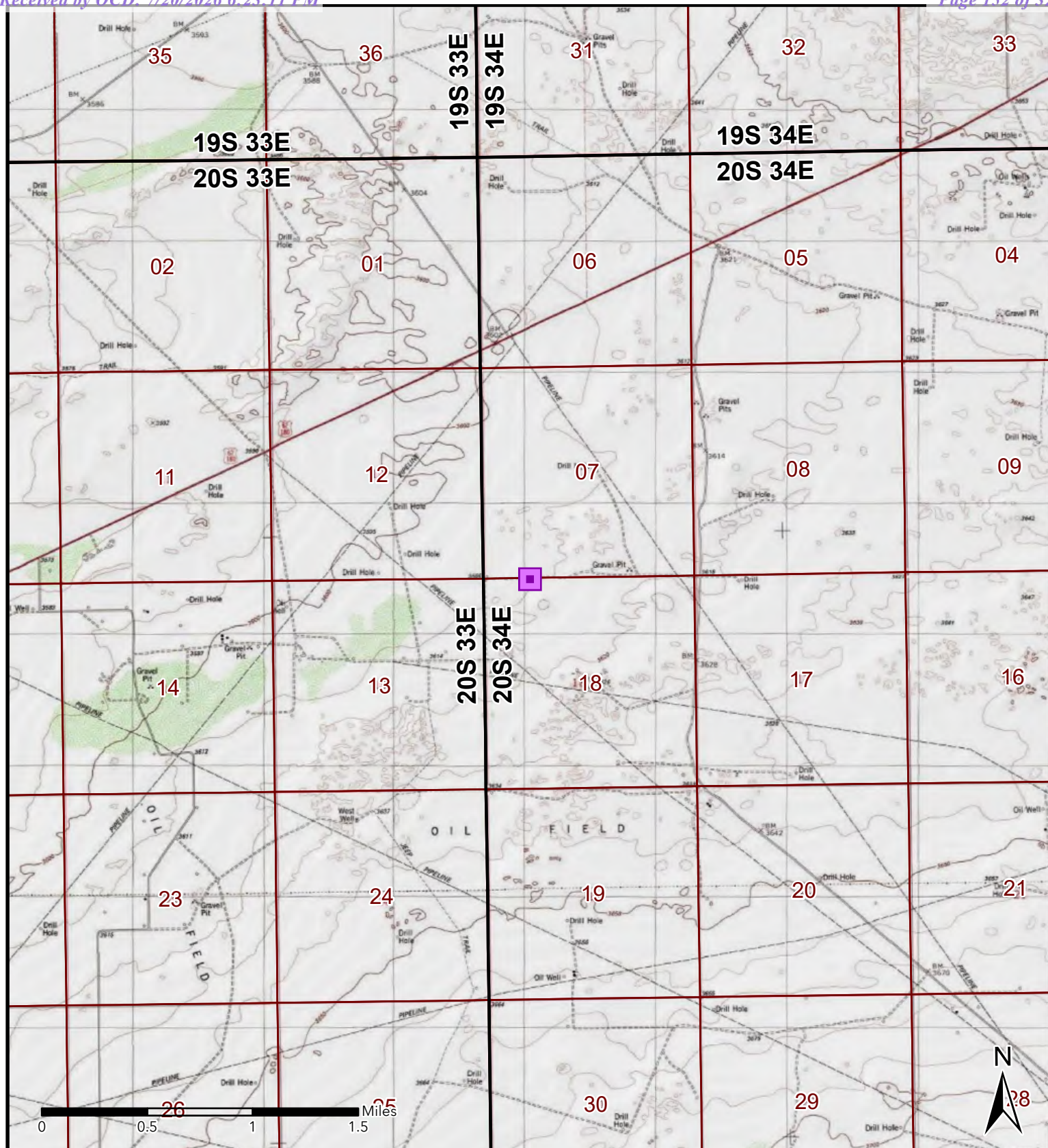


Figure 1 - Site Location
 Hamon A Fed Com South Battery
 Lea County, NM

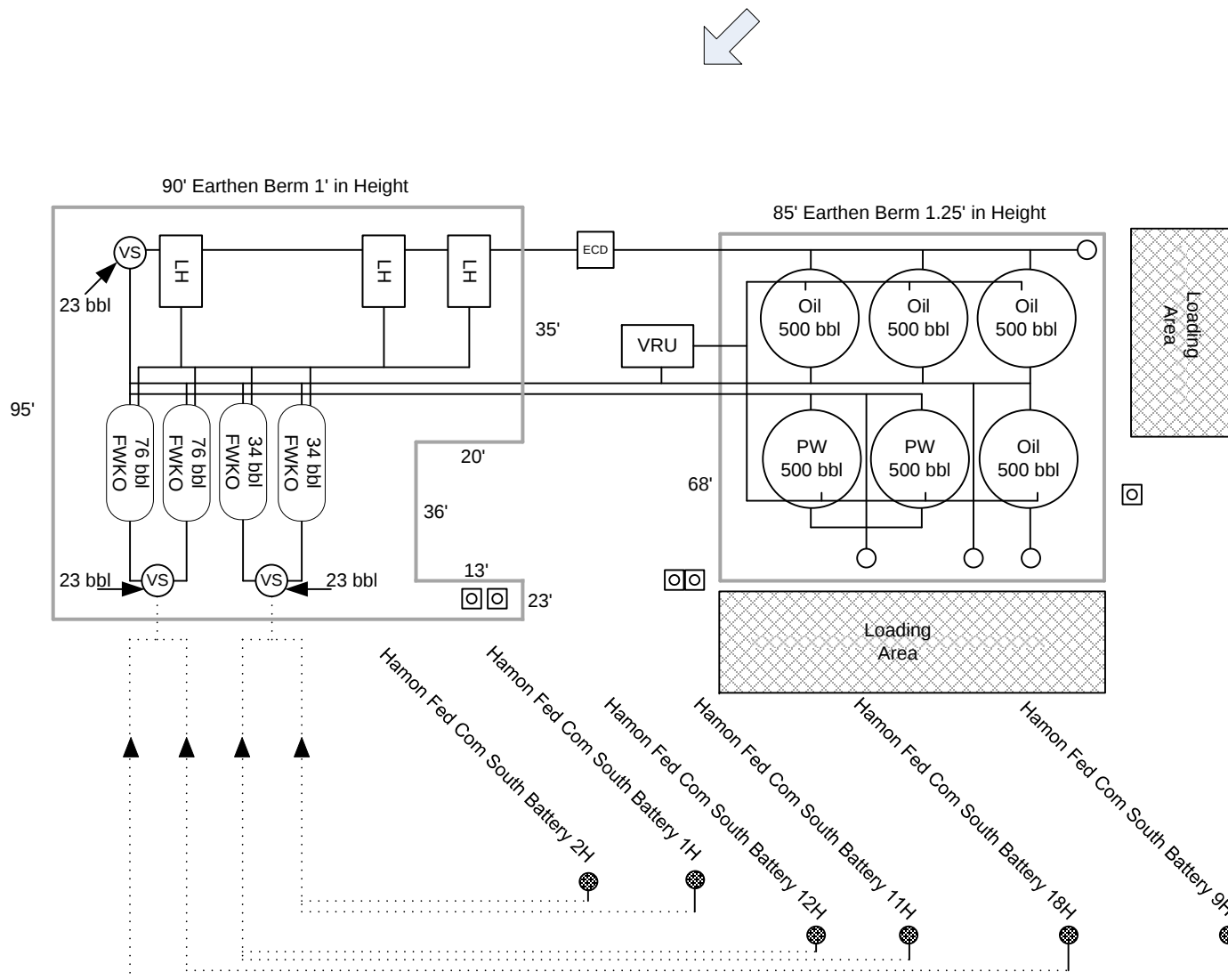
■ Site Location



Avant Natural Resources

32.580280, -103.604420

← Unnamed Drywash
0.1 mile



Drawing Not to Scale

Ashton Thielke

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Thursday, March 12, 2026 2:08 PM
To: Ashton Thielke
Cc: Laci Luig; Ashton Thielke
Subject: RE: [EXTERNAL] nRM1926639762 LEA FEDERAL UNIT WEST BATTERY - Incident Review

Hi Ashton,

According to the Initial C-141 which was approved by Ramona Marcus on 9/23/2019, the 7/14/2019 release occurred at the Lea Federal Unit West Battery, in E-12-20S-34E. The release will stay tied to this location as the location you reference does not match the PLSS nor the latitude and longitude provided on the Initial C-141. Delineation will need to be conducted within the unlined tank battery at Lea Federal Unit West Battery.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Thursday, March 12, 2026 8:22 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Laci Luig <Laci.Luig@coterra.com>; Ashton Thielke <Ashton.Thielke@coterra.com>
Subject: [EXTERNAL] nRM1926639762 LEA FEDERAL UNIT WEST BATTERY - Incident Review

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

Good morning Shelly,

I am working on a work plan to submit to you for review for the Lea Unit West Battery, for which there are multiple overlapping spill incidents located within the same tank battery. One of the spill incidents that was reported to occur in that area is the "nRM1926639762 LEA FEDERAL UNIT WEST BATTERY".

Doing a file review online, I see that the site name and coordinates both list the Lea Federal Unit West Battery. I believe this was misreported to the NMOCD. Going further down I see that the API shows the Hamon A Federal Com #002H at 32.580290, -103.604299. I then see in the Incident files that a closure report was submitted for a liner inspection to take place at the Hamon A Federal Com #002H tank battery. I want to believe that internal record keeping between Legacy Reserves Operating (original operator that caused the spill) and Avant Natural Resources pointed the construction crews and consultants to go to the Hamon A Federal Com #002H to perform the cleaning of the tank battery and the liner inspection.

Now that Coterra has acquired Avant, we are wanting to close this release out.

Goal:

Laci and I would like to get this site renamed from "Lea Unit West Battery" to "HAMON A FEDERAL COM #002H (07.14.2019)"

I see your comments on the NMOCD portal in regards to cleaning to liner further to remove the blow sands and pea gravel as well as collecting four (4) samples in each cardinal direction.

We will clean the liner and remove all material from it as well as schedule a site assessment.

Feel free to give me a call and we can discuss further!

Thanks!

Ashton Thielke

Director of Operations

310 West Wall Street, Suite 500

Midland TX, 79701

M: 432-813-8988 C: 281-753-5659

ThielkeA@carmonaresources.com

[Environmental Consulting Firm - Carmona Resources](#)



APPENDIX F

CARMONA RESOURCES



District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS

Action 117988

QUESTIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 117988
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all of the questions in this group.</i>	
Site Name	Lea Unit West transfer pump
Date Release Discovered	06/12/2022
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 303 BBL Recovered: 300 BBL Lost: 3 BBL]
Is the concentration of dissolved 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)	The spill was completely contained in the facility secondary containment berm and free liquids were recovered. Only 3 bbls were lost.

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QUESTIONS, Page 2

Action 117988

QUESTIONS (continued)

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 117988
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.
Reasons why this would be considered a submission for a notification of a major release	Unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	Dwight Mallory notified NMOCD
If YES, was immediate notice given to the OCD, to whom	Mike Bratcher was notified via voice message.
If YES, was immediate notice given to the OCD, when	06/16/2022
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	phone
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 19.15.29.8 B. (4) 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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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ACKNOWLEDGMENTS

Action 117988

ACKNOWLEDGMENTS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 117988
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☒	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☒	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.
☒	I acknowledge the fact that 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.
☒	I acknowledge the fact that, 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.

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

CONDITIONS

Action 117988

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 117988
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
malloryd01	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/16/2022

APPENDIX G

CARMONA RESOURCES



Nearest water well

Coterra Energy Operating Co.

Legend

- 0.25 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Lea Unit West Battery



Low Karst

Coterra Energy Operating Co.

Legend

- Lea Unit West Battery
- Low

Lea Unit West Battery





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
CP 02083 POD1		CP	LE	SE	NW	NW	12	20S	34E	638959.6	3607049.5		389	105		
CP 02092 POD1		CP	LE	NE	NE	NW	13	20S	34E	639320.6	3605662.2		1204	60	52	8
CP 00654 POD1		CP	LE		SE	SE	12	20S	34E	640103.0	3605947.0 *		1560	60		
L 04157		L	LE		SW	SW	06	20S	35E	640483.0	3607561.0 *		1926	70	64	6
CP 00655 POD1		CP	LE		SW	NW	14	20S	34E	637294.0	3605108.0 *		2173	210		
CP 00800 POD1		CP	LE	NE	NE	NE	22	20S	34E	637007.0	3603994.0 *		3237	220		
CP 01672 POD1		CP	LE	NW	SW	NW	36	19S	34E	638735.9	3610009.6		3287	100		
CP 00656 POD1		CP	LE	SE	SE	SE	04	20S	34E	635342.0	3607391.0 *		3471	225		
CP 02095 POD1		CP	LE	NE	NW	SE	24	20S	34E	639936.5	3603209.7		3708	105		
CP 00665		CP	LE		NW	SE	24	20S	34E	639740.0	3603128.0 *		3728	698	270	428

Average Depth to Water: 128 feet

Minimum Depth: 52 feet

Maximum Depth: 270 feet

Record Count: 10

UTM Filters (in meters):

Easting: 638748.68

Northing: 3606722.59

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S) CP-2083			
	WELL OWNER NAME(S) Coterra Energy				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 840 Gessner Rd. Ste. 1400				CITY Houston	STATE TX	ZIP 77024-4152	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 35	SECONDS 32.0	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE	103	31	9.5			W
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Section 12 Township 20s Range 34e. West of 27-A (Marathon Rd.)								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 9-3-25	DRILLING ENDED 9-3-25	DEPTH OF COMPLETED WELL (FT) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A			
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105'	6"	No casing left in hole				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

[illegible]



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-2083 Pod 1
 Well owner: Coterra Energy Phone No.: 432-208-3035
 Mailing address: 840 Gessner Rd. Ste. 1400
 City: Houston State: TX Zip code: 77024-4152

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 9-8-25 Date well plugging concluded: 9-8-25
- 5) GPS Well Location: Latitude: 32 deg, 35 min, 32.0 sec
 Longitude: 103 deg, 31 min, 9.5 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
 by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/16/25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- For each interval plugged, describe within the following columns:**

III. SIGNATURE:

Signature of _____

9/8/25

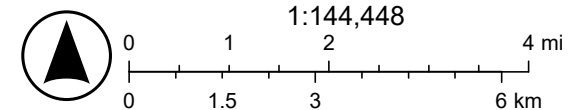
Date _____

Lea Unit West Battery



3/11/2026

World_Hillshade



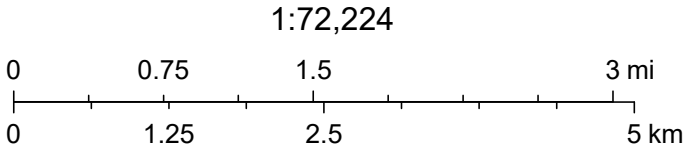
Source: FEMA, Esri, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA,

Lea Unit West Battery



3/11/2026, 4:10:27 PM

- OSW Water Bodys
- OSE Probable Playas
- OSE Streams



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



Lea Unit West Battery



March 11, 2026

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

-  Lake
-  Other
-  Riverine

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

APPENDIX H

CARMONA RESOURCES





Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 2/16/2026 2:23:15 PM

JOB DESCRIPTION

Lea Federal Unit West Battery
Lea County New Mexico

JOB NUMBER

880-68126-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

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
2/16/2026 2:23:15 PM

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

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Laboratory Job ID: 880-68126-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
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: Carmona Resources
Project: Lea Federal Unit West Battery

Job ID: 880-68126-1

Job ID: 880-68126-1**Eurofins Midland****Job Narrative
880-68126-1**

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 2/11/2026 2:25 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 6.8°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131750 and analytical batch 880-131822 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H -1 (0-1.0') (880-68126-1), H -4 (0-1.0') (880-68126-4), H -5 (0-1.0') (880-68126-5) and H -7 (0-1.0') (880-68126-7). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-131750/1-A) and (LCSD 880-131750/2-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.

Diesel Range Organics

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131629 and analytical batch 880-131695 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-131629/2-A) and (LCSD 880-131629/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-131628 and analytical batch 880-131697 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131628/3-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

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -1 (0-1.0')

Lab Sample ID: 880-68126-1

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/26 12:55	02/14/26 21:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 12:55	02/14/26 21:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/26 12:55	02/14/26 21:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 12:55	02/14/26 21:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/26 12:55	02/14/26 21:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/26 12:55	02/14/26 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	02/13/26 12:55	02/14/26 21:39	1
1,4-Difluorobenzene (Surr)	77		70 - 130	02/13/26 12:55	02/14/26 21:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/26 21:39	1

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			02/14/26 05:15	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 *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 05:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 05:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130	02/12/26 13:13	02/14/26 05:15	1
o-Terphenyl (Surr)	119		70 - 130	02/12/26 13:13	02/14/26 05:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/26 00:34	1

Client Sample ID: H -2 (0-1.0')

Lab Sample ID: 880-68126-2

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/13/26 12:55	02/14/26 22:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/13/26 12:55	02/14/26 22:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/13/26 12:55	02/14/26 22:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/13/26 12:55	02/14/26 22:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/13/26 12:55	02/14/26 22:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/13/26 12:55	02/14/26 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	02/13/26 12:55	02/14/26 22:00	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/13/26 12:55	02/14/26 22:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -2 (0-1.0')

Lab Sample ID: 880-68126-2

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/14/26 22:00	1

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			02/14/26 05:28	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	<50.1	U *1	50.1		mg/Kg		02/12/26 13:13	02/14/26 05:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/12/26 13:13	02/14/26 05:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/12/26 13:13	02/14/26 05:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/12/26 13:13	02/14/26 05:28	1
o-Terphenyl (Surr)	111		70 - 130				02/12/26 13:13	02/14/26 05:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.3		10.0		mg/Kg			02/13/26 09:09	1

Client Sample ID: H -3 (0-1.0')

Lab Sample ID: 880-68126-3

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/14/26 22:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/14/26 22:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/14/26 22:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 12:55	02/14/26 22:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/14/26 22:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 12:55	02/14/26 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				02/13/26 12:55	02/14/26 22:20	1
1,4-Difluorobenzene (Surr)	72		70 - 130				02/13/26 12:55	02/14/26 22:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/26 22:20	1

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			02/14/26 00:15	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		02/12/26 13:16	02/14/26 00:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		02/12/26 13:16	02/14/26 00:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -3 (0-1.0')

Lab Sample ID: 880-68126-3

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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)	<49.9	U	49.9		mg/Kg		02/12/26 13:16	02/14/26 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				02/12/26 13:16	02/14/26 00:15	1
o-Terphenyl (Surr)	100		70 - 130				02/12/26 13:16	02/14/26 00:15	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			02/13/26 00:51	1

Client Sample ID: H -4 (0-1.0')

Lab Sample ID: 880-68126-4

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/14/26 22:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/14/26 22:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/14/26 22:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 12:55	02/14/26 22:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/14/26 22:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 12:55	02/14/26 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				02/13/26 12:55	02/14/26 22:41	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				02/13/26 12:55	02/14/26 22:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/26 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/14/26 00:59	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	<50.3	U	50.3		mg/Kg		02/12/26 13:16	02/14/26 00:59	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/12/26 13:16	02/14/26 00:59	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/12/26 13:16	02/14/26 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/12/26 13:16	02/14/26 00:59	1
o-Terphenyl (Surr)	116		70 - 130				02/12/26 13:16	02/14/26 00:59	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			02/13/26 04:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -5 (0-1.0')

Lab Sample ID: 880-68126-5

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 23:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 23:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 23:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/26 12:55	02/14/26 23:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 23:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/26 12:55	02/14/26 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	02/13/26 12:55	02/14/26 23:01	1
1,4-Difluorobenzene (Surr)	77		70 - 130	02/13/26 12:55	02/14/26 23:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/26 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/14/26 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	<50.4	U	50.4		mg/Kg		02/12/26 13:16	02/14/26 01:12	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/12/26 13:16	02/14/26 01:12	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/12/26 13:16	02/14/26 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	02/12/26 13:16	02/14/26 01:12	1
o-Terphenyl (Surr)	115		70 - 130	02/12/26 13:16	02/14/26 01:12	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			02/13/26 04:58	1

Client Sample ID: H -6 (0-1.0')

Lab Sample ID: 880-68126-6

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/26 12:55	02/14/26 23:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 12:55	02/14/26 23:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/26 12:55	02/14/26 23:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 12:55	02/14/26 23:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/26 12:55	02/14/26 23:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/26 12:55	02/14/26 23:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	02/13/26 12:55	02/14/26 23:21	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/13/26 12:55	02/14/26 23:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -6 (0-1.0')

Lab Sample ID: 880-68126-6

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/26 23:21	1

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			02/14/26 01:27	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		02/12/26 13:16	02/14/26 01:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:16	02/14/26 01:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:16	02/14/26 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				02/12/26 13:16	02/14/26 01:27	1
o-Terphenyl (Surr)	107		70 - 130				02/12/26 13:16	02/14/26 01:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.8		10.0		mg/Kg			02/13/26 05:04	1

Client Sample ID: H -7 (0-1.0')

Lab Sample ID: 880-68126-7

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 23:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 23:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 23:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/26 12:55	02/14/26 23:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 23:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/26 12:55	02/14/26 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130				02/13/26 12:55	02/14/26 23:42	1
1,4-Difluorobenzene (Surr)	70		70 - 130				02/13/26 12:55	02/14/26 23:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/26 23:42	1

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			02/14/26 01:41	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		02/12/26 13:16	02/14/26 01:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:16	02/14/26 01:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -7 (0-1.0')

Lab Sample ID: 880-68126-7

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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)	<49.9	U	49.9		mg/Kg		02/12/26 13:16	02/14/26 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/12/26 13:16	02/14/26 01:41	1
o-Terphenyl (Surr)	113		70 - 130				02/12/26 13:16	02/14/26 01:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.5		10.1		mg/Kg			02/13/26 05:11	1

Client Sample ID: H -8 (0-1.0')

Lab Sample ID: 880-68126-8

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/15/26 00:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/15/26 00:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/15/26 00:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 12:55	02/15/26 00:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 12:55	02/15/26 00:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 12:55	02/15/26 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				02/13/26 12:55	02/15/26 00:03	1
1,4-Difluorobenzene (Surr)	73		70 - 130				02/13/26 12:55	02/15/26 00:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/15/26 00:03	1

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			02/14/26 01:56	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		02/12/26 13:16	02/14/26 01:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:16	02/14/26 01:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:16	02/14/26 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				02/12/26 13:16	02/14/26 01:56	1
o-Terphenyl (Surr)	109		70 - 130				02/12/26 13:16	02/14/26 01:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/13/26 05:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -9 (0-1.0')

Lab Sample ID: 880-68126-9

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/13/26 12:55	02/15/26 00:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/13/26 12:55	02/15/26 00:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/13/26 12:55	02/15/26 00:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/13/26 12:55	02/15/26 00:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/13/26 12:55	02/15/26 00:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/13/26 12:55	02/15/26 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	02/13/26 12:55	02/15/26 00:23	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/13/26 12:55	02/15/26 00:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/15/26 00:23	1

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			02/14/26 02:09	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		02/12/26 13:16	02/14/26 02:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:16	02/14/26 02:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:16	02/14/26 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	02/12/26 13:16	02/14/26 02:09	1
o-Terphenyl (Surr)	109		70 - 130	02/12/26 13:16	02/14/26 02:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/13/26 05:38	1

Client Sample ID: H -10 (0-1.0')

Lab Sample ID: 880-68126-10

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 18:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 18:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 18:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/26 12:55	02/14/26 18:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 18:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/26 12:55	02/14/26 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	02/13/26 12:55	02/14/26 18:44	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/13/26 12:55	02/14/26 18:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -10 (0-1.0')

Lab Sample ID: 880-68126-10

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/26 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/14/26 02:24	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	<50.4	U	50.4		mg/Kg		02/12/26 13:16	02/14/26 02:24	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/12/26 13:16	02/14/26 02:24	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/12/26 13:16	02/14/26 02:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				02/12/26 13:16	02/14/26 02:24	1
o-Terphenyl (Surr)	82		70 - 130				02/12/26 13:16	02/14/26 02:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/13/26 05:45	1

Client Sample ID: H -11 (0-1.0')

Lab Sample ID: 880-68126-11

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:35	02/13/26 19:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:35	02/13/26 19:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:35	02/13/26 19:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 09:35	02/13/26 19:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:35	02/13/26 19:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 09:35	02/13/26 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/13/26 09:35	02/13/26 19:25	1
1,4-Difluorobenzene (Surr)	117		70 - 130				02/13/26 09:35	02/13/26 19:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/26 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/14/26 02:38	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	<50.5	U	50.5		mg/Kg		02/12/26 13:16	02/14/26 02:38	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/12/26 13:16	02/14/26 02:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -11 (0-1.0')

Lab Sample ID: 880-68126-11

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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)	<50.5	U	50.5		mg/Kg		02/12/26 13:16	02/14/26 02:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				02/12/26 13:16	02/14/26 02:38	1
o-Terphenyl (Surr)	110		70 - 130				02/12/26 13:16	02/14/26 02:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/13/26 05:51	1

Client Sample ID: H -12 (0-1.0')

Lab Sample ID: 880-68126-12

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/13/26 09:35	02/13/26 19:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/13/26 09:35	02/13/26 19:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/13/26 09:35	02/13/26 19:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/13/26 09:35	02/13/26 19:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/13/26 09:35	02/13/26 19:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/13/26 09:35	02/13/26 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/13/26 09:35	02/13/26 19:46	1
1,4-Difluorobenzene (Surr)	116		70 - 130				02/13/26 09:35	02/13/26 19:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/13/26 19:46	1

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			02/14/26 02:53	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	<50.0	U	50.0		mg/Kg		02/12/26 13:16	02/14/26 02:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:16	02/14/26 02:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:16	02/14/26 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				02/12/26 13:16	02/14/26 02:53	1
o-Terphenyl (Surr)	101		70 - 130				02/12/26 13:16	02/14/26 02:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/13/26 05:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -13 (0-1.0')

Lab Sample ID: 880-68126-13

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 20:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/26 09:35	02/13/26 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 20:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/26 09:35	02/13/26 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/13/26 09:35	02/13/26 20:07	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/13/26 09:35	02/13/26 20:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/26 20:07	1

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			02/14/26 03:22	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		02/12/26 13:16	02/14/26 03:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:16	02/14/26 03:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:16	02/14/26 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	02/12/26 13:16	02/14/26 03:22	1
o-Terphenyl (Surr)	95		70 - 130	02/12/26 13:16	02/14/26 03:22	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			02/13/26 06:05	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-68087-A-1-E MS	Matrix Spike	100	112				
880-68087-A-1-F MSD	Matrix Spike Duplicate	102	111				
880-68126-1	H -1 (0-1.0')	69 S1-	77				
880-68126-2	H -2 (0-1.0')	70	78				
880-68126-3	H -3 (0-1.0')	80	72				
880-68126-4	H -4 (0-1.0')	76	68 S1-				
880-68126-5	H -5 (0-1.0')	67 S1-	77				
880-68126-6	H -6 (0-1.0')	70	78				
880-68126-7	H -7 (0-1.0')	60 S1-	70				
880-68126-8	H -8 (0-1.0')	77	73				
880-68126-9	H -9 (0-1.0')	70	78				
880-68126-10	H -10 (0-1.0')	70	78				
880-68126-11	H -11 (0-1.0')	104	117				
880-68126-12	H -12 (0-1.0')	105	116				
880-68126-13	H -13 (0-1.0')	103	112				
890-9500-A-41-A MS	Matrix Spike	94	117				
890-9500-A-41-B MSD	Matrix Spike Duplicate	80	85				
LCS 880-131709/1-A	Lab Control Sample	100	110				
LCS 880-131750/1-A	Lab Control Sample	134 S1+	130				
LCSD 880-131709/2-A	Lab Control Sample Dup	107	117				
MB 880-131709/5-A	Method Blank	97	107				
MB 880-131750/5-A	Method Blank	71	78				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
LCSD 880-131750/2-A	Lab Control Sample Dup						
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-68126-1	H -1 (0-1.0')	116	119				
880-68126-2	H -2 (0-1.0')	108	111				
880-68126-3	H -3 (0-1.0')	93	100				
880-68126-3 MS	H -3 (0-1.0')	112	106				
880-68126-3 MSD	H -3 (0-1.0')	111	106				
880-68126-4	H -4 (0-1.0')	108	116				

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-68126-1

Project/Site: Lea Federal Unit West Battery

SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-68126-5	H -5 (0-1.0')	106	115
880-68126-6	H -6 (0-1.0')	97	107
880-68126-7	H -7 (0-1.0')	108	113
880-68126-8	H -8 (0-1.0')	104	109
880-68126-9	H -9 (0-1.0')	100	109
880-68126-10	H -10 (0-1.0')	76	82
880-68126-11	H -11 (0-1.0')	104	110
880-68126-12	H -12 (0-1.0')	96	101
880-68126-13	H -13 (0-1.0')	89	95
890-9483-A-15-B MS	Matrix Spike	123	106
890-9483-A-15-C MSD	Matrix Spike Duplicate	117	109
LCS 880-131628/2-A	Lab Control Sample	127	117
LCS 880-131629/2-A	Lab Control Sample	136 S1+	125
LCSD 880-131628/3-A	Lab Control Sample Dup	146 S1+	134 S1+
LCSD 880-131629/3-A	Lab Control Sample Dup	142 S1+	131 S1+
MB 880-131628/1-A	Method Blank	85	92
MB 880-131629/1-A	Method Blank	97	106
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131709/5-A

Matrix: Solid

Analysis Batch: 131691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 09:35	02/13/26 12:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/13/26 09:35	02/13/26 12:10	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/13/26 09:35	02/13/26 12:10	1

Lab Sample ID: LCS 880-131709/1-A

Matrix: Solid

Analysis Batch: 131691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08444		mg/Kg		84	70 - 130
Toluene	0.100	0.07991		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.08793		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1682		mg/Kg		84	70 - 130
o-Xylene	0.100	0.07973		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-131709/2-A

Matrix: Solid

Analysis Batch: 131691

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131709

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09148		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08573		mg/Kg		86	70 - 130	7	35
Ethylbenzene	0.100	0.09253		mg/Kg		93	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1822		mg/Kg		91	70 - 130	8	35
o-Xylene	0.100	0.08633		mg/Kg		86	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-68087-A-1-E MS

Matrix: Solid

Analysis Batch: 131691

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08699		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.08249		mg/Kg		82	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68087-A-1-E MS

Matrix: Solid

Analysis Batch: 131691

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08659		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1662		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08054		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-68087-A-1-F MSD

Matrix: Solid

Analysis Batch: 131691

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09808		mg/Kg		98	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.09416		mg/Kg		94	70 - 130	13	35
Ethylbenzene	<0.00200	U	0.100	0.1009		mg/Kg		101	70 - 130	15	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1935		mg/Kg		97	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.09422		mg/Kg		94	70 - 130	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-131750/5-A

Matrix: Solid

Analysis Batch: 131822

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131750

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 16:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 16:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 16:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 12:55	02/14/26 16:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 12:55	02/14/26 16:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 12:55	02/14/26 16:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	02/13/26 12:55	02/14/26 16:19	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/13/26 12:55	02/14/26 16:19	1

Lab Sample ID: LCS 880-131750/1-A

Matrix: Solid

Analysis Batch: 131822

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131750

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07539		mg/Kg		75	70 - 130
Toluene	0.100	0.1170		mg/Kg		117	70 - 130
Ethylbenzene	0.100	0.1145		mg/Kg		115	70 - 130
m-Xylene & p-Xylene	0.200	0.2031		mg/Kg		102	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131750/1-A

Matrix: Solid

Analysis Batch: 131822

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131750

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1159		mg/Kg		116	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				
1,4-Difluorobenzene (Surr)	130		70 - 130				

Lab Sample ID: LCSD 880-131750/2-A

Matrix: Solid

Analysis Batch: 131822

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131750

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08299		mg/Kg			-		
Toluene	0.100	0.1166		mg/Kg			-		
Ethylbenzene	0.100	0.09259		mg/Kg			-		
m-Xylene & p-Xylene	0.200	0.2156		mg/Kg			-		
o-Xylene	0.100	0.1094		mg/Kg			-		
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)									
1,4-Difluorobenzene (Surr)									

Lab Sample ID: 890-9500-A-41-A MS

Matrix: Solid

Analysis Batch: 131822

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131750

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.04105	F1	mg/Kg		41	70 - 130
Toluene	<0.00200	U F1	0.100	0.04548	F1	mg/Kg		45	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.03659	F1	mg/Kg		37	70 - 130
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.05787	F1	mg/Kg		29	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.02885	F1	mg/Kg		29	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	94		70 - 130						
1,4-Difluorobenzene (Surr)	117		70 - 130						

Lab Sample ID: 890-9500-A-41-B MSD

Matrix: Solid

Analysis Batch: 131822

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131750

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1 F2	0.100	0.02781	F1 F2	mg/Kg		28	70 - 130	38	35
Toluene	<0.00200	U F1	0.100	0.03540	F1	mg/Kg		35	70 - 130	25	35
Ethylbenzene	<0.00200	U F1	0.100	0.03380	F1	mg/Kg		34	70 - 130	8	35
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.05698	F1	mg/Kg		28	70 - 130	2	35
o-Xylene	<0.00200	U F1	0.100	0.02966	F1	mg/Kg		30	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9500-A-41-B MSD

Matrix: Solid

Analysis Batch: 131822

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131750

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	80		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

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

Lab Sample ID: MB 880-131628/1-A

Matrix: Solid

Analysis Batch: 131697

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131628

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane (Surr)	85		70 - 130				02/12/26 13:13	02/13/26 23:33	1	
o-Terphenyl (Surr)	92		70 - 130				02/12/26 13:13	02/13/26 23:33	1	

Lab Sample ID: LCS 880-131628/2-A

Matrix: Solid

Analysis Batch: 131697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131628

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	861.0		mg/Kg		86		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1018		mg/Kg		102		70 - 130		
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	127		70 - 130							
o-Terphenyl (Surr)	117		70 - 130							

Lab Sample ID: LCSD 880-131628/3-A

Matrix: Solid

Analysis Batch: 131697

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131628

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1093	*1	mg/Kg		109		70 - 130	24	20
Diesel Range Organics (Over C10-C28)	1000	1239		mg/Kg		124		70 - 130	20	20
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	146	S1+	70 - 130							
o-Terphenyl (Surr)	134	S1+	70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9483-A-15-B MS

Matrix: Solid

Analysis Batch: 131697

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131628

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	997	979.5		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	905.8		mg/Kg		91	70 - 130		
			</								

Lab Sample ID: 890-9483-A-15-C MSD

Matrix: Solid

Analysis Batch: 131697

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131628

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	997	1033		mg/Kg		104	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	916.7		mg/Kg		92	70 - 130	1	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	117		70 - 130								
o-Terphenyl (Surr)	109		70 - 130								

Lab Sample ID: MB 880-131629/1-A

Matrix: Solid

Analysis Batch: 131695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131629

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:16	02/13/26 23:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:16	02/13/26 23:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:16	02/13/26 23:33	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	97		70 - 130				02/12/26 13:16	02/13/26 23:33	1
o-Terphenyl (Surr)	106		70 - 130				02/12/26 13:16	02/13/26 23:33	1

Lab Sample ID: LCS 880-131629/2-A

Matrix: Solid

Analysis Batch: 131695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131629

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1036		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	883.6		mg/Kg		88	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131629/2-A

Matrix: Solid

Analysis Batch: 131695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131629

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	136	S1+	70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: LCSD 880-131629/3-A

Matrix: Solid

Analysis Batch: 131695

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131629

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1057		mg/Kg		106	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	943.1		mg/Kg		94	70 - 130	7	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	142	S1+	70 - 130
o-Terphenyl (Surr)	131	S1+	70 - 130

Lab Sample ID: 880-68126-3 MS

Matrix: Solid

Analysis Batch: 131695

Client Sample ID: H -3 (0-1.0')

Prep Type: Total/NA

Prep Batch: 131629

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	999	779.0		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	623.1	F1	mg/Kg		62	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: 880-68126-3 MSD

Matrix: Solid

Analysis Batch: 131695

Client Sample ID: H -3 (0-1.0')

Prep Type: Total/NA

Prep Batch: 131629

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	999	794.2		mg/Kg		80	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	594.7	F1	mg/Kg		60	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	106		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131602/1-A

Matrix: Solid

Analysis Batch: 131646

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			02/13/26 00:18	1

Lab Sample ID: LCS 880-131602/2-A

Matrix: Solid

Analysis Batch: 131646

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-131602/3-A

Matrix: Solid

Analysis Batch: 131646

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	235.4		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-68126-1 MS

Matrix: Solid

Analysis Batch: 131646

Client Sample ID: H -1 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	250	248.9		mg/Kg		100	90 - 110

Lab Sample ID: 880-68126-1 MSD

Matrix: Solid

Analysis Batch: 131646

Client Sample ID: H -1 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	250	249.1		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-131635/1-A

Matrix: Solid

Analysis Batch: 131647

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			02/13/26 04:18	1

Lab Sample ID: LCS 880-131635/2-A

Matrix: Solid

Analysis Batch: 131647

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-131635/3-A

Matrix: Solid

Analysis Batch: 131647

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	240.5		mg/Kg		96	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68126-4 MS

Client Sample ID: H -4 (0-1.0')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 131647

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.1	U	252	263.3		mg/Kg		101	90 - 110		

Lab Sample ID: 880-68126-4 MSD

Client Sample ID: H -4 (0-1.0')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 131647

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U	252	259.7		mg/Kg		100	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 131691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-11	H -11 (0-1.0')	Total/NA	Solid	8021B	131709
880-68126-12	H -12 (0-1.0')	Total/NA	Solid	8021B	131709
880-68126-13	H -13 (0-1.0')	Total/NA	Solid	8021B	131709
MB 880-131709/5-A	Method Blank	Total/NA	Solid	8021B	131709
LCS 880-131709/1-A	Lab Control Sample	Total/NA	Solid	8021B	131709
LCSD 880-131709/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131709
880-68087-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	131709
880-68087-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131709

Prep Batch: 131709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-11	H -11 (0-1.0')	Total/NA	Solid	5035	
880-68126-12	H -12 (0-1.0')	Total/NA	Solid	5035	
880-68126-13	H -13 (0-1.0')	Total/NA	Solid	5035	
MB 880-131709/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131709/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131709/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68087-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68087-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 131750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-1	H -1 (0-1.0')	Total/NA	Solid	5035	
880-68126-2	H -2 (0-1.0')	Total/NA	Solid	5035	
880-68126-3	H -3 (0-1.0')	Total/NA	Solid	5035	
880-68126-4	H -4 (0-1.0')	Total/NA	Solid	5035	
880-68126-5	H -5 (0-1.0')	Total/NA	Solid	5035	
880-68126-6	H -6 (0-1.0')	Total/NA	Solid	5035	
880-68126-7	H -7 (0-1.0')	Total/NA	Solid	5035	
880-68126-8	H -8 (0-1.0')	Total/NA	Solid	5035	
880-68126-9	H -9 (0-1.0')	Total/NA	Solid	5035	
880-68126-10	H -10 (0-1.0')	Total/NA	Solid	5035	
MB 880-131750/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131750/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131750/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9500-A-41-A MS	Matrix Spike	Total/NA	Solid	5035	
890-9500-A-41-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 131822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-1	H -1 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-2	H -2 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-3	H -3 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-4	H -4 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-5	H -5 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-6	H -6 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-7	H -7 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-8	H -8 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-9	H -9 (0-1.0')	Total/NA	Solid	8021B	131750
880-68126-10	H -10 (0-1.0')	Total/NA	Solid	8021B	131750
MB 880-131750/5-A	Method Blank	Total/NA	Solid	8021B	131750

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 131822 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-131750/1-A	Lab Control Sample	Total/NA	Solid	8021B	131750
LCSD 880-131750/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131750
890-9500-A-41-A MS	Matrix Spike	Total/NA	Solid	8021B	131750
890-9500-A-41-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131750

Analysis Batch: 131933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-1	H -1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-2	H -2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-3	H -3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-4	H -4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-5	H -5 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-6	H -6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-7	H -7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-8	H -8 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-9	H -9 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-10	H -10 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-11	H -11 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-12	H -12 (0-1.0')	Total/NA	Solid	Total BTEX	
880-68126-13	H -13 (0-1.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-1	H -1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-2	H -2 (0-1.0')	Total/NA	Solid	8015NM Prep	
MB 880-131628/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131628/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131628/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9483-A-15-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9483-A-15-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-3	H -3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-4	H -4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-5	H -5 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-6	H -6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-7	H -7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-8	H -8 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-9	H -9 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-10	H -10 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-11	H -11 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-12	H -12 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-13	H -13 (0-1.0')	Total/NA	Solid	8015NM Prep	
MB 880-131629/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131629/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131629/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68126-3 MS	H -3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-68126-3 MSD	H -3 (0-1.0')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 131695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-3	H -3 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-4	H -4 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-5	H -5 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-6	H -6 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-7	H -7 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-8	H -8 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-9	H -9 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-10	H -10 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-11	H -11 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-12	H -12 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-13	H -13 (0-1.0')	Total/NA	Solid	8015B NM	131629
MB 880-131629/1-A	Method Blank	Total/NA	Solid	8015B NM	131629
LCS 880-131629/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131629
LCSD 880-131629/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131629
880-68126-3 MS	H -3 (0-1.0')	Total/NA	Solid	8015B NM	131629
880-68126-3 MSD	H -3 (0-1.0')	Total/NA	Solid	8015B NM	131629

Analysis Batch: 131697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-1	H -1 (0-1.0')	Total/NA	Solid	8015B NM	131628
880-68126-2	H -2 (0-1.0')	Total/NA	Solid	8015B NM	131628
MB 880-131628/1-A	Method Blank	Total/NA	Solid	8015B NM	131628
LCS 880-131628/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131628
LCSD 880-131628/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131628
890-9483-A-15-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131628
890-9483-A-15-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131628

Analysis Batch: 131941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-1	H -1 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-2	H -2 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-3	H -3 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-4	H -4 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-5	H -5 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-6	H -6 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-7	H -7 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-8	H -8 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-9	H -9 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-10	H -10 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-11	H -11 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-12	H -12 (0-1.0')	Total/NA	Solid	8015 NM	
880-68126-13	H -13 (0-1.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-1	H -1 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-2	H -2 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-3	H -3 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-131602/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 131602 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-131602/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131602/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68126-1 MS	H -1 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-1 MSD	H -1 (0-1.0')	Soluble	Solid	DI Leach	

Leach Batch: 131635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-4	H -4 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-5	H -5 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-6	H -6 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-7	H -7 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-8	H -8 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-9	H -9 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-10	H -10 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-11	H -11 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-12	H -12 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-13	H -13 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-131635/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131635/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131635/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68126-4 MS	H -4 (0-1.0')	Soluble	Solid	DI Leach	
880-68126-4 MSD	H -4 (0-1.0')	Soluble	Solid	DI Leach	

Analysis Batch: 131646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-1	H -1 (0-1.0')	Soluble	Solid	300.0	131602
880-68126-2	H -2 (0-1.0')	Soluble	Solid	300.0	131602
880-68126-3	H -3 (0-1.0')	Soluble	Solid	300.0	131602
MB 880-131602/1-A	Method Blank	Soluble	Solid	300.0	131602
LCS 880-131602/2-A	Lab Control Sample	Soluble	Solid	300.0	131602
LCSD 880-131602/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131602
880-68126-1 MS	H -1 (0-1.0')	Soluble	Solid	300.0	131602
880-68126-1 MSD	H -1 (0-1.0')	Soluble	Solid	300.0	131602

Analysis Batch: 131647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68126-4	H -4 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-5	H -5 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-6	H -6 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-7	H -7 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-8	H -8 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-9	H -9 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-10	H -10 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-11	H -11 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-12	H -12 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-13	H -13 (0-1.0')	Soluble	Solid	300.0	131635
MB 880-131635/1-A	Method Blank	Soluble	Solid	300.0	131635
LCS 880-131635/2-A	Lab Control Sample	Soluble	Solid	300.0	131635
LCSD 880-131635/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131635
880-68126-4 MS	H -4 (0-1.0')	Soluble	Solid	300.0	131635
880-68126-4 MSD	H -4 (0-1.0')	Soluble	Solid	300.0	131635

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -1 (0-1.0')

Lab Sample ID: 880-68126-1

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/14/26 21:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/14/26 21:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 05:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 05:15	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 00:34	SMC	EET MID

Client Sample ID: H -2 (0-1.0')

Lab Sample ID: 880-68126-2

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/14/26 22:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/14/26 22:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 05:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 05:28	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 09:09	SMC	EET MID

Client Sample ID: H -3 (0-1.0')

Lab Sample ID: 880-68126-3

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/14/26 22:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/14/26 22:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 00:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 00:15	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 00:51	SMC	EET MID

Client Sample ID: H -4 (0-1.0')

Lab Sample ID: 880-68126-4

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/14/26 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/14/26 22:41	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -4 (0-1.0')

Lab Sample ID: 880-68126-4

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

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			131941	02/14/26 00:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 00:59	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 04:38	SMC	EET MID

Client Sample ID: H -5 (0-1.0')

Lab Sample ID: 880-68126-5

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/14/26 23:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/14/26 23:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 01:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 01:12	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 04:58	SMC	EET MID

Client Sample ID: H -6 (0-1.0')

Lab Sample ID: 880-68126-6

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/14/26 23:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/14/26 23:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 01:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 01:27	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 05:04	SMC	EET MID

Client Sample ID: H -7 (0-1.0')

Lab Sample ID: 880-68126-7

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/14/26 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/14/26 23:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 01:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 01:41	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -7 (0-1.0')

Lab Sample ID: 880-68126-7

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 05:11	SMC	EET MID

Client Sample ID: H -8 (0-1.0')

Lab Sample ID: 880-68126-8

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/15/26 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/15/26 00:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 01:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 01:56	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 05:18	SMC	EET MID

Client Sample ID: H -9 (0-1.0')

Lab Sample ID: 880-68126-9

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/15/26 00:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/15/26 00:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 02:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 02:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 05:38	SMC	EET MID

Client Sample ID: H -10 (0-1.0')

Lab Sample ID: 880-68126-10

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131750	02/13/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131822	02/14/26 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/14/26 18:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 02:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 02:24	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 05:45	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Client Sample ID: H -11 (0-1.0')

Lab Sample ID: 880-68126-11

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 19:25	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/13/26 19:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 02:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 02:38	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 05:51	SMC	EET MID

Client Sample ID: H -12 (0-1.0')

Lab Sample ID: 880-68126-12

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 19:46	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/13/26 19:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 02:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 02:53	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 05:58	SMC	EET MID

Client Sample ID: H -13 (0-1.0')

Lab Sample ID: 880-68126-13

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/11/26 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 20:07	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131933	02/13/26 20:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			131941	02/14/26 03:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131629	02/12/26 13:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/14/26 03:22	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 06:05	SMC	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

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
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
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
5035	Closed System Purge and Trap	SW846	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.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68126-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68126-1	H -1 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-2	H -2 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-3	H -3 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-4	H -4 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-5	H -5 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-6	H -6 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-7	H -7 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-8	H -8 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-9	H -9 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-10	H -10 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-11	H -11 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-12	H -12 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas
880-68126-13	H -13 (0-1.0')	Solid	02/11/26 00:00	02/11/26 14:25	Texas

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Chain of Custody



880-68126 Chain of Custody

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	☐ RC
State of Project:	☐ Level II	☐ Level III	☐ ST/UST
Reporting Level:	☐ Level I	☐ Level II	☐ Level III
Deliverables:	EDD	ADAPT	Other:

Project Name:	Lea Federal Unit West Battery	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	3136	☐ Routine	☒ Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:	72 Hours														Cool: Cool	MeOH: Me	
Sampler's Name:	JR																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No											H ₃ PO ₄ : HP		
Received Intact:	Yes	No		Thermometer ID:													NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes	No		Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes	No		Temperature Reading:													Zn Acetate+NaOH: Zn		
Total Containers:				Corrected Temperature:													NaOH+Ascorbic Acid: SPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST												Preservative Codes			
H-1 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-2 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-3 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-4 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-5 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-6 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-7 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-8 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-9 (0-1.0')	2/11/2026		X		G	1	X	X	X													
H-10 (0-1.0')	2/11/2026		X		G	1	X	X	X													

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ perfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	Lea Federal Unit West Battery	Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number:	3136	☐ Routine	☒ Rush	Due Date:	72 Hours	Pres. Code													None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico																		Cool: Cool	MeOH: Me	
Sampler's Name:	JR																		HCL: HC	HNO ₃ : HN	
PO #:																			H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Thermometer ID:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters												Hold	
Received intact:	Yes ☒ No ☐	Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	N/A	Temperature Reading:	16.7													NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes ☒ No ☐	Total Containers:	Yes ☒ No ☐	Corrected Temperature:	16.8													Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
H-11 (0-1.0')	2/11/2026		X		G	1	X	X	X	X	X	X	X	X	X	X					
H-12 (0-1.0')	2/11/2026		X		G	1	X	X	X	X	X	X	X	X	X	X					
H-13 (0-1.0')	2/11/2026		X		G	1	X	X	X	X	X	X	X	X	X	X					

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68126-1

SDG Number: Lea County New Mexico

Login Number: 68126

List Number: 1

Creator: Neeld, Linsey

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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 2/18/2026 8:28:26 PM

JOB DESCRIPTION

Lea Federal Unit West Battery
3136

JOB NUMBER

880-68287-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

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
2/18/2026 8:28:26 PM

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

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Laboratory Job ID: 880-68287-1
SDG: 3136

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

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: Carmona Resources
Project: Lea Federal Unit West Battery

Job ID: 880-68287-1

Job ID: 880-68287-1

Eurofins Midland

Job Narrative
880-68287-1

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 2/13/2026 5:05 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 -2.3°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-8 (0-1') (880-68287-43), S-8 (1.5') (880-68287-44), S-8 (4.5') (880-68287-48), S-9 (0-1') (880-68287-49) and S-9 (1.5') (880-68287-50). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-131957 and analytical batch 880-132047 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-131927 and analytical batch 880-132048 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-4 (3') (880-68287-22), S-4 (4') (880-68287-23), S-4 (4.5') (880-68287-24), S-5 (0-1') (880-68287-25), S-5 (1.5') (880-68287-26), S-5 (2') (880-68287-27) and S-5 (4') (880-68287-29). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-132225 and analytical batch 880-132162 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-4 (1.5') (880-68287-20), (880-68275-A-1-E), (880-68275-A-1-C MS) and (880-68275-A-1-D MSD). 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.

Diesel Range Organics

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-131837 and analytical batch 880-132062 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-3 (4') (880-68287-17), S-3 (4.5') (880-68287-18), S-4 (2') (880-68287-21), S-4 (4') (880-68287-23), S-4 (4.5') (880-68287-24), S-5 (0-1') (880-68287-25), S-5 (1.5') (880-68287-26), S-5 (2') (880-68287-27), S-5 (3') (880-68287-28), S-5 (4') (880-68287-29), S-5 (4.5') (880-68287-30), S-6 (0-1') (880-68287-31), S-6 (1.5') (880-68287-32), S-6 (2') (880-68287-33), S-6 (3') (880-68287-34), S-6 (4') (880-68287-35), S-6 (4.5') (880-68287-36), (LCS 880-131837/2-A), (LCSD 880-131837/3-A), (880-68287-A-17-B MS) and (880-68287-A-17-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: S-3 (3') (880-68287-16). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-131836 and analytical batch

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Case Narrative

Client: Carmona Resources
Project: Lea Federal Unit West Battery

Job ID: 880-68287-1

Job ID: 880-68287-1 (Continued)

Eurofins Midland

880-132065 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-7 (0-1') (880-68287-37), S-8 (4') (880-68287-47), S-9 (0-1') (880-68287-49), S-9 (1.5') (880-68287-50), S-9 (2') (880-68287-51) and (MB 880-131848/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68287-A-37-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68287-A-37-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S-7 (1.5') (880-68287-38). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-7 (3') (880-68287-40), S-7 (4') (880-68287-41), S-7 (4.5') (880-68287-42), S-8 (0-1') (880-68287-43), S-8 (2') (880-68287-45), S-8 (3') (880-68287-46), S-9 (3') (880-68287-52), S-9 (4') (880-68287-53) and S-9 (4.5') (880-68287-54). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-131848/2-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

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-68287-1

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 14:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 14:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 14:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 11:49	02/17/26 14:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 14:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/16/26 11:49	02/17/26 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/16/26 11:49	02/17/26 14:13	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/16/26 11:49	02/17/26 14:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/26 14:13	1

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			02/17/26 18:35	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	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 18:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 18:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	02/15/26 18:08	02/17/26 18:35	1
o-Terphenyl (Surr)	97		70 - 130	02/15/26 18:08	02/17/26 18:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.1		9.98		mg/Kg			02/16/26 21:47	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68287-2

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 14:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 14:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 14:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 11:49	02/17/26 14:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 14:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 11:49	02/17/26 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/16/26 11:49	02/17/26 14:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/16/26 11:49	02/17/26 14:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68287-2

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 14:34	1

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			02/17/26 18:50	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		02/15/26 18:08	02/17/26 18:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:08	02/17/26 18:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:08	02/17/26 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				02/15/26 18:08	02/17/26 18:50	1
o-Terphenyl (Surr)	117		70 - 130				02/15/26 18:08	02/17/26 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.5		9.92		mg/Kg			02/16/26 22:03	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68287-3

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 14:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 14:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 14:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 11:49	02/17/26 14:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 14:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 11:49	02/17/26 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				02/16/26 11:49	02/17/26 14:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/16/26 11:49	02/17/26 14:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 14:54	1

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			02/17/26 19:05	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		02/15/26 18:08	02/17/26 19:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 19:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68287-3

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				02/15/26 18:08	02/17/26 19:05	1
o-Terphenyl (Surr)	125		70 - 130				02/15/26 18:08	02/17/26 19:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.1		9.92		mg/Kg			02/16/26 22:08	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68287-4

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 15:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 15:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 15:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 11:49	02/17/26 15:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 15:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 11:49	02/17/26 15:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				02/16/26 11:49	02/17/26 15:15	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/16/26 11:49	02/17/26 15:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 15:15	1

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			02/17/26 19:21	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	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 19:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/15/26 18:08	02/17/26 19:21	1
o-Terphenyl (Surr)	114		70 - 130				02/15/26 18:08	02/17/26 19:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.0		10.0		mg/Kg			02/16/26 22:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68287-5

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 15:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 15:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 15:35	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/16/26 11:49	02/17/26 15:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 15:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 11:49	02/17/26 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/16/26 11:49	02/17/26 15:35	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/16/26 11:49	02/17/26 15:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 15:35	1

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			02/17/26 19:36	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	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 19:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 19:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	02/15/26 18:08	02/17/26 19:36	1
o-Terphenyl (Surr)	114		70 - 130	02/15/26 18:08	02/17/26 19:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		10.1		mg/Kg			02/16/26 22:18	1

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-68287-6

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 15:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 15:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 15:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 11:49	02/17/26 15:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 15:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/16/26 11:49	02/17/26 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/16/26 11:49	02/17/26 15:56	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/16/26 11:49	02/17/26 15:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-68287-6

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/26 15:56	1

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			02/17/26 19:52	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		02/15/26 18:08	02/17/26 19:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:08	02/17/26 19:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:08	02/17/26 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				02/15/26 18:08	02/17/26 19:52	1
o-Terphenyl (Surr)	105		70 - 130				02/15/26 18:08	02/17/26 19:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		10.1		mg/Kg			02/16/26 22:34	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-68287-7

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 16:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 16:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 16:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 11:49	02/17/26 16:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 16:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 11:49	02/17/26 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				02/16/26 11:49	02/17/26 16:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/16/26 11:49	02/17/26 16:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 16:16	1

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			02/17/26 20:22	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		02/15/26 18:08	02/17/26 20:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 20:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-68287-7

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				02/15/26 18:08	02/17/26 20:22	1
o-Terphenyl (Surr)	104		70 - 130				02/15/26 18:08	02/17/26 20:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		10.0		mg/Kg			02/16/26 22:39	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-68287-8

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 16:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 16:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 16:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 11:49	02/17/26 16:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 16:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 11:49	02/17/26 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				02/16/26 11:49	02/17/26 16:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/16/26 11:49	02/17/26 16:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 16:36	1

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			02/17/26 20:37	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		02/15/26 18:08	02/17/26 20:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 20:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				02/15/26 18:08	02/17/26 20:37	1
o-Terphenyl (Surr)	113		70 - 130				02/15/26 18:08	02/17/26 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.0		9.96		mg/Kg			02/16/26 22:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68287-9

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 16:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 16:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 16:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 11:49	02/17/26 16:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 16:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 11:49	02/17/26 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/16/26 11:49	02/17/26 16:57	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/16/26 11:49	02/17/26 16:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 16:57	1

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			02/17/26 20:52	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		02/15/26 18:08	02/17/26 20:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:08	02/17/26 20:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:08	02/17/26 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	02/15/26 18:08	02/17/26 20:52	1
o-Terphenyl (Surr)	105		70 - 130	02/15/26 18:08	02/17/26 20:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.9		9.92		mg/Kg			02/16/26 22:50	1

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68287-10

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 17:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 17:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 17:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/16/26 11:49	02/17/26 17:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 17:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 11:49	02/17/26 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/16/26 11:49	02/17/26 17:17	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/16/26 11:49	02/17/26 17:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68287-10

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 17:17	1

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			02/17/26 21:07	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		02/15/26 18:08	02/17/26 21:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 21:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				02/15/26 18:08	02/17/26 21:07	1
o-Terphenyl (Surr)	122		70 - 130				02/15/26 18:08	02/17/26 21:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.4		9.98		mg/Kg			02/16/26 22:55	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68287-11

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 18:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 18:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 18:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 11:49	02/17/26 18:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 18:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/16/26 11:49	02/17/26 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/16/26 11:49	02/17/26 18:51	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/16/26 11:49	02/17/26 18:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/26 18:51	1

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			02/17/26 21:21	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	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 21:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 21:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-2 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-11

Matrix: Solid

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)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				02/15/26 18:08	02/17/26 21:21	1
o-Terphenyl (Surr)	126		70 - 130				02/15/26 18:08	02/17/26 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		10.0		mg/Kg			02/16/26 23:00	1

Client Sample ID: S-2 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-12

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 19:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 19:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 19:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 11:49	02/17/26 19:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 19:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 11:49	02/17/26 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/16/26 11:49	02/17/26 19:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/16/26 11:49	02/17/26 19:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 19:11	1

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			02/17/26 21:37	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		02/15/26 18:08	02/17/26 21:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 21:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:08	02/17/26 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				02/15/26 18:08	02/17/26 21:37	1
o-Terphenyl (Surr)	125		70 - 130				02/15/26 18:08	02/17/26 21:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.7		9.92		mg/Kg			02/16/26 23:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-68287-13

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 19:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 19:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 19:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 11:49	02/17/26 19:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 19:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 11:49	02/17/26 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/16/26 11:49	02/17/26 19:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/16/26 11:49	02/17/26 19:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 19:32	1

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			02/17/26 21:52	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		02/15/26 18:08	02/17/26 21:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 21:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130	02/15/26 18:08	02/17/26 21:52	1
o-Terphenyl (Surr)	117		70 - 130	02/15/26 18:08	02/17/26 21:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		10.1		mg/Kg			02/16/26 23:21	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-68287-14

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 19:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 19:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 19:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 11:49	02/17/26 19:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 19:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 11:49	02/17/26 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/16/26 11:49	02/17/26 19:52	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/16/26 11:49	02/17/26 19:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-68287-14

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 19:52	1

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			02/17/26 22:07	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		02/15/26 18:08	02/17/26 22:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:08	02/17/26 22:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:08	02/17/26 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				02/15/26 18:08	02/17/26 22:07	1
o-Terphenyl (Surr)	119		70 - 130				02/15/26 18:08	02/17/26 22:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.5		9.94		mg/Kg			02/16/26 23:37	1

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68287-15

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 20:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 20:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 20:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/16/26 11:49	02/17/26 20:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:49	02/17/26 20:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 11:49	02/17/26 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				02/16/26 11:49	02/17/26 20:13	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/16/26 11:49	02/17/26 20:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 20:13	1

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			02/17/26 22:21	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	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 22:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 22:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-3 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-15

Matrix: Solid

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)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				02/15/26 18:08	02/17/26 22:21	1
o-Terphenyl (Surr)	122		70 - 130				02/15/26 18:08	02/17/26 22:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.4		9.92		mg/Kg			02/16/26 23:42	1

Client Sample ID: S-3 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-16

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 20:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 20:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 20:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 11:49	02/17/26 20:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 20:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/16/26 11:49	02/17/26 20:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				02/16/26 11:49	02/17/26 20:33	1
1,4-Difluorobenzene (Surr)	88		70 - 130				02/16/26 11:49	02/17/26 20:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/26 20:33	1

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			02/17/26 22:36	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	<50.1	U	50.1		mg/Kg		02/15/26 18:08	02/17/26 22:36	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/15/26 18:08	02/17/26 22:36	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/15/26 18:08	02/17/26 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	132	S1+	70 - 130				02/15/26 18:08	02/17/26 22:36	1
o-Terphenyl (Surr)	133	S1+	70 - 130				02/15/26 18:08	02/17/26 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.4		10.1		mg/Kg			02/16/26 23:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68287-17

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 20:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 20:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 20:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 11:49	02/17/26 20:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:49	02/17/26 20:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 11:49	02/17/26 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/16/26 11:49	02/17/26 20:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/16/26 11:49	02/17/26 20:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 20:54	1

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			02/17/26 17:05	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		02/15/26 18:11	02/17/26 17:05	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/15/26 18:11	02/17/26 17:05	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/15/26 18:11	02/17/26 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	S1+	70 - 130	02/15/26 18:11	02/17/26 17:05	1
o-Terphenyl (Surr)	146	S1+	70 - 130	02/15/26 18:11	02/17/26 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		10.0		mg/Kg			02/16/26 23:52	1

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-68287-18

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 21:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 21:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 21:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 11:49	02/17/26 21:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:49	02/17/26 21:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 11:49	02/17/26 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/16/26 11:49	02/17/26 21:14	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/16/26 11:49	02/17/26 21:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-68287-18

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 21:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/17/26 17:50	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	<50.5	U	50.5		mg/Kg		02/15/26 18:11	02/17/26 17:50	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/15/26 18:11	02/17/26 17:50	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/15/26 18:11	02/17/26 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130				02/15/26 18:11	02/17/26 17:50	1
o-Terphenyl (Surr)	144	S1+	70 - 130				02/15/26 18:11	02/17/26 17:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.5		10.0		mg/Kg			02/16/26 23:58	1

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-68287-19

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 21:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 21:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 21:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 11:49	02/17/26 21:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:49	02/17/26 21:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 11:49	02/17/26 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/16/26 11:49	02/17/26 21:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/16/26 11:49	02/17/26 21:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 21:35	1

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			02/17/26 18:05	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		02/15/26 18:11	02/17/26 18:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/15/26 18:11	02/17/26 18:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-68287-19

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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		02/15/26 18:11	02/17/26 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				02/15/26 18:11	02/17/26 18:05	1
o-Terphenyl (Surr)	127		70 - 130				02/15/26 18:11	02/17/26 18:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.8		10.0		mg/Kg			02/17/26 00:03	1

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-68287-20

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:38	02/18/26 14:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:38	02/18/26 14:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:38	02/18/26 14:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/18/26 11:38	02/18/26 14:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:38	02/18/26 14:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/18/26 11:38	02/18/26 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				02/18/26 11:38	02/18/26 14:46	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/18/26 11:38	02/18/26 14:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/18/26 14:46	1

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			02/17/26 18:20	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	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 18:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				02/15/26 18:11	02/17/26 18:20	1
o-Terphenyl (Surr)	129		70 - 130				02/15/26 18:11	02/17/26 18:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		10.1		mg/Kg			02/17/26 00:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-4 (2')

Lab Sample ID: 880-68287-21

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 15:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 15:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 15:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 11:52	02/17/26 15:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 15:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/16/26 11:52	02/17/26 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/16/26 11:52	02/17/26 15:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/16/26 11:52	02/17/26 15:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/26 15:32	1

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			02/17/26 18:35	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	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 18:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 18:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130	02/15/26 18:11	02/17/26 18:35	1
o-Terphenyl (Surr)	142	S1+	70 - 130	02/15/26 18:11	02/17/26 18:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.7		10.1		mg/Kg			02/17/26 00:12	1

Client Sample ID: S-4 (3')

Lab Sample ID: 880-68287-22

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:52	02/17/26 15:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:52	02/17/26 15:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:52	02/17/26 15:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 11:52	02/17/26 15:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:52	02/17/26 15:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 11:52	02/17/26 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	02/16/26 11:52	02/17/26 15:53	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/16/26 11:52	02/17/26 15:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-4 (3')

Lab Sample ID: 880-68287-22

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 15:53	1

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			02/17/26 18:50	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		02/15/26 18:11	02/17/26 18:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 18:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				02/15/26 18:11	02/17/26 18:50	1
o-Terphenyl (Surr)	129		70 - 130				02/15/26 18:11	02/17/26 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.7		10.1		mg/Kg			02/17/26 00:28	1

Client Sample ID: S-4 (4')

Lab Sample ID: 880-68287-23

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:52	02/17/26 16:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:52	02/17/26 16:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:52	02/17/26 16:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 11:52	02/17/26 16:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:52	02/17/26 16:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 11:52	02/17/26 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				02/16/26 11:52	02/17/26 16:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/16/26 11:52	02/17/26 16:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 16:13	1

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			02/17/26 19:05	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		02/15/26 18:11	02/17/26 19:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 19:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-4 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-23

Matrix: Solid

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)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	S1+	70 - 130				02/15/26 18:11	02/17/26 19:05	1
o-Terphenyl (Surr)	145	S1+	70 - 130				02/15/26 18:11	02/17/26 19:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.2		9.96		mg/Kg			02/17/26 00:34	1

Client Sample ID: S-4 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-24

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:52	02/17/26 16:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:52	02/17/26 16:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:52	02/17/26 16:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 11:52	02/17/26 16:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:52	02/17/26 16:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 11:52	02/17/26 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				02/16/26 11:52	02/17/26 16:33	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/16/26 11:52	02/17/26 16:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 16:33	1

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			02/17/26 19:21	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	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	S1+	70 - 130				02/15/26 18:11	02/17/26 19:21	1
o-Terphenyl (Surr)	148	S1+	70 - 130				02/15/26 18:11	02/17/26 19:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		9.92		mg/Kg			02/17/26 00:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-68287-25

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:52	02/17/26 16:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:52	02/17/26 16:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:52	02/17/26 16:54	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/16/26 11:52	02/17/26 16:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:52	02/17/26 16:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 11:52	02/17/26 16:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	02/16/26 11:52	02/17/26 16:54	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/16/26 11:52	02/17/26 16:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 16:54	1

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			02/17/26 19:36	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	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 19:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 19:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	140	S1+	70 - 130	02/15/26 18:11	02/17/26 19:36	1
o-Terphenyl (Surr)	142	S1+	70 - 130	02/15/26 18:11	02/17/26 19:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.4		9.98		mg/Kg			02/17/26 00:45	1

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-68287-26

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 17:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 17:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 17:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 11:52	02/17/26 17:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 17:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/16/26 11:52	02/17/26 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	02/16/26 11:52	02/17/26 17:14	1
1,4-Difluorobenzene (Surr)	120		70 - 130	02/16/26 11:52	02/17/26 17:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-68287-26

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/26 17:14	1

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			02/17/26 19:52	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		02/15/26 18:11	02/17/26 19:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 19:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	145	S1+	70 - 130				02/15/26 18:11	02/17/26 19:52	1
o-Terphenyl (Surr)	148	S1+	70 - 130				02/15/26 18:11	02/17/26 19:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.6		9.94		mg/Kg			02/17/26 01:02	1

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68287-27

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:52	02/17/26 17:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:52	02/17/26 17:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:52	02/17/26 17:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 11:52	02/17/26 17:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:52	02/17/26 17:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 11:52	02/17/26 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				02/16/26 11:52	02/17/26 17:35	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/16/26 11:52	02/17/26 17:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 17:35	1

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			02/17/26 20:22	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		02/15/26 18:11	02/17/26 20:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:11	02/17/26 20:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-5 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-27

Matrix: Solid

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)	<49.8	U	49.8		mg/Kg		02/15/26 18:11	02/17/26 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130				02/15/26 18:11	02/17/26 20:22	1
o-Terphenyl (Surr)	146	S1+	70 - 130				02/15/26 18:11	02/17/26 20:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.8		9.94		mg/Kg			02/17/26 01:08	1

Client Sample ID: S-5 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-28

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:52	02/17/26 17:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:52	02/17/26 17:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:52	02/17/26 17:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 11:52	02/17/26 17:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 11:52	02/17/26 17:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 11:52	02/17/26 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				02/16/26 11:52	02/17/26 17:55	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/16/26 11:52	02/17/26 17:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 17:55	1

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			02/17/26 20:37	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		02/15/26 18:11	02/17/26 20:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:11	02/17/26 20:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:11	02/17/26 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				02/15/26 18:11	02/17/26 20:37	1
o-Terphenyl (Surr)	134	S1+	70 - 130				02/15/26 18:11	02/17/26 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.6		10.0		mg/Kg			02/17/26 01:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68287-29

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:52	02/17/26 18:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:52	02/17/26 18:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:52	02/17/26 18:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 11:52	02/17/26 18:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 11:52	02/17/26 18:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 11:52	02/17/26 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	02/16/26 11:52	02/17/26 18:15	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/16/26 11:52	02/17/26 18:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 18:15	1

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			02/17/26 20:52	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		02/15/26 18:11	02/17/26 20:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 20:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	135	S1+	70 - 130	02/15/26 18:11	02/17/26 20:52	1
o-Terphenyl (Surr)	137	S1+	70 - 130	02/15/26 18:11	02/17/26 20:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.0		10.0		mg/Kg			02/17/26 01:19	1

Client Sample ID: S-5 (4.5')

Lab Sample ID: 880-68287-30

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:52	02/17/26 18:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:52	02/17/26 18:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:52	02/17/26 18:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/16/26 11:52	02/17/26 18:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:52	02/17/26 18:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 11:52	02/17/26 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/16/26 11:52	02/17/26 18:36	1
1,4-Difluorobenzene (Surr)	82		70 - 130	02/16/26 11:52	02/17/26 18:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-5 (4.5')

Lab Sample ID: 880-68287-30

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 18:36	1

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			02/17/26 21:07	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		02/15/26 18:11	02/17/26 21:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:11	02/17/26 21:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:11	02/17/26 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	135	S1+	70 - 130				02/15/26 18:11	02/17/26 21:07	1
o-Terphenyl (Surr)	140	S1+	70 - 130				02/15/26 18:11	02/17/26 21:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.9		10.0		mg/Kg			02/17/26 01:25	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-68287-31

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 07:00	02/18/26 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 07:00	02/18/26 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/18/26 07:00	02/18/26 11:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/18/26 07:00	02/18/26 11:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/26 11:25	1

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			02/17/26 21:21	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	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 21:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 21:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-68287-31

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	150	S1+	70 - 130				02/15/26 18:11	02/17/26 21:21	1
o-Terphenyl (Surr)	157	S1+	70 - 130				02/15/26 18:11	02/17/26 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.0		9.96		mg/Kg			02/17/26 01:30	1

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-68287-32

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 11:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 11:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 11:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 10:53	02/18/26 11:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 11:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 10:53	02/18/26 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/18/26 10:53	02/18/26 11:45	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/18/26 10:53	02/18/26 11:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/18/26 11:45	1

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			02/17/26 21:37	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		02/15/26 18:11	02/17/26 21:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 21:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130				02/15/26 18:11	02/17/26 21:37	1
o-Terphenyl (Surr)	144	S1+	70 - 130				02/15/26 18:11	02/17/26 21:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3		9.92		mg/Kg			02/17/26 01:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68287-33

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 12:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 12:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 12:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/18/26 10:53	02/18/26 12:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 12:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/18/26 10:53	02/18/26 12:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	02/18/26 10:53	02/18/26 12:05	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/18/26 10:53	02/18/26 12:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/18/26 12:05	1

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			02/17/26 21:52	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		02/15/26 18:11	02/17/26 21:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 21:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	S1+	70 - 130	02/15/26 18:11	02/17/26 21:52	1
o-Terphenyl (Surr)	151	S1+	70 - 130	02/15/26 18:11	02/17/26 21:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.7		10.1		mg/Kg			02/17/26 01:53	1

Client Sample ID: S-6 (3')

Lab Sample ID: 880-68287-34

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 12:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 12:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 12:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 10:53	02/18/26 12:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 12:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 10:53	02/18/26 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/18/26 10:53	02/18/26 12:26	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/18/26 10:53	02/18/26 12:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-6 (3')

Lab Sample ID: 880-68287-34

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/18/26 12:26	1

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			02/17/26 22:07	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		02/15/26 18:11	02/17/26 22:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 22:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	S1+	70 - 130				02/15/26 18:11	02/17/26 22:07	1
o-Terphenyl (Surr)	147	S1+	70 - 130				02/15/26 18:11	02/17/26 22:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.9		9.94		mg/Kg			02/17/26 02:10	1

Client Sample ID: S-6 (4')

Lab Sample ID: 880-68287-35

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:53	02/18/26 12:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:53	02/18/26 12:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:53	02/18/26 12:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/18/26 10:53	02/18/26 12:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:53	02/18/26 12:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/18/26 10:53	02/18/26 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/18/26 10:53	02/18/26 12:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/18/26 10:53	02/18/26 12:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/18/26 12:46	1

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			02/17/26 22:21	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	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 22:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 22:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-6 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-35

Matrix: Solid

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)	<49.9	U	49.9		mg/Kg		02/15/26 18:11	02/17/26 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	140	S1+	70 - 130				02/15/26 18:11	02/17/26 22:21	1
o-Terphenyl (Surr)	142	S1+	70 - 130				02/15/26 18:11	02/17/26 22:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.0		9.92		mg/Kg			02/17/26 02:16	1

Client Sample ID: S-6 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-36

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:53	02/18/26 13:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:53	02/18/26 13:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:53	02/18/26 13:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 10:53	02/18/26 13:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:53	02/18/26 13:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 10:53	02/18/26 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/18/26 10:53	02/18/26 13:07	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/18/26 10:53	02/18/26 13:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/26 13:07	1

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			02/17/26 22:36	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	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 22:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 22:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	154	S1+	70 - 130				02/15/26 18:11	02/17/26 22:36	1
o-Terphenyl (Surr)	157	S1+	70 - 130				02/15/26 18:11	02/17/26 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.0		10.1		mg/Kg			02/17/26 02:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-68287-37

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:53	02/18/26 15:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:53	02/18/26 15:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:53	02/18/26 15:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 10:53	02/18/26 15:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:53	02/18/26 15:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 10:53	02/18/26 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/18/26 10:53	02/18/26 15:51	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/18/26 10:53	02/18/26 15:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/26 15:51	1

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			02/18/26 10:02	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	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 10:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 10:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 10:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	S1+	70 - 130	02/15/26 18:52	02/18/26 10:02	1
o-Terphenyl (Surr)	147	S1+	70 - 130	02/15/26 18:52	02/18/26 10:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.4		10.0		mg/Kg			02/17/26 02:27	1

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-68287-38

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 16:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 16:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 16:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 10:53	02/18/26 16:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 16:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 10:53	02/18/26 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/18/26 10:53	02/18/26 16:12	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/18/26 10:53	02/18/26 16:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-68287-38

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/18/26 16:12	1

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			02/18/26 10:49	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		02/15/26 18:52	02/18/26 10:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 10:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	134	S1+	70 - 130				02/15/26 18:52	02/18/26 10:49	1
o-Terphenyl (Surr)	135	S1+	70 - 130				02/15/26 18:52	02/18/26 10:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/17/26 02:32	1

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68287-39

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 16:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 16:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 16:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/18/26 10:53	02/18/26 16:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 16:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/18/26 10:53	02/18/26 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/18/26 10:53	02/18/26 16:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/18/26 10:53	02/18/26 16:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/18/26 16:32	1

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			02/18/26 11:03	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	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 11:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 11:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-7 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-39

Matrix: Solid

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)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 11:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				02/15/26 18:52	02/18/26 11:03	1
o-Terphenyl (Surr)	130		70 - 130				02/15/26 18:52	02/18/26 11:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 02:38	1

Client Sample ID: S-7 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-40

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 16:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 16:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 16:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 10:53	02/18/26 16:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 16:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 10:53	02/18/26 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/18/26 10:53	02/18/26 16:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/18/26 10:53	02/18/26 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/18/26 16:52	1

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			02/18/26 11:19	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	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 11:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 11:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				02/15/26 18:52	02/18/26 11:19	1
o-Terphenyl (Surr)	131	S1+	70 - 130				02/15/26 18:52	02/18/26 11:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.5		9.90		mg/Kg			02/17/26 02:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68287-41

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 16:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 16:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 16:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 13:31	02/17/26 16:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 16:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 13:31	02/17/26 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/16/26 13:31	02/17/26 16:07	1
1,4-Difluorobenzene (Surr)	108		70 - 130	02/16/26 13:31	02/17/26 16:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 16:07	1

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			02/18/26 11:34	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		02/15/26 18:52	02/18/26 11:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 11:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130	02/15/26 18:52	02/18/26 11:34	1
o-Terphenyl (Surr)	135	S1+	70 - 130	02/15/26 18:52	02/18/26 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/17/26 03:29	1

Client Sample ID: S-7 (4.5')

Lab Sample ID: 880-68287-42

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 13:31	02/17/26 16:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 13:31	02/17/26 16:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/16/26 13:31	02/17/26 16:28	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/16/26 13:31	02/17/26 16:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 13:31	02/17/26 16:28	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/16/26 13:31	02/17/26 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	02/16/26 13:31	02/17/26 16:28	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/16/26 13:31	02/17/26 16:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-7 (4.5')

Lab Sample ID: 880-68287-42

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/17/26 16:28	1

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			02/18/26 11:49	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		02/15/26 18:52	02/18/26 11:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 11:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				02/15/26 18:52	02/18/26 11:49	1
o-Terphenyl (Surr)	135	S1+	70 - 130				02/15/26 18:52	02/18/26 11:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/17/26 03:46	1

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-68287-43

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 13:31	02/17/26 16:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 13:31	02/17/26 16:48	1
Ethylbenzene	0.00210		0.00201		mg/Kg		02/16/26 13:31	02/17/26 16:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 13:31	02/17/26 16:48	1
o-Xylene	0.00203		0.00201		mg/Kg		02/16/26 13:31	02/17/26 16:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 13:31	02/17/26 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				02/16/26 13:31	02/17/26 16:48	1
1,4-Difluorobenzene (Surr)	110		70 - 130				02/16/26 13:31	02/17/26 16:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00413		0.00402		mg/Kg			02/17/26 16:48	1

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			02/18/26 12:04	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		02/15/26 18:52	02/18/26 12:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 12:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-68287-43

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 12:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130				02/15/26 18:52	02/18/26 12:04	1
o-Terphenyl (Surr)	134	S1+	70 - 130				02/15/26 18:52	02/18/26 12:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/17/26 03:51	1

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-68287-44

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/16/26 13:31	02/17/26 17:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 13:31	02/17/26 17:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 13:31	02/17/26 17:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 13:31	02/17/26 17:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 13:31	02/17/26 17:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 13:31	02/17/26 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	228	S1+	70 - 130				02/16/26 13:31	02/17/26 17:09	1
1,4-Difluorobenzene (Surr)	143	S1+	70 - 130				02/16/26 13:31	02/17/26 17:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 17:09	1

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			02/18/26 12:19	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		02/15/26 18:52	02/18/26 12:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 12:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				02/15/26 18:52	02/18/26 12:19	1
o-Terphenyl (Surr)	125		70 - 130				02/15/26 18:52	02/18/26 12:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/17/26 03:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-8 (2')

Lab Sample ID: 880-68287-45

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 17:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 17:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 17:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 13:31	02/17/26 17:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 17:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 13:31	02/17/26 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/16/26 13:31	02/17/26 17:29	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/16/26 13:31	02/17/26 17:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 17:29	1

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			02/18/26 12:34	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		02/15/26 18:52	02/18/26 12:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 12:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 12:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130	02/15/26 18:52	02/18/26 12:34	1
o-Terphenyl (Surr)	138	S1+	70 - 130	02/15/26 18:52	02/18/26 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/17/26 04:03	1

Client Sample ID: S-8 (3')

Lab Sample ID: 880-68287-46

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 17:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 17:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 17:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 13:31	02/17/26 17:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 17:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/16/26 13:31	02/17/26 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	02/16/26 13:31	02/17/26 17:49	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/16/26 13:31	02/17/26 17:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-8 (3')

Lab Sample ID: 880-68287-46

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/26 17:49	1

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			02/18/26 12:49	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		02/15/26 18:52	02/18/26 12:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 12:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				02/15/26 18:52	02/18/26 12:49	1
o-Terphenyl (Surr)	133	S1+	70 - 130				02/15/26 18:52	02/18/26 12:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 04:20	1

Client Sample ID: S-8 (4')

Lab Sample ID: 880-68287-47

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 13:31	02/17/26 18:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 13:31	02/17/26 18:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 13:31	02/17/26 18:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 13:31	02/17/26 18:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/16/26 13:31	02/17/26 18:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 13:31	02/17/26 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				02/16/26 13:31	02/17/26 18:10	1
1,4-Difluorobenzene (Surr)	114		70 - 130				02/16/26 13:31	02/17/26 18:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 18:10	1

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			02/18/26 13:20	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	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 13:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 13:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-8 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-47

Matrix: Solid

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)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130				02/15/26 18:52	02/18/26 13:20	1
o-Terphenyl (Surr)	137	S1+	70 - 130				02/15/26 18:52	02/18/26 13:20	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			02/17/26 04:25	1

Client Sample ID: S-8 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-48

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 18:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 18:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 18:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/16/26 13:31	02/17/26 18:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 18:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/16/26 13:31	02/17/26 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				02/16/26 13:31	02/17/26 18:31	1
1,4-Difluorobenzene (Surr)	116		70 - 130				02/16/26 13:31	02/17/26 18:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/17/26 18:31	1

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			02/18/26 13:35	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	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 13:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 13:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				02/15/26 18:52	02/18/26 13:35	1
o-Terphenyl (Surr)	127		70 - 130				02/15/26 18:52	02/18/26 13:35	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			02/17/26 04:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-68287-49

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 18:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 18:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 13:31	02/17/26 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 13:31	02/17/26 18:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 13:31	02/17/26 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	02/16/26 13:31	02/17/26 18:51	1
1,4-Difluorobenzene (Surr)	55	S1-	70 - 130	02/16/26 13:31	02/17/26 18:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 18:51	1

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			02/18/26 13:50	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		02/15/26 18:52	02/18/26 13:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 13:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130	02/15/26 18:52	02/18/26 13:50	1
o-Terphenyl (Surr)	137	S1+	70 - 130	02/15/26 18:52	02/18/26 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/17/26 04:37	1

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-68287-50

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 13:31	02/17/26 19:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 13:31	02/17/26 19:12	1
Ethylbenzene	0.00234		0.00198		mg/Kg		02/16/26 13:31	02/17/26 19:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/16/26 13:31	02/17/26 19:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 13:31	02/17/26 19:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 13:31	02/17/26 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	02/16/26 13:31	02/17/26 19:12	1
1,4-Difluorobenzene (Surr)	127		70 - 130	02/16/26 13:31	02/17/26 19:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-68287-50

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 19:12	1

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			02/18/26 14:06	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		02/15/26 18:52	02/18/26 14:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 14:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130				02/15/26 18:52	02/18/26 14:06	1
o-Terphenyl (Surr)	139	S1+	70 - 130				02/15/26 18:52	02/18/26 14:06	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			02/17/26 04:42	1

Client Sample ID: S-9 (2')

Lab Sample ID: 880-68287-51

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/17/26 08:28	02/17/26 14:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/17/26 08:28	02/17/26 14:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/17/26 08:28	02/17/26 14:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/17/26 08:28	02/17/26 14:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/17/26 08:28	02/17/26 14:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/17/26 08:28	02/17/26 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				02/17/26 08:28	02/17/26 14:54	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/17/26 08:28	02/17/26 14:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 14:54	1

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			02/18/26 14:21	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		02/15/26 18:52	02/18/26 14:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 14:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-9 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-51

Matrix: Solid

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)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130				02/15/26 18:52	02/18/26 14:21	1
o-Terphenyl (Surr)	147	S1+	70 - 130				02/15/26 18:52	02/18/26 14:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 04:48	1

Client Sample ID: S-9 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-52

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/17/26 08:28	02/17/26 15:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/17/26 08:28	02/17/26 15:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/17/26 08:28	02/17/26 15:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/17/26 08:28	02/17/26 15:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/17/26 08:28	02/17/26 15:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/17/26 08:28	02/17/26 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/17/26 08:28	02/17/26 15:14	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/17/26 08:28	02/17/26 15:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 15:14	1

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			02/18/26 14:35	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	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 14:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/26 18:52	02/18/26 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				02/15/26 18:52	02/18/26 14:35	1
o-Terphenyl (Surr)	136	S1+	70 - 130				02/15/26 18:52	02/18/26 14:35	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			02/17/26 05:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-9 (4')

Lab Sample ID: 880-68287-53

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/17/26 08:28	02/17/26 15:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/17/26 08:28	02/17/26 15:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/17/26 08:28	02/17/26 15:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/17/26 08:28	02/17/26 15:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/17/26 08:28	02/17/26 15:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/17/26 08:28	02/17/26 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/17/26 08:28	02/17/26 15:35	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/17/26 08:28	02/17/26 15:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 15:35	1

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			02/18/26 14:51	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		02/15/26 18:52	02/18/26 14:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 14:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:52	02/18/26 14:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	02/15/26 18:52	02/18/26 14:51	1
o-Terphenyl (Surr)	133	S1+	70 - 130	02/15/26 18:52	02/18/26 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 05:10	1

Client Sample ID: S-9 (4.5')

Lab Sample ID: 880-68287-54

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/17/26 08:28	02/17/26 15:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/17/26 08:28	02/17/26 15:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/17/26 08:28	02/17/26 15:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/17/26 08:28	02/17/26 15:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/17/26 08:28	02/17/26 15:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/17/26 08:28	02/17/26 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/17/26 08:28	02/17/26 15:55	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/17/26 08:28	02/17/26 15:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-9 (4.5')

Lab Sample ID: 880-68287-54

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 15:55	1

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			02/18/26 15:05	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		02/15/26 18:52	02/18/26 15:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 15:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:52	02/18/26 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130	02/15/26 18:52	02/18/26 15:05	1
o-Terphenyl (Surr)	131	S1+	70 - 130	02/15/26 18:52	02/18/26 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		9.90		mg/Kg			02/17/26 05:27	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-68272-A-1-C MS	Matrix Spike	95	99
880-68272-A-1-D MSD	Matrix Spike Duplicate	122	102
880-68274-A-10-D MS	Matrix Spike	101	116
880-68274-A-10-E MSD	Matrix Spike Duplicate	101	116
880-68275-A-1-C MS	Matrix Spike	137 S1+	84
880-68275-A-1-D MSD	Matrix Spike Duplicate	132 S1+	83
880-68287-1	S-1 (0-1')	103	97
880-68287-1 MS	S-1 (0-1')	98	96
880-68287-1 MSD	S-1 (0-1')	98	98
880-68287-2	S-1 (1.5')	96	99
880-68287-3	S-1 (2')	97	99
880-68287-4	S-1 (3')	85	92
880-68287-5	S-1 (4')	96	97
880-68287-6	S-1 (4.5')	100	95
880-68287-7	S-2 (0-1')	91	97
880-68287-8	S-2 (1.5')	100	99
880-68287-9	S-2 (2')	93	93
880-68287-10	S-2 (3')	95	98
880-68287-11	S-2 (4')	102	97
880-68287-12	S-2 (4.5')	96	95
880-68287-13	S-3 (0-1')	96	97
880-68287-14	S-3 (1.5')	100	98
880-68287-15	S-3 (2')	98	93
880-68287-16	S-3 (3')	88	88
880-68287-17	S-3 (4')	96	99
880-68287-18	S-3 (4.5')	108	90
880-68287-19	S-4 (0-1')	102	98
880-68287-20	S-4 (1.5')	141 S1+	91
880-68287-21	S-4 (2')	116	96
880-68287-21 MS	S-4 (2')	129	87
880-68287-21 MSD	S-4 (2')	121	85
880-68287-22	S-4 (3')	130	89
880-68287-23	S-4 (4')	133 S1+	90
880-68287-24	S-4 (4.5')	147 S1+	91
880-68287-25	S-5 (0-1')	135 S1+	90
880-68287-26	S-5 (1.5')	143 S1+	120
880-68287-27	S-5 (2')	140 S1+	91
880-68287-28	S-5 (3')	90	89
880-68287-29	S-5 (4')	138 S1+	91
880-68287-30	S-5 (4.5')	102	82
880-68287-31	S-6 (0-1')	107	100
880-68287-31 MS	S-6 (0-1')	106	96
880-68287-31 MSD	S-6 (0-1')	102	97
880-68287-32	S-6 (1.5')	111	100
880-68287-33	S-6 (2')	107	101
880-68287-34	S-6 (3')	111	100
880-68287-35	S-6 (4')	105	99
880-68287-36	S-6 (4.5')	110	99
880-68287-37	S-7 (0-1')	112	102

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-68287-38	S-7 (1.5')	104	100
880-68287-39	S-7 (2')	108	100
880-68287-40	S-7 (3')	106	99
880-68287-41	S-7 (4')	109	108
880-68287-42	S-7 (4.5')	128	103
880-68287-43	S-8 (0-1')	132 S1+	110
880-68287-44	S-8 (1.5')	228 S1+	143 S1+
880-68287-45	S-8 (2')	116	106
880-68287-46	S-8 (3')	122	110
880-68287-47	S-8 (4')	123	114
880-68287-48	S-8 (4.5')	142 S1+	116
880-68287-49	S-9 (0-1')	159 S1+	55 S1-
880-68287-50	S-9 (1.5')	163 S1+	127
880-68287-51	S-9 (2')	103	113
880-68287-52	S-9 (3')	105	113
880-68287-53	S-9 (4')	108	109
880-68287-54	S-9 (4.5')	110	116
LCS 880-131925/1-A	Lab Control Sample	103	95
LCS 880-131927/1-A	Lab Control Sample	119	81
LCS 880-131957/1-A	Lab Control Sample	100	86
LCS 880-132051/1-A	Lab Control Sample	102	111
LCS 880-132216/1-A	Lab Control Sample	99	99
LCS 880-132225/1-A	Lab Control Sample	101	81
LCSD 880-131925/2-A	Lab Control Sample Dup	98	98
LCSD 880-131927/2-A	Lab Control Sample Dup	127	91
LCSD 880-131957/2-A	Lab Control Sample Dup	110	81
LCSD 880-132051/2-A	Lab Control Sample Dup	105	122
LCSD 880-132216/2-A	Lab Control Sample Dup	100	99
LCSD 880-132225/2-A	Lab Control Sample Dup	99	85
MB 880-131925/5-A	Method Blank	97	94
MB 880-131927/5-A	Method Blank	131 S1+	84
MB 880-131957/5-A	Method Blank	203 S1+	109
MB 880-132051/5-A	Method Blank	100	111
MB 880-132216/5-A	Method Blank	103	96
MB 880-132225/5-A	Method Blank	127	84

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-68275-A-9-B MS	Matrix Spike	93	101
880-68275-A-9-C MSD	Matrix Spike Duplicate	94	102
880-68287-1	S-1 (0-1')	94	97
880-68287-2	S-1 (1.5')	116	117
880-68287-3	S-1 (2')	123	125

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-68287-1

Project/Site: Lea Federal Unit West Battery

SDG: 3136

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68287-4	S-1 (3')	108	114
880-68287-5	S-1 (4')	106	114
880-68287-6	S-1 (4.5')	99	105
880-68287-7	S-2 (0-1')	101	104
880-68287-8	S-2 (1.5')	112	113
880-68287-9	S-2 (2')	101	105
880-68287-10	S-2 (3')	123	122
880-68287-11	S-2 (4')	122	126
880-68287-12	S-2 (4.5')	125	125
880-68287-13	S-3 (0-1')	116	117
880-68287-14	S-3 (1.5')	118	119
880-68287-15	S-3 (2')	120	122
880-68287-16	S-3 (3')	132 S1+	133 S1+
880-68287-17	S-3 (4')	141 S1+	146 S1+
880-68287-17 MS	S-3 (4')	124	138 S1+
880-68287-17 MSD	S-3 (4')	155 S1+	137 S1+
880-68287-18	S-3 (4.5')	138 S1+	144 S1+
880-68287-19	S-4 (0-1')	123	127
880-68287-20	S-4 (1.5')	127	129
880-68287-21	S-4 (2')	139 S1+	142 S1+
880-68287-22	S-4 (3')	125	129
880-68287-23	S-4 (4')	142 S1+	145 S1+
880-68287-24	S-4 (4.5')	144 S1+	148 S1+
880-68287-25	S-5 (0-1')	140 S1+	142 S1+
880-68287-26	S-5 (1.5')	145 S1+	148 S1+
880-68287-27	S-5 (2')	139 S1+	146 S1+
880-68287-28	S-5 (3')	129	134 S1+
880-68287-29	S-5 (4')	135 S1+	137 S1+
880-68287-30	S-5 (4.5')	135 S1+	140 S1+
880-68287-31	S-6 (0-1')	150 S1+	157 S1+
880-68287-32	S-6 (1.5')	139 S1+	144 S1+
880-68287-33	S-6 (2')	147 S1+	151 S1+
880-68287-34	S-6 (3')	144 S1+	147 S1+
880-68287-35	S-6 (4')	140 S1+	142 S1+
880-68287-36	S-6 (4.5')	154 S1+	157 S1+
880-68287-37	S-7 (0-1')	147 S1+	147 S1+
880-68287-37 MS	S-7 (0-1')	126	135 S1+
880-68287-37 MSD	S-7 (0-1')	155 S1+	134 S1+
880-68287-38	S-7 (1.5')	134 S1+	135 S1+
880-68287-39	S-7 (2')	125	130
880-68287-40	S-7 (3')	126	131 S1+
880-68287-41	S-7 (4')	130	135 S1+
880-68287-42	S-7 (4.5')	127	135 S1+
880-68287-43	S-8 (0-1')	128	134 S1+
880-68287-44	S-8 (1.5')	120	125
880-68287-45	S-8 (2')	130	138 S1+
880-68287-46	S-8 (3')	129	133 S1+
880-68287-47	S-8 (4')	133 S1+	137 S1+
880-68287-48	S-8 (4.5')	123	127
880-68287-49	S-9 (0-1')	133 S1+	137 S1+

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-68287-1

Project/Site: Lea Federal Unit West Battery

SDG: 3136

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-68287-50	S-9 (1.5')	139 S1+	139 S1+
880-68287-51	S-9 (2')	139 S1+	147 S1+
880-68287-52	S-9 (3')	127	136 S1+
880-68287-53	S-9 (4')	127	133 S1+
880-68287-54	S-9 (4.5')	126	131 S1+
LCS 880-131836/2-A	Lab Control Sample	94	99
LCS 880-131837/2-A	Lab Control Sample	143 S1+	130
LCS 880-131848/2-A	Lab Control Sample	146 S1+	128
LCSD 880-131836/3-A	Lab Control Sample Dup	94	99
LCSD 880-131837/3-A	Lab Control Sample Dup	142 S1+	125
LCSD 880-131848/3-A	Lab Control Sample Dup	118	129
MB 880-131836/1-A	Method Blank	128	136 S1+
MB 880-131837/1-A	Method Blank	165 S1+	175 S1+
MB 880-131848/1-A	Method Blank	160 S1+	177 S1+
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131925/5-A

Matrix: Solid

Analysis Batch: 132052

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131925

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 13:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 13:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 13:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 11:49	02/17/26 13:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:49	02/17/26 13:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 11:49	02/17/26 13:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/16/26 11:49	02/17/26 13:51	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/16/26 11:49	02/17/26 13:51	1

Lab Sample ID: LCS 880-131925/1-A

Matrix: Solid

Analysis Batch: 132052

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09789		mg/Kg		98	70 - 130
Toluene	0.100	0.1085		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.09538		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1977		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09613		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-131925/2-A

Matrix: Solid

Analysis Batch: 132052

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131925

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09922		mg/Kg		99	70 - 130	1	35
Toluene	0.100	0.1065		mg/Kg		107	70 - 130	2	35
Ethylbenzene	0.100	0.09351		mg/Kg		94	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1912		mg/Kg		96	70 - 130	3	35
o-Xylene	0.100	0.09319		mg/Kg		93	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-68287-1 MS

Matrix: Solid

Analysis Batch: 132052

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 131925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09259		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.09834		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: 880-68287-1 MS

Matrix: Solid

Analysis Batch: 132052

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 131925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08689		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1784		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U	0.100	0.08730		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-68287-1 MSD

Matrix: Solid

Analysis Batch: 132052

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 131925

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09366		mg/Kg		94	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.1003		mg/Kg		100	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08765		mg/Kg		88	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1789		mg/Kg		89	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.08727		mg/Kg		87	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-131927/5-A

Matrix: Solid

Analysis Batch: 132048

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131927

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 15:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 15:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 15:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 11:52	02/17/26 15:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:52	02/17/26 15:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 11:52	02/17/26 15:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/16/26 11:52	02/17/26 15:10	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/16/26 11:52	02/17/26 15:10	1

Lab Sample ID: LCS 880-131927/1-A

Matrix: Solid

Analysis Batch: 132048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131927

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1016		mg/Kg		102	70 - 130
Toluene	0.100	0.09747		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09079		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1952		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: LCS 880-131927/1-A

Matrix: Solid

Analysis Batch: 132048

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131927

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1067		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-131927/2-A

Matrix: Solid

Analysis Batch: 132048

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131927

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1095		mg/Kg		110	70 - 130	8	35
Toluene	0.100	0.1056		mg/Kg		106	70 - 130	8	35
Ethylbenzene	0.100	0.09827		mg/Kg		98	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2140		mg/Kg		107	70 - 130	9	35
o-Xylene	0.100	0.1158		mg/Kg		116	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-68287-21 MS

Matrix: Solid

Analysis Batch: 132048

Client Sample ID: S-4 (2')

Prep Type: Total/NA

Prep Batch: 131927

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1008		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.09752		mg/Kg		98	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09434		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2026		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.1092		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-68287-21 MSD

Matrix: Solid

Analysis Batch: 132048

Client Sample ID: S-4 (2')

Prep Type: Total/NA

Prep Batch: 131927

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09671		mg/Kg		97	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09183		mg/Kg		92	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.08807		mg/Kg		88	70 - 130	7	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1884		mg/Kg		94	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.1022		mg/Kg		102	70 - 130	7	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: 880-68287-21 MSD

Matrix: Solid

Analysis Batch: 132048

Client Sample ID: S-4 (2')

Prep Type: Total/NA

Prep Batch: 131927

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: MB 880-131957/5-A

Matrix: Solid

Analysis Batch: 132047

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131957

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 10:43	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 10:43	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 10:43	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 13:31	02/17/26 10:43	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:31	02/17/26 10:43	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 13:31	02/17/26 10:43	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130				02/16/26 13:31	02/17/26 10:43	1	
1,4-Difluorobenzene (Surr)	109		70 - 130				02/16/26 13:31	02/17/26 10:43	1	

Lab Sample ID: LCS 880-131957/1-A

Matrix: Solid

Analysis Batch: 132047

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131957

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.08417		mg/Kg		84	70 - 130			
Toluene	0.100	0.08320		mg/Kg		83	70 - 130			
Ethylbenzene	0.100	0.08087		mg/Kg		81	70 - 130			
m-Xylene & p-Xylene	0.200	0.1911		mg/Kg		96	70 - 130			
o-Xylene	0.100	0.09664		mg/Kg		97	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	100		70 - 130							
1,4-Difluorobenzene (Surr)	86		70 - 130							

Lab Sample ID: LCSD 880-131957/2-A

Matrix: Solid

Analysis Batch: 132047

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131957

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.08232		mg/Kg		82	70 - 130	2	35	
Toluene	0.100	0.08894		mg/Kg		89	70 - 130	7	35	
Ethylbenzene	0.100	0.08245		mg/Kg		82	70 - 130	2	35	
m-Xylene & p-Xylene	0.200	0.1813		mg/Kg		91	70 - 130	5	35	
o-Xylene	0.100	0.1101		mg/Kg		110	70 - 130	13	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	110		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: LCSD 880-131957/2-A

Matrix: Solid

Analysis Batch: 132047

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131957

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: 880-68272-A-1-C MS

Matrix: Solid

Analysis Batch: 132047

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131957

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.08719		mg/Kg		87	70 - 130	
Toluene	<0.00200	U	0.100	0.07932		mg/Kg		79	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.08213		mg/Kg		82	70 - 130	
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1801		mg/Kg		90	70 - 130	
o-Xylene	0.00725		0.100	0.09632		mg/Kg		89	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-68272-A-1-D MSD

Matrix: Solid

Analysis Batch: 132047

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131957

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.100	0.08691		mg/Kg		87	70 - 130	0	35	
Toluene	<0.00200	U	0.100	0.08429		mg/Kg		84	70 - 130	6	35	
Ethylbenzene	<0.00200	U	0.100	0.08768		mg/Kg		88	70 - 130	7	35	
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2077		mg/Kg		104	70 - 130	14	35	
o-Xylene	0.00725		0.100	0.1018		mg/Kg		95	70 - 130	6	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-132051/5-A

Matrix: Solid

Analysis Batch: 132046

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132051

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:28	02/17/26 09:43	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:28	02/17/26 09:43	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:28	02/17/26 09:43	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/17/26 08:28	02/17/26 09:43	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:28	02/17/26 09:43	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/17/26 08:28	02/17/26 09:43	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	100		70 - 130	02/17/26 08:28	02/17/26 09:43	1				
1,4-Difluorobenzene (Surr)	111		70 - 130	02/17/26 08:28	02/17/26 09:43	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: LCS 880-132051/1-A

Matrix: Solid

Analysis Batch: 132046

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132051

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09443		mg/Kg		94	70 - 130
Toluene	0.100	0.08986		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09928		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1953		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09526		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-132051/2-A

Matrix: Solid

Analysis Batch: 132046

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132051

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09652		mg/Kg		97	70 - 130	2	35
Toluene	0.100	0.09216		mg/Kg		92	70 - 130	3	35
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1952		mg/Kg		98	70 - 130	0	35
o-Xylene	0.100	0.09571		mg/Kg		96	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Lab Sample ID: 880-68274-A-10-D MS

Matrix: Solid

Analysis Batch: 132046

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09267		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.08809		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09575		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1853		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.100	0.09114		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-68274-A-10-E MSD

Matrix: Solid

Analysis Batch: 132046

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08687		mg/Kg		87	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.08267		mg/Kg		83	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.09227		mg/Kg		92	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: 880-68274-A-10-E MSD

Matrix: Solid

Analysis Batch: 132046

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1776		mg/Kg		89	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.08689		mg/Kg		87	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: MB 880-132216/5-A

Matrix: Solid

Analysis Batch: 132159

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132216

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/18/26 07:00	02/18/26 11:03	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/18/26 07:00	02/18/26 11:03	1

Lab Sample ID: LCS 880-132216/1-A

Matrix: Solid

Analysis Batch: 132159

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09166		mg/Kg		92	70 - 130
Toluene	0.100	0.08575		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.09114		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1822		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09159		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-132216/2-A

Matrix: Solid

Analysis Batch: 132159

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132216

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09683		mg/Kg		97	70 - 130	5	35
Toluene	0.100	0.08813		mg/Kg		88	70 - 130	3	35
Ethylbenzene	0.100	0.09603		mg/Kg		96	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1911		mg/Kg		96	70 - 130	5	35
o-Xylene	0.100	0.09480		mg/Kg		95	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-68287-31 MS

Matrix: Solid

Analysis Batch: 132159

Client Sample ID: S-6 (0-1')

Prep Type: Total/NA

Prep Batch: 132216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09820		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.100	0.09271		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09888		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1987		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09904		mg/Kg		99	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-68287-31 MSD

Matrix: Solid

Analysis Batch: 132159

Client Sample ID: S-6 (0-1')

Prep Type: Total/NA

Prep Batch: 132216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09757		mg/Kg		98	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09110		mg/Kg		91	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09915		mg/Kg		99	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1984		mg/Kg		99	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.09822		mg/Kg		98	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-132225/5-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:20	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	127		70 - 130	02/18/26 07:00	02/18/26 11:20	1			
1,4-Difluorobenzene (Surr)	84		70 - 130	02/18/26 07:00	02/18/26 11:20	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: LCS 880-132225/1-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1162		mg/Kg		116	70 - 130
Toluene	0.100	0.1150		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1127		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	0.200	0.1790		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09012		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-132225/2-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1282		mg/Kg		128	70 - 130	10	35
Toluene	0.100	0.1159		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1090		mg/Kg		109	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1782		mg/Kg		89	70 - 130	0	35
o-Xylene	0.100	0.09045		mg/Kg		90	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-68275-A-1-C MS

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1111		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.100	0.09882		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.1114		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1934		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-68275-A-1-D MSD

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1285		mg/Kg		129	70 - 130	15	35
Toluene	<0.00200	U	0.100	0.1279		mg/Kg		128	70 - 130	26	35
Ethylbenzene	<0.00200	U F1	0.100	0.1355	F1	mg/Kg		135	70 - 130	20	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: 880-68275-A-1-D MSD

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2427		mg/Kg		121	70 - 130	23	35
o-Xylene	<0.00200	U	0.100	0.1229		mg/Kg		123	70 - 130	20	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	83		70 - 130								

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

Lab Sample ID: MB 880-131836/1-A

Matrix: Solid

Analysis Batch: 132065

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131836

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		02/15/26 18:08	02/17/26 16:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 16:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:08	02/17/26 16:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130				02/15/26 18:08	02/17/26 16:14	1
o-Terphenyl (Surr)	136	S1+	70 - 130				02/15/26 18:08	02/17/26 16:14	1

Lab Sample ID: LCS 880-131836/2-A

Matrix: Solid

Analysis Batch: 132065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	974.2		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	989.5		mg/Kg		99	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	94		70 - 130						
o-Terphenyl (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-131836/3-A

Matrix: Solid

Analysis Batch: 132065

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131836

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	950.2		mg/Kg		95	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	948.9		mg/Kg		95	70 - 130	4	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: LCSD 880-131836/3-A

Matrix: Solid

Analysis Batch: 132065

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131836

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 880-68275-A-9-B MS

Matrix: Solid

Analysis Batch: 132065

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131836

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	901.6		mg/Kg		90	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	864.7		mg/Kg		86	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	93		70 - 130							
o-Terphenyl (Surr)	101		70 - 130							

Lab Sample ID: 880-68275-A-9-C MSD

Matrix: Solid

Analysis Batch: 132065

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131836

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	906.5		mg/Kg		90	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	873.6		mg/Kg		87	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	94		70 - 130									
o-Terphenyl (Surr)	102		70 - 130									

Lab Sample ID: MB 880-131837/1-A

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131837

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 16:14	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 16:14	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:11	02/17/26 16:14	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane (Surr)	165	S1+	70 - 130				02/15/26 18:11	02/17/26 16:14	1		
o-Terphenyl (Surr)	175	S1+	70 - 130				02/15/26 18:11	02/17/26 16:14	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: LCS 880-131837/2-A

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131837

Analyte			Spike	LCS	LCS	Unit	D	%Rec		
			Added	Result	Qualifier			Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1091		mg/Kg		109	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	957.7		mg/Kg		96	70 - 130	
		LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	143	S1+	70 - 130							
o-Terphenyl (Surr)	130		70 - 130							

Lab Sample ID: LCSD 880-131837/3-A

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131837

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1090		mg/Kg		109	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	931.0		mg/Kg		93	70 - 130	3	20
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane (Surr)	142	S1+	70 - 130								
o-Terphenyl (Surr)	125		70 - 130								

Lab Sample ID: 880-68287-17 MS

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: S-3 (4')

Prep Type: Total/NA

Prep Batch: 131837

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	1143		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	<50.2	U	999	1069		mg/Kg		105	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	124		70 - 130						
o-Terphenyl (Surr)	138	S1+	70 - 130						

Lab Sample ID: 880-68287-17 MSD

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: S-3 (4')

Prep Type: Total/NA

Prep Batch: 131837

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	1158		mg/Kg		116	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.2	U	999	1019		mg/Kg		100	70 - 130	5	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	155	S1+	70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: 880-68287-17 MSD

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: S-3 (4')

Prep Type: Total/NA

Prep Batch: 131837

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	137	S1+	70 - 130

Lab Sample ID: MB 880-131848/1-A

Matrix: Solid

Analysis Batch: 132165

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131848

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/26 18:51	02/18/26 06:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:51	02/18/26 06:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:51	02/18/26 06:09	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	160	S1+	70 - 130				02/15/26 18:51	02/18/26 06:09	1
<i>o</i> -Terphenyl (Surr)	177	S1+	70 - 130				02/15/26 18:51	02/18/26 06:09	1

Lab Sample ID: LCS 880-131848/2-A

Matrix: Solid

Analysis Batch: 132165

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1138		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	935.5		mg/Kg		94	70 - 130
Surrogate	LCS	LCS	Limits				
1-Chlorooctane (Surr)	146	S1+	70 - 130				
<i>o</i> -Terphenyl (Surr)	128		70 - 130				

Lab Sample ID: LCSD 880-131848/3-A

Matrix: Solid

Analysis Batch: 132165

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131848

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1132		mg/Kg		113	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1033		mg/Kg		103	70 - 130	10	20
Surrogate	LCSD	LCSD	Limits						
1-Chlorooctane (Surr)	118		70 - 130						
<i>o</i> -Terphenyl (Surr)	129		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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

Lab Sample ID: 880-68287-37 MS

Matrix: Solid

Analysis Batch: 132165

Client Sample ID: S-7 (0-1')

Prep Type: Total/NA

Prep Batch: 131848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1116		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1029		mg/Kg		101	70 - 130		
	MS %Recovery	MS Qualifier									
Surrogate											
1-Chlorooctane (Surr)	126										
o-Terphenyl (Surr)	135	S1+									

Lab Sample ID: 880-68287-37 MSD

Matrix: Solid

Analysis Batch: 132165

Client Sample ID: S-7 (0-1')

Prep Type: Total/NA

Prep Batch: 131848

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	<49.8	U	999	1131		mg/Kg		113	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	961.9		mg/Kg		94	70 - 130	7	20
	MSD %Recovery	MSD Qualifier									
Surrogate											
1-Chlorooctane (Surr)	155	S1+									
o-Terphenyl (Surr)	134	S1+									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131970/1-A

Matrix: Solid

Analysis Batch: 131981

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			02/16/26 21:31	1

Lab Sample ID: LCS 880-131970/2-A

Matrix: Solid

Analysis Batch: 131981

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	236.0		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-131970/3-A

Matrix: Solid

Analysis Batch: 131981

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	235.9		mg/Kg		94	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68287-1 MS

Matrix: Solid

Analysis Batch: 131981

Client Sample ID: S-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	13.1		250	251.5		mg/Kg		96	90 - 110		

Lab Sample ID: 880-68287-1 MSD

Matrix: Solid

Analysis Batch: 131981

Client Sample ID: S-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.1		250	252.0		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-68287-11 MS

Matrix: Solid

Analysis Batch: 131981

Client Sample ID: S-2 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	114		250	370.3		mg/Kg		102	90 - 110		

Lab Sample ID: 880-68287-11 MSD

Matrix: Solid

Analysis Batch: 131981

Client Sample ID: S-2 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	114		250	370.9		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-131971/1-A

Matrix: Solid

Analysis Batch: 131983

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			02/16/26 23:55	1

Lab Sample ID: LCS 880-131971/2-A

Matrix: Solid

Analysis Batch: 131983

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	234.6		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-131971/3-A

Matrix: Solid

Analysis Batch: 131983

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	234.5		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-68287-21 MS

Matrix: Solid

Analysis Batch: 131983

Client Sample ID: S-4 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	46.7		253	288.0		mg/Kg		96	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68287-21 MSD

Matrix: Solid

Analysis Batch: 131983

Client Sample ID: S-4 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	46.7		253	287.5		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-68287-31 MS

Matrix: Solid

Analysis Batch: 131983

Client Sample ID: S-6 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	30.0		249	268.8		mg/Kg		96	90 - 110		

Lab Sample ID: 880-68287-31 MSD

Matrix: Solid

Analysis Batch: 131983

Client Sample ID: S-6 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	30.0		249	269.2		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-131973/1-A

Matrix: Solid

Analysis Batch: 131984

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			02/17/26 03:12	1

Lab Sample ID: LCS 880-131973/2-A

Matrix: Solid

Analysis Batch: 131984

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	235.9		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-131973/3-A

Matrix: Solid

Analysis Batch: 131984

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	236.8		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-68287-41 MS

Matrix: Solid

Analysis Batch: 131984

Client Sample ID: S-7 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<9.94	U	249	243.9		mg/Kg		95	90 - 110		

Lab Sample ID: 880-68287-41 MSD

Matrix: Solid

Analysis Batch: 131984

Client Sample ID: S-7 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.94	U	249	243.7		mg/Kg		95	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68287-51 MS

Matrix: Solid

Analysis Batch: 131984

Client Sample ID: S-9 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.0	U	250	245.4		mg/Kg		97	90 - 110		

Lab Sample ID: 880-68287-51 MSD

Matrix: Solid

Analysis Batch: 131984

Client Sample ID: S-9 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	250	246.4		mg/Kg		97	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC VOA

Prep Batch: 131925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-1	S-1 (0-1')	Total/NA	Solid	5035	
880-68287-2	S-1 (1.5')	Total/NA	Solid	5035	
880-68287-3	S-1 (2')	Total/NA	Solid	5035	
880-68287-4	S-1 (3')	Total/NA	Solid	5035	
880-68287-5	S-1 (4')	Total/NA	Solid	5035	
880-68287-6	S-1 (4.5')	Total/NA	Solid	5035	
880-68287-7	S-2 (0-1')	Total/NA	Solid	5035	
880-68287-8	S-2 (1.5')	Total/NA	Solid	5035	
880-68287-9	S-2 (2')	Total/NA	Solid	5035	
880-68287-10	S-2 (3')	Total/NA	Solid	5035	
880-68287-11	S-2 (4')	Total/NA	Solid	5035	
880-68287-12	S-2 (4.5')	Total/NA	Solid	5035	
880-68287-13	S-3 (0-1')	Total/NA	Solid	5035	
880-68287-14	S-3 (1.5')	Total/NA	Solid	5035	
880-68287-15	S-3 (2')	Total/NA	Solid	5035	
880-68287-16	S-3 (3')	Total/NA	Solid	5035	
880-68287-17	S-3 (4')	Total/NA	Solid	5035	
880-68287-18	S-3 (4.5')	Total/NA	Solid	5035	
880-68287-19	S-4 (0-1')	Total/NA	Solid	5035	
MB 880-131925/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131925/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131925/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68287-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-68287-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 131927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-21	S-4 (2')	Total/NA	Solid	5035	
880-68287-22	S-4 (3')	Total/NA	Solid	5035	
880-68287-23	S-4 (4')	Total/NA	Solid	5035	
880-68287-24	S-4 (4.5')	Total/NA	Solid	5035	
880-68287-25	S-5 (0-1')	Total/NA	Solid	5035	
880-68287-26	S-5 (1.5')	Total/NA	Solid	5035	
880-68287-27	S-5 (2')	Total/NA	Solid	5035	
880-68287-28	S-5 (3')	Total/NA	Solid	5035	
880-68287-29	S-5 (4')	Total/NA	Solid	5035	
880-68287-30	S-5 (4.5')	Total/NA	Solid	5035	
MB 880-131927/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131927/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131927/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68287-21 MS	S-4 (2')	Total/NA	Solid	5035	
880-68287-21 MSD	S-4 (2')	Total/NA	Solid	5035	

Prep Batch: 131957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-41	S-7 (4')	Total/NA	Solid	5035	
880-68287-42	S-7 (4.5')	Total/NA	Solid	5035	
880-68287-43	S-8 (0-1')	Total/NA	Solid	5035	
880-68287-44	S-8 (1.5')	Total/NA	Solid	5035	
880-68287-45	S-8 (2')	Total/NA	Solid	5035	
880-68287-46	S-8 (3')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC VOA (Continued)

Prep Batch: 131957 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-47	S-8 (4')	Total/NA	Solid	5035	
880-68287-48	S-8 (4.5')	Total/NA	Solid	5035	
880-68287-49	S-9 (0-1')	Total/NA	Solid	5035	
880-68287-50	S-9 (1.5')	Total/NA	Solid	5035	
MB 880-131957/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131957/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131957/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68272-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68272-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-51	S-9 (2')	Total/NA	Solid	8021B	132051
880-68287-52	S-9 (3')	Total/NA	Solid	8021B	132051
880-68287-53	S-9 (4')	Total/NA	Solid	8021B	132051
880-68287-54	S-9 (4.5')	Total/NA	Solid	8021B	132051
MB 880-132051/5-A	Method Blank	Total/NA	Solid	8021B	132051
LCS 880-132051/1-A	Lab Control Sample	Total/NA	Solid	8021B	132051
LCSD 880-132051/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132051
880-68274-A-10-D MS	Matrix Spike	Total/NA	Solid	8021B	132051
880-68274-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132051

Analysis Batch: 132047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-41	S-7 (4')	Total/NA	Solid	8021B	131957
880-68287-42	S-7 (4.5')	Total/NA	Solid	8021B	131957
880-68287-43	S-8 (0-1')	Total/NA	Solid	8021B	131957
880-68287-44	S-8 (1.5')	Total/NA	Solid	8021B	131957
880-68287-45	S-8 (2')	Total/NA	Solid	8021B	131957
880-68287-46	S-8 (3')	Total/NA	Solid	8021B	131957
880-68287-47	S-8 (4')	Total/NA	Solid	8021B	131957
880-68287-48	S-8 (4.5')	Total/NA	Solid	8021B	131957
880-68287-49	S-9 (0-1')	Total/NA	Solid	8021B	131957
880-68287-50	S-9 (1.5')	Total/NA	Solid	8021B	131957
MB 880-131957/5-A	Method Blank	Total/NA	Solid	8021B	131957
LCS 880-131957/1-A	Lab Control Sample	Total/NA	Solid	8021B	131957
LCSD 880-131957/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131957
880-68272-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	131957
880-68272-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131957

Analysis Batch: 132048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-21	S-4 (2')	Total/NA	Solid	8021B	131927
880-68287-22	S-4 (3')	Total/NA	Solid	8021B	131927
880-68287-23	S-4 (4')	Total/NA	Solid	8021B	131927
880-68287-24	S-4 (4.5')	Total/NA	Solid	8021B	131927
880-68287-25	S-5 (0-1')	Total/NA	Solid	8021B	131927
880-68287-26	S-5 (1.5')	Total/NA	Solid	8021B	131927
880-68287-27	S-5 (2')	Total/NA	Solid	8021B	131927
880-68287-28	S-5 (3')	Total/NA	Solid	8021B	131927
880-68287-29	S-5 (4')	Total/NA	Solid	8021B	131927

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC VOA (Continued)

Analysis Batch: 132048 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-30	S-5 (4.5')	Total/NA	Solid	8021B	131927
MB 880-131927/5-A	Method Blank	Total/NA	Solid	8021B	131927
LCS 880-131927/1-A	Lab Control Sample	Total/NA	Solid	8021B	131927
LCSD 880-131927/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131927
880-68287-21 MS	S-4 (2')	Total/NA	Solid	8021B	131927
880-68287-21 MSD	S-4 (2')	Total/NA	Solid	8021B	131927

Prep Batch: 132051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-51	S-9 (2')	Total/NA	Solid	5035	
880-68287-52	S-9 (3')	Total/NA	Solid	5035	
880-68287-53	S-9 (4')	Total/NA	Solid	5035	
880-68287-54	S-9 (4.5')	Total/NA	Solid	5035	
MB 880-132051/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132051/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132051/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68274-A-10-D MS	Matrix Spike	Total/NA	Solid	5035	
880-68274-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-1	S-1 (0-1')	Total/NA	Solid	8021B	131925
880-68287-2	S-1 (1.5')	Total/NA	Solid	8021B	131925
880-68287-3	S-1 (2')	Total/NA	Solid	8021B	131925
880-68287-4	S-1 (3')	Total/NA	Solid	8021B	131925
880-68287-5	S-1 (4')	Total/NA	Solid	8021B	131925
880-68287-6	S-1 (4.5')	Total/NA	Solid	8021B	131925
880-68287-7	S-2 (0-1')	Total/NA	Solid	8021B	131925
880-68287-8	S-2 (1.5')	Total/NA	Solid	8021B	131925
880-68287-9	S-2 (2')	Total/NA	Solid	8021B	131925
880-68287-10	S-2 (3')	Total/NA	Solid	8021B	131925
880-68287-11	S-2 (4')	Total/NA	Solid	8021B	131925
880-68287-12	S-2 (4.5')	Total/NA	Solid	8021B	131925
880-68287-13	S-3 (0-1')	Total/NA	Solid	8021B	131925
880-68287-14	S-3 (1.5')	Total/NA	Solid	8021B	131925
880-68287-15	S-3 (2')	Total/NA	Solid	8021B	131925
880-68287-16	S-3 (3')	Total/NA	Solid	8021B	131925
880-68287-17	S-3 (4')	Total/NA	Solid	8021B	131925
880-68287-18	S-3 (4.5')	Total/NA	Solid	8021B	131925
880-68287-19	S-4 (0-1')	Total/NA	Solid	8021B	131925
MB 880-131925/5-A	Method Blank	Total/NA	Solid	8021B	131925
LCS 880-131925/1-A	Lab Control Sample	Total/NA	Solid	8021B	131925
LCSD 880-131925/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131925
880-68287-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	131925
880-68287-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	131925

Analysis Batch: 132159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-31	S-6 (0-1')	Total/NA	Solid	8021B	132216
880-68287-32	S-6 (1.5')	Total/NA	Solid	8021B	132216
880-68287-33	S-6 (2')	Total/NA	Solid	8021B	132216

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC VOA (Continued)

Analysis Batch: 132159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-34	S-6 (3')	Total/NA	Solid	8021B	132216
880-68287-35	S-6 (4')	Total/NA	Solid	8021B	132216
880-68287-36	S-6 (4.5')	Total/NA	Solid	8021B	132216
880-68287-37	S-7 (0-1')	Total/NA	Solid	8021B	132216
880-68287-38	S-7 (1.5')	Total/NA	Solid	8021B	132216
880-68287-39	S-7 (2')	Total/NA	Solid	8021B	132216
880-68287-40	S-7 (3')	Total/NA	Solid	8021B	132216
MB 880-132216/5-A	Method Blank	Total/NA	Solid	8021B	132216
LCS 880-132216/1-A	Lab Control Sample	Total/NA	Solid	8021B	132216
LCSD 880-132216/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132216
880-68287-31 MS	S-6 (0-1')	Total/NA	Solid	8021B	132216
880-68287-31 MSD	S-6 (0-1')	Total/NA	Solid	8021B	132216

Analysis Batch: 132162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-20	S-4 (1.5')	Total/NA	Solid	8021B	132225
MB 880-132225/5-A	Method Blank	Total/NA	Solid	8021B	132225
LCS 880-132225/1-A	Lab Control Sample	Total/NA	Solid	8021B	132225
LCSD 880-132225/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132225
880-68275-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132225
880-68275-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132225

Prep Batch: 132216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-31	S-6 (0-1')	Total/NA	Solid	5035	
880-68287-32	S-6 (1.5')	Total/NA	Solid	5035	
880-68287-33	S-6 (2')	Total/NA	Solid	5035	
880-68287-34	S-6 (3')	Total/NA	Solid	5035	
880-68287-35	S-6 (4')	Total/NA	Solid	5035	
880-68287-36	S-6 (4.5')	Total/NA	Solid	5035	
880-68287-37	S-7 (0-1')	Total/NA	Solid	5035	
880-68287-38	S-7 (1.5')	Total/NA	Solid	5035	
880-68287-39	S-7 (2')	Total/NA	Solid	5035	
880-68287-40	S-7 (3')	Total/NA	Solid	5035	
MB 880-132216/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132216/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132216/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68287-31 MS	S-6 (0-1')	Total/NA	Solid	5035	
880-68287-31 MSD	S-6 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 132219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-68287-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-68287-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-68287-6	S-1 (4.5')	Total/NA	Solid	Total BTEX	
880-68287-7	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-8	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-9	S-2 (2')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC VOA (Continued)

Analysis Batch: 132219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-10	S-2 (3')	Total/NA	Solid	Total BTEX	
880-68287-11	S-2 (4')	Total/NA	Solid	Total BTEX	
880-68287-12	S-2 (4.5')	Total/NA	Solid	Total BTEX	
880-68287-13	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-14	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-15	S-3 (2')	Total/NA	Solid	Total BTEX	
880-68287-16	S-3 (3')	Total/NA	Solid	Total BTEX	
880-68287-17	S-3 (4')	Total/NA	Solid	Total BTEX	
880-68287-18	S-3 (4.5')	Total/NA	Solid	Total BTEX	
880-68287-19	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-20	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-21	S-4 (2')	Total/NA	Solid	Total BTEX	
880-68287-22	S-4 (3')	Total/NA	Solid	Total BTEX	
880-68287-23	S-4 (4')	Total/NA	Solid	Total BTEX	
880-68287-24	S-4 (4.5')	Total/NA	Solid	Total BTEX	
880-68287-25	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-26	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-27	S-5 (2')	Total/NA	Solid	Total BTEX	
880-68287-28	S-5 (3')	Total/NA	Solid	Total BTEX	
880-68287-29	S-5 (4')	Total/NA	Solid	Total BTEX	
880-68287-30	S-5 (4.5')	Total/NA	Solid	Total BTEX	
880-68287-31	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-32	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-33	S-6 (2')	Total/NA	Solid	Total BTEX	
880-68287-34	S-6 (3')	Total/NA	Solid	Total BTEX	
880-68287-35	S-6 (4')	Total/NA	Solid	Total BTEX	
880-68287-36	S-6 (4.5')	Total/NA	Solid	Total BTEX	
880-68287-37	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-38	S-7 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-39	S-7 (2')	Total/NA	Solid	Total BTEX	
880-68287-40	S-7 (3')	Total/NA	Solid	Total BTEX	
880-68287-41	S-7 (4')	Total/NA	Solid	Total BTEX	
880-68287-42	S-7 (4.5')	Total/NA	Solid	Total BTEX	
880-68287-43	S-8 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-44	S-8 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-45	S-8 (2')	Total/NA	Solid	Total BTEX	
880-68287-46	S-8 (3')	Total/NA	Solid	Total BTEX	
880-68287-47	S-8 (4')	Total/NA	Solid	Total BTEX	
880-68287-48	S-8 (4.5')	Total/NA	Solid	Total BTEX	
880-68287-49	S-9 (0-1')	Total/NA	Solid	Total BTEX	
880-68287-50	S-9 (1.5')	Total/NA	Solid	Total BTEX	
880-68287-51	S-9 (2')	Total/NA	Solid	Total BTEX	
880-68287-52	S-9 (3')	Total/NA	Solid	Total BTEX	
880-68287-53	S-9 (4')	Total/NA	Solid	Total BTEX	
880-68287-54	S-9 (4.5')	Total/NA	Solid	Total BTEX	

Prep Batch: 132225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-20	S-4 (1.5')	Total/NA	Solid	5035	
MB 880-132225/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132225/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC VOA (Continued)

Prep Batch: 132225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-132225/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68275-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68275-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 131836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-68287-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-68287-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-68287-6	S-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-68287-7	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-8	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-9	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-68287-10	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-68287-11	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-68287-12	S-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-68287-13	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-14	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-15	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-68287-16	S-3 (3')	Total/NA	Solid	8015NM Prep	
MB 880-131836/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131836/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68275-A-9-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68275-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-17	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-68287-18	S-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-68287-19	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-20	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-21	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-68287-22	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-68287-23	S-4 (4')	Total/NA	Solid	8015NM Prep	
880-68287-24	S-4 (4.5')	Total/NA	Solid	8015NM Prep	
880-68287-25	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-26	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-27	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-68287-28	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-68287-29	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-68287-30	S-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-68287-31	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-32	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-33	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-68287-34	S-6 (3')	Total/NA	Solid	8015NM Prep	
880-68287-35	S-6 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC Semi VOA (Continued)

Prep Batch: 131837 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-36	S-6 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-131837/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131837/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68287-17 MS	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-68287-17 MSD	S-3 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 131848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-37	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-38	S-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-39	S-7 (2')	Total/NA	Solid	8015NM Prep	
880-68287-40	S-7 (3')	Total/NA	Solid	8015NM Prep	
880-68287-41	S-7 (4')	Total/NA	Solid	8015NM Prep	
880-68287-42	S-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-68287-43	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-44	S-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-45	S-8 (2')	Total/NA	Solid	8015NM Prep	
880-68287-46	S-8 (3')	Total/NA	Solid	8015NM Prep	
880-68287-47	S-8 (4')	Total/NA	Solid	8015NM Prep	
880-68287-48	S-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-68287-49	S-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-50	S-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-68287-51	S-9 (2')	Total/NA	Solid	8015NM Prep	
880-68287-52	S-9 (3')	Total/NA	Solid	8015NM Prep	
880-68287-53	S-9 (4')	Total/NA	Solid	8015NM Prep	
880-68287-54	S-9 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-131848/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131848/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131848/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68287-37 MS	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-68287-37 MSD	S-7 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-17	S-3 (4')	Total/NA	Solid	8015B NM	131837
880-68287-18	S-3 (4.5')	Total/NA	Solid	8015B NM	131837
880-68287-19	S-4 (0-1')	Total/NA	Solid	8015B NM	131837
880-68287-20	S-4 (1.5')	Total/NA	Solid	8015B NM	131837
880-68287-21	S-4 (2')	Total/NA	Solid	8015B NM	131837
880-68287-22	S-4 (3')	Total/NA	Solid	8015B NM	131837
880-68287-23	S-4 (4')	Total/NA	Solid	8015B NM	131837
880-68287-24	S-4 (4.5')	Total/NA	Solid	8015B NM	131837
880-68287-25	S-5 (0-1')	Total/NA	Solid	8015B NM	131837
880-68287-26	S-5 (1.5')	Total/NA	Solid	8015B NM	131837
880-68287-27	S-5 (2')	Total/NA	Solid	8015B NM	131837
880-68287-28	S-5 (3')	Total/NA	Solid	8015B NM	131837
880-68287-29	S-5 (4')	Total/NA	Solid	8015B NM	131837
880-68287-30	S-5 (4.5')	Total/NA	Solid	8015B NM	131837
880-68287-31	S-6 (0-1')	Total/NA	Solid	8015B NM	131837
880-68287-32	S-6 (1.5')	Total/NA	Solid	8015B NM	131837

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC Semi VOA (Continued)

Analysis Batch: 132062 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-33	S-6 (2')	Total/NA	Solid	8015B NM	131837
880-68287-34	S-6 (3')	Total/NA	Solid	8015B NM	131837
880-68287-35	S-6 (4')	Total/NA	Solid	8015B NM	131837
880-68287-36	S-6 (4.5')	Total/NA	Solid	8015B NM	131837
MB 880-131837/1-A	Method Blank	Total/NA	Solid	8015B NM	131837
LCS 880-131837/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131837
LCSD 880-131837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131837
880-68287-17 MS	S-3 (4')	Total/NA	Solid	8015B NM	131837
880-68287-17 MSD	S-3 (4')	Total/NA	Solid	8015B NM	131837

Analysis Batch: 132065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-1	S-1 (0-1')	Total/NA	Solid	8015B NM	131836
880-68287-2	S-1 (1.5')	Total/NA	Solid	8015B NM	131836
880-68287-3	S-1 (2')	Total/NA	Solid	8015B NM	131836
880-68287-4	S-1 (3')	Total/NA	Solid	8015B NM	131836
880-68287-5	S-1 (4')	Total/NA	Solid	8015B NM	131836
880-68287-6	S-1 (4.5')	Total/NA	Solid	8015B NM	131836
880-68287-7	S-2 (0-1')	Total/NA	Solid	8015B NM	131836
880-68287-8	S-2 (1.5')	Total/NA	Solid	8015B NM	131836
880-68287-9	S-2 (2')	Total/NA	Solid	8015B NM	131836
880-68287-10	S-2 (3')	Total/NA	Solid	8015B NM	131836
880-68287-11	S-2 (4')	Total/NA	Solid	8015B NM	131836
880-68287-12	S-2 (4.5')	Total/NA	Solid	8015B NM	131836
880-68287-13	S-3 (0-1')	Total/NA	Solid	8015B NM	131836
880-68287-14	S-3 (1.5')	Total/NA	Solid	8015B NM	131836
880-68287-15	S-3 (2')	Total/NA	Solid	8015B NM	131836
880-68287-16	S-3 (3')	Total/NA	Solid	8015B NM	131836
MB 880-131836/1-A	Method Blank	Total/NA	Solid	8015B NM	131836
LCS 880-131836/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131836
LCSD 880-131836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131836
880-68275-A-9-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131836
880-68275-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131836

Analysis Batch: 132165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-37	S-7 (0-1')	Total/NA	Solid	8015B NM	131848
880-68287-38	S-7 (1.5')	Total/NA	Solid	8015B NM	131848
880-68287-39	S-7 (2')	Total/NA	Solid	8015B NM	131848
880-68287-40	S-7 (3')	Total/NA	Solid	8015B NM	131848
880-68287-41	S-7 (4')	Total/NA	Solid	8015B NM	131848
880-68287-42	S-7 (4.5')	Total/NA	Solid	8015B NM	131848
880-68287-43	S-8 (0-1')	Total/NA	Solid	8015B NM	131848
880-68287-44	S-8 (1.5')	Total/NA	Solid	8015B NM	131848
880-68287-45	S-8 (2')	Total/NA	Solid	8015B NM	131848
880-68287-46	S-8 (3')	Total/NA	Solid	8015B NM	131848
880-68287-47	S-8 (4')	Total/NA	Solid	8015B NM	131848
880-68287-48	S-8 (4.5')	Total/NA	Solid	8015B NM	131848
880-68287-49	S-9 (0-1')	Total/NA	Solid	8015B NM	131848
880-68287-50	S-9 (1.5')	Total/NA	Solid	8015B NM	131848
880-68287-51	S-9 (2')	Total/NA	Solid	8015B NM	131848

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC Semi VOA (Continued)

Analysis Batch: 132165 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-52	S-9 (3')	Total/NA	Solid	8015B NM	131848
880-68287-53	S-9 (4')	Total/NA	Solid	8015B NM	131848
880-68287-54	S-9 (4.5')	Total/NA	Solid	8015B NM	131848
MB 880-131848/1-A	Method Blank	Total/NA	Solid	8015B NM	131848
LCS 880-131848/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131848
LCSD 880-131848/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131848
880-68287-37 MS	S-7 (0-1')	Total/NA	Solid	8015B NM	131848
880-68287-37 MSD	S-7 (0-1')	Total/NA	Solid	8015B NM	131848

Analysis Batch: 132205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-68287-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-68287-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-68287-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-68287-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-68287-6	S-1 (4.5')	Total/NA	Solid	8015 NM	
880-68287-7	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-68287-8	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-68287-9	S-2 (2')	Total/NA	Solid	8015 NM	
880-68287-10	S-2 (3')	Total/NA	Solid	8015 NM	
880-68287-11	S-2 (4')	Total/NA	Solid	8015 NM	
880-68287-12	S-2 (4.5')	Total/NA	Solid	8015 NM	
880-68287-13	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-68287-14	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-68287-15	S-3 (2')	Total/NA	Solid	8015 NM	
880-68287-16	S-3 (3')	Total/NA	Solid	8015 NM	
880-68287-17	S-3 (4')	Total/NA	Solid	8015 NM	
880-68287-18	S-3 (4.5')	Total/NA	Solid	8015 NM	
880-68287-19	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-68287-20	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-68287-21	S-4 (2')	Total/NA	Solid	8015 NM	
880-68287-22	S-4 (3')	Total/NA	Solid	8015 NM	
880-68287-23	S-4 (4')	Total/NA	Solid	8015 NM	
880-68287-24	S-4 (4.5')	Total/NA	Solid	8015 NM	
880-68287-25	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-68287-26	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-68287-27	S-5 (2')	Total/NA	Solid	8015 NM	
880-68287-28	S-5 (3')	Total/NA	Solid	8015 NM	
880-68287-29	S-5 (4')	Total/NA	Solid	8015 NM	
880-68287-30	S-5 (4.5')	Total/NA	Solid	8015 NM	
880-68287-31	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-68287-32	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-68287-33	S-6 (2')	Total/NA	Solid	8015 NM	
880-68287-34	S-6 (3')	Total/NA	Solid	8015 NM	
880-68287-35	S-6 (4')	Total/NA	Solid	8015 NM	
880-68287-36	S-6 (4.5')	Total/NA	Solid	8015 NM	
880-68287-37	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-68287-38	S-7 (1.5')	Total/NA	Solid	8015 NM	
880-68287-39	S-7 (2')	Total/NA	Solid	8015 NM	
880-68287-40	S-7 (3')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

GC Semi VOA (Continued)

Analysis Batch: 132205 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-41	S-7 (4')	Total/NA	Solid	8015 NM	
880-68287-42	S-7 (4.5')	Total/NA	Solid	8015 NM	
880-68287-43	S-8 (0-1')	Total/NA	Solid	8015 NM	
880-68287-44	S-8 (1.5')	Total/NA	Solid	8015 NM	
880-68287-45	S-8 (2')	Total/NA	Solid	8015 NM	
880-68287-46	S-8 (3')	Total/NA	Solid	8015 NM	
880-68287-47	S-8 (4')	Total/NA	Solid	8015 NM	
880-68287-48	S-8 (4.5')	Total/NA	Solid	8015 NM	
880-68287-49	S-9 (0-1')	Total/NA	Solid	8015 NM	
880-68287-50	S-9 (1.5')	Total/NA	Solid	8015 NM	
880-68287-51	S-9 (2')	Total/NA	Solid	8015 NM	
880-68287-52	S-9 (3')	Total/NA	Solid	8015 NM	
880-68287-53	S-9 (4')	Total/NA	Solid	8015 NM	
880-68287-54	S-9 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68287-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-68287-3	S-1 (2')	Soluble	Solid	DI Leach	
880-68287-4	S-1 (3')	Soluble	Solid	DI Leach	
880-68287-5	S-1 (4')	Soluble	Solid	DI Leach	
880-68287-6	S-1 (4.5')	Soluble	Solid	DI Leach	
880-68287-7	S-2 (0-1')	Soluble	Solid	DI Leach	
880-68287-8	S-2 (1.5')	Soluble	Solid	DI Leach	
880-68287-9	S-2 (2')	Soluble	Solid	DI Leach	
880-68287-10	S-2 (3')	Soluble	Solid	DI Leach	
880-68287-11	S-2 (4')	Soluble	Solid	DI Leach	
880-68287-12	S-2 (4.5')	Soluble	Solid	DI Leach	
880-68287-13	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68287-14	S-3 (1.5')	Soluble	Solid	DI Leach	
880-68287-15	S-3 (2')	Soluble	Solid	DI Leach	
880-68287-16	S-3 (3')	Soluble	Solid	DI Leach	
880-68287-17	S-3 (4')	Soluble	Solid	DI Leach	
880-68287-18	S-3 (4.5')	Soluble	Solid	DI Leach	
880-68287-19	S-4 (0-1')	Soluble	Solid	DI Leach	
880-68287-20	S-4 (1.5')	Soluble	Solid	DI Leach	
MB 880-131970/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131970/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131970/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68287-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68287-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68287-11 MS	S-2 (4')	Soluble	Solid	DI Leach	
880-68287-11 MSD	S-2 (4')	Soluble	Solid	DI Leach	

Leach Batch: 131971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-21	S-4 (2')	Soluble	Solid	DI Leach	
880-68287-22	S-4 (3')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

HPLC/IC (Continued)

Leach Batch: 131971 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-23	S-4 (4')	Soluble	Solid	DI Leach	
880-68287-24	S-4 (4.5')	Soluble	Solid	DI Leach	
880-68287-25	S-5 (0-1')	Soluble	Solid	DI Leach	
880-68287-26	S-5 (1.5')	Soluble	Solid	DI Leach	
880-68287-27	S-5 (2')	Soluble	Solid	DI Leach	
880-68287-28	S-5 (3')	Soluble	Solid	DI Leach	
880-68287-29	S-5 (4')	Soluble	Solid	DI Leach	
880-68287-30	S-5 (4.5')	Soluble	Solid	DI Leach	
880-68287-31	S-6 (0-1')	Soluble	Solid	DI Leach	
880-68287-32	S-6 (1.5')	Soluble	Solid	DI Leach	
880-68287-33	S-6 (2')	Soluble	Solid	DI Leach	
880-68287-34	S-6 (3')	Soluble	Solid	DI Leach	
880-68287-35	S-6 (4')	Soluble	Solid	DI Leach	
880-68287-36	S-6 (4.5')	Soluble	Solid	DI Leach	
880-68287-37	S-7 (0-1')	Soluble	Solid	DI Leach	
880-68287-38	S-7 (1.5')	Soluble	Solid	DI Leach	
880-68287-39	S-7 (2')	Soluble	Solid	DI Leach	
880-68287-40	S-7 (3')	Soluble	Solid	DI Leach	
MB 880-131971/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131971/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131971/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68287-21 MS	S-4 (2')	Soluble	Solid	DI Leach	
880-68287-21 MSD	S-4 (2')	Soluble	Solid	DI Leach	
880-68287-31 MS	S-6 (0-1')	Soluble	Solid	DI Leach	
880-68287-31 MSD	S-6 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 131973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-41	S-7 (4')	Soluble	Solid	DI Leach	
880-68287-42	S-7 (4.5')	Soluble	Solid	DI Leach	
880-68287-43	S-8 (0-1')	Soluble	Solid	DI Leach	
880-68287-44	S-8 (1.5')	Soluble	Solid	DI Leach	
880-68287-45	S-8 (2')	Soluble	Solid	DI Leach	
880-68287-46	S-8 (3')	Soluble	Solid	DI Leach	
880-68287-47	S-8 (4')	Soluble	Solid	DI Leach	
880-68287-48	S-8 (4.5')	Soluble	Solid	DI Leach	
880-68287-49	S-9 (0-1')	Soluble	Solid	DI Leach	
880-68287-50	S-9 (1.5')	Soluble	Solid	DI Leach	
880-68287-51	S-9 (2')	Soluble	Solid	DI Leach	
880-68287-52	S-9 (3')	Soluble	Solid	DI Leach	
880-68287-53	S-9 (4')	Soluble	Solid	DI Leach	
880-68287-54	S-9 (4.5')	Soluble	Solid	DI Leach	
MB 880-131973/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131973/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131973/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68287-41 MS	S-7 (4')	Soluble	Solid	DI Leach	
880-68287-41 MSD	S-7 (4')	Soluble	Solid	DI Leach	
880-68287-51 MS	S-9 (2')	Soluble	Solid	DI Leach	
880-68287-51 MSD	S-9 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

HPLC/IC

Analysis Batch: 131981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-1	S-1 (0-1')	Soluble	Solid	300.0	131970
880-68287-2	S-1 (1.5')	Soluble	Solid	300.0	131970
880-68287-3	S-1 (2')	Soluble	Solid	300.0	131970
880-68287-4	S-1 (3')	Soluble	Solid	300.0	131970
880-68287-5	S-1 (4')	Soluble	Solid	300.0	131970
880-68287-6	S-1 (4.5')	Soluble	Solid	300.0	131970
880-68287-7	S-2 (0-1')	Soluble	Solid	300.0	131970
880-68287-8	S-2 (1.5')	Soluble	Solid	300.0	131970
880-68287-9	S-2 (2')	Soluble	Solid	300.0	131970
880-68287-10	S-2 (3')	Soluble	Solid	300.0	131970
880-68287-11	S-2 (4')	Soluble	Solid	300.0	131970
880-68287-12	S-2 (4.5')	Soluble	Solid	300.0	131970
880-68287-13	S-3 (0-1')	Soluble	Solid	300.0	131970
880-68287-14	S-3 (1.5')	Soluble	Solid	300.0	131970
880-68287-15	S-3 (2')	Soluble	Solid	300.0	131970
880-68287-16	S-3 (3')	Soluble	Solid	300.0	131970
880-68287-17	S-3 (4')	Soluble	Solid	300.0	131970
880-68287-18	S-3 (4.5')	Soluble	Solid	300.0	131970
880-68287-19	S-4 (0-1')	Soluble	Solid	300.0	131970
880-68287-20	S-4 (1.5')	Soluble	Solid	300.0	131970
MB 880-131970/1-A	Method Blank	Soluble	Solid	300.0	131970
LCS 880-131970/2-A	Lab Control Sample	Soluble	Solid	300.0	131970
LCSD 880-131970/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131970
880-68287-1 MS	S-1 (0-1')	Soluble	Solid	300.0	131970
880-68287-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	131970
880-68287-11 MS	S-2 (4')	Soluble	Solid	300.0	131970
880-68287-11 MSD	S-2 (4')	Soluble	Solid	300.0	131970

Analysis Batch: 131983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-21	S-4 (2')	Soluble	Solid	300.0	131971
880-68287-22	S-4 (3')	Soluble	Solid	300.0	131971
880-68287-23	S-4 (4')	Soluble	Solid	300.0	131971
880-68287-24	S-4 (4.5')	Soluble	Solid	300.0	131971
880-68287-25	S-5 (0-1')	Soluble	Solid	300.0	131971
880-68287-26	S-5 (1.5')	Soluble	Solid	300.0	131971
880-68287-27	S-5 (2')	Soluble	Solid	300.0	131971
880-68287-28	S-5 (3')	Soluble	Solid	300.0	131971
880-68287-29	S-5 (4')	Soluble	Solid	300.0	131971
880-68287-30	S-5 (4.5')	Soluble	Solid	300.0	131971
880-68287-31	S-6 (0-1')	Soluble	Solid	300.0	131971
880-68287-32	S-6 (1.5')	Soluble	Solid	300.0	131971
880-68287-33	S-6 (2')	Soluble	Solid	300.0	131971
880-68287-34	S-6 (3')	Soluble	Solid	300.0	131971
880-68287-35	S-6 (4')	Soluble	Solid	300.0	131971
880-68287-36	S-6 (4.5')	Soluble	Solid	300.0	131971
880-68287-37	S-7 (0-1')	Soluble	Solid	300.0	131971
880-68287-38	S-7 (1.5')	Soluble	Solid	300.0	131971
880-68287-39	S-7 (2')	Soluble	Solid	300.0	131971
880-68287-40	S-7 (3')	Soluble	Solid	300.0	131971
MB 880-131971/1-A	Method Blank	Soluble	Solid	300.0	131971

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

HPLC/IC (Continued)

Analysis Batch: 131983 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-131971/2-A	Lab Control Sample	Soluble	Solid	300.0	131971
LCSD 880-131971/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131971
880-68287-21 MS	S-4 (2')	Soluble	Solid	300.0	131971
880-68287-21 MSD	S-4 (2')	Soluble	Solid	300.0	131971
880-68287-31 MS	S-6 (0-1')	Soluble	Solid	300.0	131971
880-68287-31 MSD	S-6 (0-1')	Soluble	Solid	300.0	131971

Analysis Batch: 131984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68287-41	S-7 (4')	Soluble	Solid	300.0	131973
880-68287-42	S-7 (4.5')	Soluble	Solid	300.0	131973
880-68287-43	S-8 (0-1')	Soluble	Solid	300.0	131973
880-68287-44	S-8 (1.5')	Soluble	Solid	300.0	131973
880-68287-45	S-8 (2')	Soluble	Solid	300.0	131973
880-68287-46	S-8 (3')	Soluble	Solid	300.0	131973
880-68287-47	S-8 (4')	Soluble	Solid	300.0	131973
880-68287-48	S-8 (4.5')	Soluble	Solid	300.0	131973
880-68287-49	S-9 (0-1')	Soluble	Solid	300.0	131973
880-68287-50	S-9 (1.5')	Soluble	Solid	300.0	131973
880-68287-51	S-9 (2')	Soluble	Solid	300.0	131973
880-68287-52	S-9 (3')	Soluble	Solid	300.0	131973
880-68287-53	S-9 (4')	Soluble	Solid	300.0	131973
880-68287-54	S-9 (4.5')	Soluble	Solid	300.0	131973
MB 880-131973/1-A	Method Blank	Soluble	Solid	300.0	131973
LCS 880-131973/2-A	Lab Control Sample	Soluble	Solid	300.0	131973
LCSD 880-131973/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131973
880-68287-41 MS	S-7 (4')	Soluble	Solid	300.0	131973
880-68287-41 MSD	S-7 (4')	Soluble	Solid	300.0	131973
880-68287-51 MS	S-9 (2')	Soluble	Solid	300.0	131973
880-68287-51 MSD	S-9 (2')	Soluble	Solid	300.0	131973

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-68287-1

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 14:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 18:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 18:35	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 21:47	CS	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68287-2

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 14:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 18:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 18:50	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:03	CS	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68287-3

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 14:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 19:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 19:05	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:08	CS	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68287-4

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 15:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 15:15	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68287-4

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

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			132205	02/17/26 19:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 19:21	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:13	CS	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68287-5

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 15:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 19:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 19:36	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:18	CS	EET MID

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-68287-6

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 15:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 15:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 19:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 19:52	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:34	CS	EET MID

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-68287-7

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 20:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 20:22	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-68287-7

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:39	CS	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-68287-8

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 16:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 20:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 20:37	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:44	CS	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68287-9

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 20:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 20:52	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:50	CS	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68287-10

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 17:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 17:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 21:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 21:07	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 22:55	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68287-11

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 18:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 21:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 21:21	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 23:00	CS	EET MID

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-68287-12

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 19:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 21:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 21:37	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 23:16	CS	EET MID

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-68287-13

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 19:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 21:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 21:52	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 23:21	CS	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-68287-14

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 19:52	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-3 (1.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-14

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			132205	02/17/26 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 22:07	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 23:37	CS	EET MID

Client Sample ID: S-3 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 20:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 22:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 22:21	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 23:42	CS	EET MID

Client Sample ID: S-3 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 20:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 22:36	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131836	02/15/26 18:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/17/26 22:36	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 23:47	CS	EET MID

Client Sample ID: S-3 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-17

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	5035			4.97 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 20:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 17:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 17:05	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-3 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 23:52	CS	EET MID

Client Sample ID: S-3 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-18

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	5035			4.95 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 21:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 21:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 17:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 17:50	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/16/26 23:58	CS	EET MID

Client Sample ID: S-4 (0-1')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-19

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	5035			5.03 g	5 mL	131925	02/16/26 11:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132052	02/17/26 21:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 21:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 18:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 18:05	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/17/26 00:03	CS	EET MID

Client Sample ID: S-4 (1.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-20

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	5035			5.05 g	5 mL	132225	02/18/26 11:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/18/26 14:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 14:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 18:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 18:20	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131970	02/16/26 14:17	SA	EET MID
Soluble	Analysis	300.0		1			131981	02/17/26 00:08	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-4 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-21

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	5035			5.01 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 15:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 15:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 18:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 18:35	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 00:12	CS	EET MID

Client Sample ID: S-4 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-22

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	5035			4.98 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 15:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 15:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 18:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 18:50	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 00:28	CS	EET MID

Client Sample ID: S-4 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-23

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	5035			4.95 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 16:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 19:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 19:05	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 00:34	CS	EET MID

Client Sample ID: S-4 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-24

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	5035			5.03 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 16:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:33	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-4 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-24

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			132205	02/17/26 19:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 19:21	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 00:40	CS	EET MID

Client Sample ID: S-5 (0-1')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-25

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	5035			5.05 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 16:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 19:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 19:36	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 00:45	CS	EET MID

Client Sample ID: S-5 (1.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-26

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	5035			5.01 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 17:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 19:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 19:52	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 01:02	CS	EET MID

Client Sample ID: S-5 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-27

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	5035			4.97 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 17:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 17:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 20:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 20:22	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-5 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 01:08	CS	EET MID

Client Sample ID: S-5 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-28

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	5035			4.95 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 17:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 20:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 20:37	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 01:14	CS	EET MID

Client Sample ID: S-5 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-29

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	5035			5.03 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 20:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 20:52	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 01:19	CS	EET MID

Client Sample ID: S-5 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-30

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	5035			5.05 g	5 mL	131927	02/16/26 11:52	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132048	02/17/26 18:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 18:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 21:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 21:07	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 01:25	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-6 (0-1')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-31

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	5035			5.01 g	5 mL	132216	02/18/26 07:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 11:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 11:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 21:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 21:21	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 01:30	CS	EET MID

Client Sample ID: S-6 (1.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-32

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	5035			4.98 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 11:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 11:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 21:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 21:37	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 01:47	CS	EET MID

Client Sample ID: S-6 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-33

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	5035			4.95 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 12:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 12:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 21:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 21:52	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 01:53	CS	EET MID

Client Sample ID: S-6 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-34

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	5035			5.03 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 12:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 12:26	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-6 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-34

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			132205	02/17/26 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 22:07	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 02:10	CS	EET MID

Client Sample ID: S-6 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-35

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	5035			5.05 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 12:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 12:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 22:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 22:21	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 02:16	CS	EET MID

Client Sample ID: S-6 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-36

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	5035			5.01 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 13:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/17/26 22:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131837	02/15/26 18:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/17/26 22:36	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 02:21	CS	EET MID

Client Sample ID: S-7 (0-1')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-37

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	5035			5.01 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 15:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 15:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 10:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 10:02	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-7 (0-1')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 02:27	CS	EET MID

Client Sample ID: S-7 (1.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-38

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	5035			4.97 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 16:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 16:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 10:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 10:49	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 02:32	CS	EET MID

Client Sample ID: S-7 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-39

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	5035			4.95 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 16:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 11:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 11:03	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 02:38	CS	EET MID

Client Sample ID: S-7 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-40

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	5035			5.03 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/18/26 16:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 11:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 11:19	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131971	02/16/26 14:20	SA	EET MID
Soluble	Analysis	300.0		1			131983	02/17/26 02:44	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-7 (4')**Lab Sample ID: 880-68287-41****Date Collected: 02/12/26 00:00****Matrix: Solid****Date Received: 02/13/26 17:05**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 16:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 11:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 11:34	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 03:29	CS	EET MID

Client Sample ID: S-7 (4.5')**Lab Sample ID: 880-68287-42****Date Collected: 02/12/26 00:00****Matrix: Solid****Date Received: 02/13/26 17:05**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 16:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 11:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 11:49	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 03:46	CS	EET MID

Client Sample ID: S-8 (0-1')**Lab Sample ID: 880-68287-43****Date Collected: 02/12/26 00:00****Matrix: Solid****Date Received: 02/13/26 17:05**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 16:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 12:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 12:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 03:51	CS	EET MID

Client Sample ID: S-8 (1.5')**Lab Sample ID: 880-68287-44****Date Collected: 02/12/26 00:00****Matrix: Solid****Date Received: 02/13/26 17:05**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 17:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 17:09	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-8 (1.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-44

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			132205	02/18/26 12:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 12:19	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 03:57	CS	EET MID

Client Sample ID: S-8 (2')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-45

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	5035			5.03 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 17:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 12:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 12:34	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 04:03	CS	EET MID

Client Sample ID: S-8 (3')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-46

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	5035			5.01 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 17:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 12:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 12:49	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 04:20	CS	EET MID

Client Sample ID: S-8 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-47

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	5035			4.97 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 18:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 13:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 13:20	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-8 (4')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 04:25	CS	EET MID

Client Sample ID: S-8 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-48

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	5035			4.99 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 18:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 13:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 13:35	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 04:31	CS	EET MID

Client Sample ID: S-9 (0-1')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-49

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	5035			5.03 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 18:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 13:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 13:50	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 04:37	CS	EET MID

Client Sample ID: S-9 (1.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-50

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	5035			5.05 g	5 mL	131957	02/16/26 13:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132047	02/17/26 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 19:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 14:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 14:06	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 04:42	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-9 (2')

Lab Sample ID: 880-68287-51

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	132051	02/17/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132046	02/17/26 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 14:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 14:21	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 04:48	CS	EET MID

Client Sample ID: S-9 (3')

Lab Sample ID: 880-68287-52

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132051	02/17/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132046	02/17/26 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 15:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 14:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 14:35	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 05:05	CS	EET MID

Client Sample ID: S-9 (4')

Lab Sample ID: 880-68287-53

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132051	02/17/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132046	02/17/26 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 15:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			132205	02/18/26 14:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 14:51	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 05:10	CS	EET MID

Client Sample ID: S-9 (4.5')

Lab Sample ID: 880-68287-54

Date Collected: 02/12/26 00:00

Matrix: Solid

Date Received: 02/13/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	132051	02/17/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132046	02/17/26 15:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132219	02/17/26 15:55	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Client Sample ID: S-9 (4.5')

Date Collected: 02/12/26 00:00

Date Received: 02/13/26 17:05

Lab Sample ID: 880-68287-54

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			132205	02/18/26 15:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131848	02/15/26 18:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/18/26 15:05	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131973	02/16/26 14:22	SA	EET MID
Soluble	Analysis	300.0		1			131984	02/17/26 05:27	CS	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

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
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
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
5035	Closed System Purge and Trap	SW846	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.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68287-1	S-1 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-2	S-1 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-3	S-1 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-4	S-1 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-5	S-1 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-6	S-1 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-7	S-2 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-8	S-2 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-9	S-2 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-10	S-2 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-11	S-2 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-12	S-2 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-13	S-3 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-14	S-3 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-15	S-3 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-16	S-3 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-17	S-3 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-18	S-3 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-19	S-4 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-20	S-4 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-21	S-4 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-22	S-4 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-23	S-4 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-24	S-4 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-25	S-5 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-26	S-5 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-27	S-5 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-28	S-5 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-29	S-5 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-30	S-5 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-31	S-6 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-32	S-6 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-33	S-6 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-34	S-6 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-35	S-6 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-36	S-6 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-37	S-7 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-38	S-7 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-39	S-7 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-40	S-7 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-41	S-7 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-42	S-7 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-43	S-8 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-44	S-8 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-45	S-8 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-46	S-8 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-47	S-8 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-48	S-8 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-49	S-9 (0-1')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-50	S-9 (1.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-51	S-9 (2')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-52	S-9 (3')	Solid	02/12/26 00:00	02/13/26 17:05	Texas
880-68287-53	S-9 (4')	Solid	02/12/26 00:00	02/13/26 17:05	Texas

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit West Battery

Job ID: 880-68287-1
SDG: 3136

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68287-54	S-9 (4.5')	Solid	02/12/26 00:00	02/13/26 17:05	Texas

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- 13
- 14

Chain of Custody



880-68237 Chain of Custody

Page 1 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST				PRESERVATIVE CODES			
Project Name:	Lea Federal Unit West Battery	Turn Around	Pres. Code				
Project Number:	3136	☐ Routine ☒ Rush					
Project Location:	Lea County, New Mexico	Due Date:	72 Hours				
Sampler's Name:	JR						
PO #:							
SAMPLE RECEIPT Received Intact: Yes ☒ No ☐ Temp Blank: Yes ☒ No ☐ Wet Ice: Yes ☒ No ☐ Cooler Custody Seals: Yes ☒ No ☐ Thermometer ID: 188 Sample Custody Seals: Yes ☒ No ☐ Correction Factor: -0.2 Total Containers: 1 Temperature Reading: -2.1 Corrected Temperature: -2.3				Hold None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
S-1 (0-1')	2/12/2026		X		G	1	
S-1 (1.5')	2/12/2026		X		G	1	
S-1 (2')	2/12/2026		X		G	1	
S-1 (3')	2/12/2026		X		G	1	
S-1 (4')	2/12/2026		X		G	1	
S-1 (4.5')	2/12/2026		X		G	1	
S-2 (0-1')	2/12/2026		X		G	1	
S-2 (1.5')	2/12/2026		X		G	1	
S-2 (2')	2/12/2026		X		G	1	
S-2 (3')	2/12/2026		X		G	1	

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2-13-26 1700

Chain of Custody

Work Order No: _____

Page 2 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marientfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around			Pres. Code	# of Cont	Sample Comments	
					☐ Routine	☒ Rush	Due Date:				
Lea Federal Unit West Battery	3136	Lea County, New Mexico	JR				72 Hours				
SAMPLE RECEIPT Received Intact: Yes No Cooler Custody Seals: Yes No N/A Sample Custody Seals: Yes No N/A Total Containers:					Temp Blank: Yes No Thermometer ID: Correction Factor: Temperature Reading: Corrected Temperature:			None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC			
Sample Identification					Date	Time	Soil	Water	Grab/Comp		
S-2 (4')	2/12/2026		X	G	1						
S-2 (4.5')	2/12/2026		X	G	1						
S-3 (0-1')	2/12/2026		X	G	1						
S-3 (1.5')	2/12/2026		X	G	1						
S-3 (2')	2/12/2026		X	G	1						
S-3 (3')	2/12/2026		X	G	1						
S-3 (4')	2/12/2026		X	G	1						
S-3 (4.5')	2/12/2026		X	G	1						
S-4 (0-1')	2/12/2026		X	G	1						
S-4 (1.5')	2/12/2026		X	G	1						

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			2-13-26 1700

Chain of Custody

Work Order No: _____

Page 3 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marientfield St, Suite 600
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Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes	
Turn Around		Parameters		Pres. Code		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0	
Routine ☐ Rush ☒		Due Date: 72 Hours									
Project Name: Lea Federal Unit West Battery		Project Number: 3136		Temp Blank: Yes No		Wet Ice: Yes No		Thermometer ID:		None: NO DI Water: H ₂ O	
Project Location: Lea County, New Mexico		Sampler's Name: JR		Cooler Custody Seals: Yes No N/A		Correction Factor:		Cool: Cool		Cool: Cool MeOH: Me	
PO #: _____		Sample Custody Seals: Yes No N/A		Temperature Reading:		Corrected Temperature:		HCL: HC		HNO ₃ : HN	
Total Containers:								H ₂ SO ₄ : H ₂		NaOH: Na	
Sample Identification		Date		Time		Soil		Water		Grab/Comp	
S-4 (2')	2/12/2026						X				
S-4 (3')	2/12/2026						X				
S-4 (4')	2/12/2026						X				
S-4 (4.5')	2/12/2026						X				
S-5 (0-1')	2/12/2026						X				
S-5 (1.5')	2/12/2026						X				
S-5 (2')	2/12/2026						X				
S-5 (3')	2/12/2026						X				
S-5 (4')	2/12/2026						X				
S-5 (4.5')	2/12/2026						X				

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2.13.26 1700

Chain of Custody

Work Order No: _____

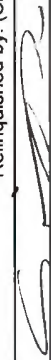
Page 4 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
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Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Turn Around ☐ Routine ☒ Rush Due Date: 72 Hours	Project Number: 3136 Project Location: Lea County, New Mexico Sampler's Name: JR PO #: _____	Project Name: Lea Federal Unit West Battery		
												Temp Blank: Yes No	Wet Ice: Yes No
S-6 (0-1')	2/12/2026		X		G	1						None: NO	DI Water: H ₂ O
S-6 (1.5')	2/12/2026		X		G	1						Cool: Cool	MeOH: Me
S-6 (2')	2/12/2026		X		G	1						HCL: HC	HNO ₃ : HN
S-6 (3')	2/12/2026		X		G	1						H ₂ SO ₄ : H ₂	NaOH: Na
S-6 (4')	2/12/2026		X		G	1						H ₃ PO ₄ : HP	
S-6 (4.5')	2/12/2026		X		G	1						NaHSO ₄ : NABIS	
S-7 (0-1')	2/12/2026		X		G	1						Na ₂ S ₂ O ₃ : NaSO ₃	
S-7 (1.5')	2/12/2026		X		G	1						Zn Acetate+NaOH: Zn	
S-7 (2')	2/12/2026		X		G	1						NaOH+Ascorbic Acid: SAPC	
S-7 (3')	2/12/2026		X		G	1							

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2-13-26 1700

2/18/2026

Chain of Custody

Work Order No: _____

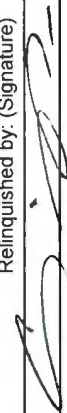
Page 5 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cinarc Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marientfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes			
Project Name:	Project Number:	Turn Around		Pres. Code	Parameters	# of Cont	Grab/Comp	Water	Soil	Time	Date	Sample Identification	Sample Comments
		☐ Routine	☒ Rush										
Lea Federal Unit West Battery	3136												
Project Location	Lea County, New Mexico	Due Date:	72 Hours										
Sampler's Name:	JR												
PO #:													
SAMPLE RECEIPT Received Intact: Yes No Temp Blank: Yes No Wet Ice: Yes No Cooler Custody Seals: Yes No N/A Thermometer ID: _____ Sample Custody Seals: Yes No N/A Correction Factor: _____ Total Containers: _____ Temperature Reading: _____ Corrected Temperature: _____													
S-7 (4')	2/12/2026						G		X				
S-7 (4.5')	2/12/2026						G		X				
S-8 (0-1')	2/12/2026						G		X				
S-8 (1.5')	2/12/2026						G		X				
S-8 (2')	2/12/2026						G		X				
S-8 (3')	2/12/2026						G		X				
S-8 (4')	2/12/2026						G		X				
S-8 (4.5')	2/12/2026						G		X				
S-9 (0-1')	2/12/2026						G		X				
S-9 (1.5')	2/12/2026						G		X				

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2-13-26 1700

2/18/2026

Work Order No:

Page 6 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainenfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: ☐ UST/PST ☐ PRP ☐ brownfields ☐ RRC ☐ perfund	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

[illegible]

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			2.13.24 1700

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68287-1

SDG Number: 3136

Login Number: 68287

List Number: 1

Creator: Dyal, Erica

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	

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 606313

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 606313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nOY1710038346
Incident Name	NOY1710038346 LEA UNIT WEST BATTERY (03.23.2017) @ 30-025-42885
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-42885] LEA UNIT #044H

Location of Release Source

Please answer all the questions in this group.

Site Name	Lea Unit West Battery (03.23.2017)
Date Release Discovered	03/23/2017
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Injection Produced Water Released: 90 BBL Recovered: 80 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 606313

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 606313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 07/20/2026
--	--

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QUESTIONS, Page 3

Action 606313

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 606313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	234
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/01/2026
On what date will (or did) the final sampling or liner inspection occur	09/01/2026
On what date will (or was) the remediation complete(d)	09/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	8500
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	24300
What is the estimated volume (in cubic yards) that will be remediated	0
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Santa Fe, NM 87505

QUESTIONS, Page 4

Action 606313

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 606313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Proposing to conduct an additional site assessment to install two (2) additional sample points followed by a composite sampling event as previous vertical and horizontal delineation samples of the six (6) spills onsite did not show any signs of contamination remaining onsite. Once approved (with comments), will conduct sampling event with C-141N's submitted for all six (6) spill incidents onsite. Please change coordinates for incident to "32.589301, -103.521601"
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 07/20/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 606313

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 606313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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, Page 6

Action 606313

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 606313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

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CONDITIONS

Action 606313

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 606313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The remediation plan is approved. The confirmation sampling plan taking confirmation samples of no more than 400 square feet is approved. Proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC is required. Confirmation soil samples must consist of five-point composite samples from the side wall and base and individual grab samples from any wet or discolored areas, representing a surface area of no more than 400 ft2.	8/11/2026