CARMONA RESOURCES

SITE INFORMATION

Work Plan
Salado Draw 23 Central Tank Battery (12.03.2023)
Incident # NAPP2334143989
Lea County, New Mexico
Unit N Sec 14 T26S R32E
32.035793°, -103.646698°

Produced Water & Crude Oil Release
Point of Release: Pinhole leak in a spool piece and ruptured underground at the transition piece.
Release Date: 12.03.2023
Volume Released: 0.293 Barrels of Crude Oil & 29.161 Barrels of Produced Water
Volume Recovered: 0 Barrels of Crude Oil & 0 Barrels of Produced Water

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Prepared for:
Chevron U.S.A., Inc.
6301 Deauville Blvd
Midland, Texas 79706

Prepared by:
Carmona Resources, LLC
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December 31, 2024

Mr. Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Work Plan
Salado Draw 23 Central Tank Battery (12.03.2023)
Chevron U.S.A., Inc.
Incident # NAPP2334143989
Site Location: Unit N Sec 14 T26S R32E
(Lat 32.035793°, Long -103.646698º)
Lea County, New Mexico

Mr. Bratcher:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC (Carmona Resources) has prepared this letter to document site assessment activities for the Salado Draw 23 Central Tank Battery (12.03.2023). The site is located at 32.035793°, -103.646698° within Unit N, S14, T26S, R32E in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 3, 2023, due to a pinhole leak in a spool piece, rupturing an underground transition piece. It resulted in the release of approximately zero point two nine three (0.293) barrels of crude oil and twenty-nine point one six one (29.161) barrels of produced water into the pasture. Approximately zero (0) barrels of crude oil and zero (0) barrels of produced water were recovered. Refer to Figure 4. The Notification of Release is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. On September 24, 2024, Carmona Resources was onsite to drill a groundwater determination bore to 112’ bgs within a 0.50-mile radius of the location. The groundwater determination bore is located approximately 0.46 miles Northeast of the site in S14, T26S, R32E (32.036472°, -103.639639°). The groundwater determination bore was drilled to a depth of 112 feet below the ground surface (ft bgs). No water was detected after 72 hours. A copy of the associated well log is attached in Appendix D.

Additionally, a karst survey was completed on August 14, 2024, per BLM request. The Karst Survey was completed in order to proceed with remediating per the standards set in Table 1 NMAC 19.15.29.12 Groundwater >100 feet due to the site being determined to be in a “Low Karst” environment. See Appendix D for Site Characterization, Groundwater Information, and Karst Survey.

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3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

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

4.0 Site Assessment Activities

Initial Assessment

Between December 12, 2023 and February 14, 2024, a third-party environmental consultant was onsite to assess the entire release area following a surface scrape to remove all free standing fluids and any stained soil seen on the surface. A total of fourteen (14) sample points (S-1 through S-14) were advanced to depths ranging from surface to 5.0' bgs inside the release area to evaluate the vertical and horizontal extent. See Figure 4 for the soil sample locations. The samples were delivered to Eurofins Laboratories in Midland, Texas and 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 E.

Vertical Delineation

Vertical delineation was originally achieved in the areas of S-1 through S-14 for Benzene, total BTEX, TPH, and Chloride concentrations.

Horizontal Delineation

The areas of S-1, S-2, S-6, S-7, and S-14 help horizontally define the area and all were below the regulatory limits for Benzene, total BTEX, TPH, and Chloride concentrations.

Carmona Resources was awarded this project in June of 2024 and an internal action plan was created to remediate the area utilizing previous data collected. Following the creation of this internal remediation plan, costs from contractors were put together to excavate all impacted material. Days before beginning the remediation, Carmona Resources was made aware that an additional release had occurred overtop of this exact same spill area by a different operator. NGL Water Solutions (NGL) released produced water on July 26, 2024 (NAPP2422243094). Carmona Resources was employed by NGL to map out and assess the area. The Chevron spill incident was located further to the north and terminated after traveling 650 feet, covering the area of 0.32 acres. The NGL spill incident traveled approximately 1,500 feet, covering 1.34 acres before terminating. Figure 3 shows the overlapping NGL (NAPP2422243094) spill incident with this Chevron (NAPP2334143989) spill incident. Due to parts of the NGL (NAPP2422243094) spill incident overlapping the Chevron release, NGL requested a site assessment of the entire area to be conducted to determine if contamination has traveled deeper in the soil column. Subsequently, Carmona Resources will draft a work plan that will be submitted for the NGL release as well.

NGL (NAPP2422243094) Site Assessment

Please note the sample dates found in Table 1 for the samples found below as there is similar sampling nomenclature in both the initial Chevron site assessment(s) and the following NGL site assessment(s). Sample correlation can be found in the "Secondary Assessment" section below as well as in Table 1

On August 30, 2024, Carmona Resources performed a site assessment to evaluate soil impacts stemming from the NGL (NAPP2422243094) release. A total of twelve (12) sample points (S-1 through S-12) and fourteen (14)

horizontal sample points (H-1 through H-14) were advanced to depths ranging from surface to 6.0' bgs inside the release area to evaluate the vertical and horizontal extent. See Figure 4 for the soil sample locations. 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 Laboratories 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 E.

Vertical Delineation

Vertical delineation was achieved in the areas of S-1, S-2, S-5, S-7, S-8, and S-12 for Benzene, total BTEX, TPH, and Chloride concentrations. The areas of S-3, S-4, S-6, S-9, S-10, and S-11 were not vertically delineated during the initial assessment for Chloride concentrations. Those areas were returned to at a later date to be vertically delineated, see below.

Horizontal Delineation

The areas of H-1 through H-14 were below the regulatory limits for Benzene, total BTEX, TPH, and Chloride concentrations.

Secondary Assessment

On October 7, 2024, Carmona Resources performed a site assessment to evaluate soil impacts stemming from the release. A total of eight (8) test trenches (T-1 through T-8) were advanced to depths ranging from surface to 15.0' bgs inside the release area to further evaluate the vertical extent. Test Trenches were installed in areas that needed further delineation following review of data from the initial site assessment. The following samples points from the original Chevron (NAPP2334143989) site assessment correlate with the sample points and test trenches from the NGL (NAPP2422243094) release (Sample points highlighted in Blue are from the original Chevron (NAPP2334143989) release, to ease the reader in keeping track sample points): (S-1/T-1/S-4/S-5, S-2/T-2/S-2/S-3, S-3/T-3/S-1, S-4/T-4, S-6/T-5, S-9/T-6, S-10/T-7, S-11/T-8). The original areas of the Chevron (NAPP2334143989) sample points, S-6 through S-14 did not get further delineated since they did not receive any impact from the NGL (NAPP2422243094) release. See Figure 4 for the soil sample locations. 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 Laboratories 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 E.

Vertical Delineation

Vertical delineation was achieved in all areas of (S-1/T-1/S-4/S-5, S-2/T-2/S-2/S-3, S-3/T-3/S-1, S-4/T-4, S-6/T-5, S-9/T-6, S-10/T-7, S-11/T-8) for Benzene, total BTEX, TPH, and Chloride concentrations. The sampling results are summarized in Table 1. See Figure 4 for the sample locations.

5.0 Proposed Work Plan

Based on the analytical data and the detected chloride & TPH concentrations, Chevron proposes to remediate the areas shown in Figure 5 and highlighted (blue) in Table 1.

- The areas S-1/T-1/S-4/S-5 will be excavated to a depth of 4.5' bgs and backfilled with clean material to grade.
- The areas S-2/T-2/S-2/S-3 will be excavated to a depth of 4.5' bgs and backfilled with clean material to grade.

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- The areas S-3/T-3/S-1 will be excavated to a depth of 4.5’ bgs and backfilled with clean material to grade.
- The area of S-8 will be excavated to a depth of 4.5’ bgs and backfilled with clean material to grade.
- The area of S-10 will be excavated to a depth of 2.5’ bgs and backfilled with clean material to grade.
- The area of S-13 will be excavated to a depth of 1.0’ bgs and backfilled with clean material to grade.
- The area of S-6 was originally the southeastern most horizontal delineation point, but has since been spill overtop of from the NGL release. This area will be excavated to a depth of 4.5 due to the contamination caused by the NGL (NAPP2422243094) release.
- As part of the NGL (NAPP2422243094) work plan, the areas S-4/T-4, S-5, S-6/T-5, S-7, S-9/T-6, S-10/T-7, and S-11/T-8 will be excavated to a depth of 4.5’ bgs and backfilled with clean material to grade.
- As part of the NGL (NAPP2422243094) work plan, the area of S-8 will be excavated to a depth of 3.5’ bgs and backfilled with clean material to grade.
- As part of the NGL (NAPP2422243094) work plan, the area of S-12 will be excavated to a depth of 2.5’ bgs and backfilled with clean material to grade.
- An estimated 1,994 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth of the Chevron (NAPP2334143989) release. However, it is subject to change if vertical delineation is achieved sooner.
- A variance is requested per 19.15.29.14. An NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 500 square feet to represent the release area.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The entire site will be reseeded with BLM #2 seed mix. The remediation will be implemented 90 days after the work plan is approved.
- All impacted areas shown in Figure 3 from the NGL (NAPP2422243094) release will be excavated to the same standards set in Table 1 NMAC 19.15.29.12 Groundwater >100 feet as mentioned above. A work plan for that incident (NAPP2422243094) will address those impacted areas. Due to both spill incidents overlapping each other and the anticipation of both incidents being remediated at the same time, a single closure report will be generated to cover both spill incidents. Since one continuous excavation and sampling event is anticipated, this will make the review process easier on the reader.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities 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

Conner Moehring
Environmental Manager

Ashton Thielke
Environmental Manager

FIGURES

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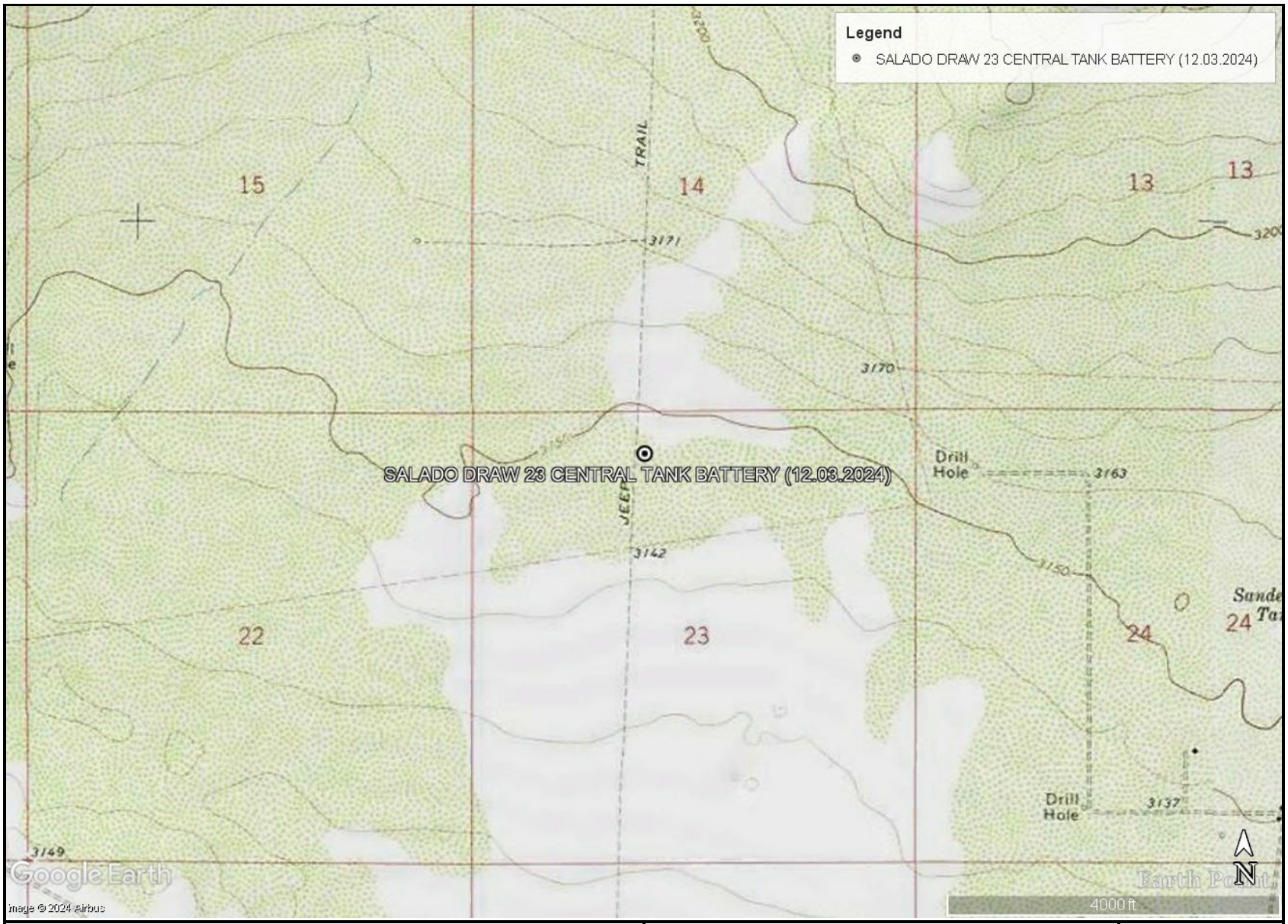
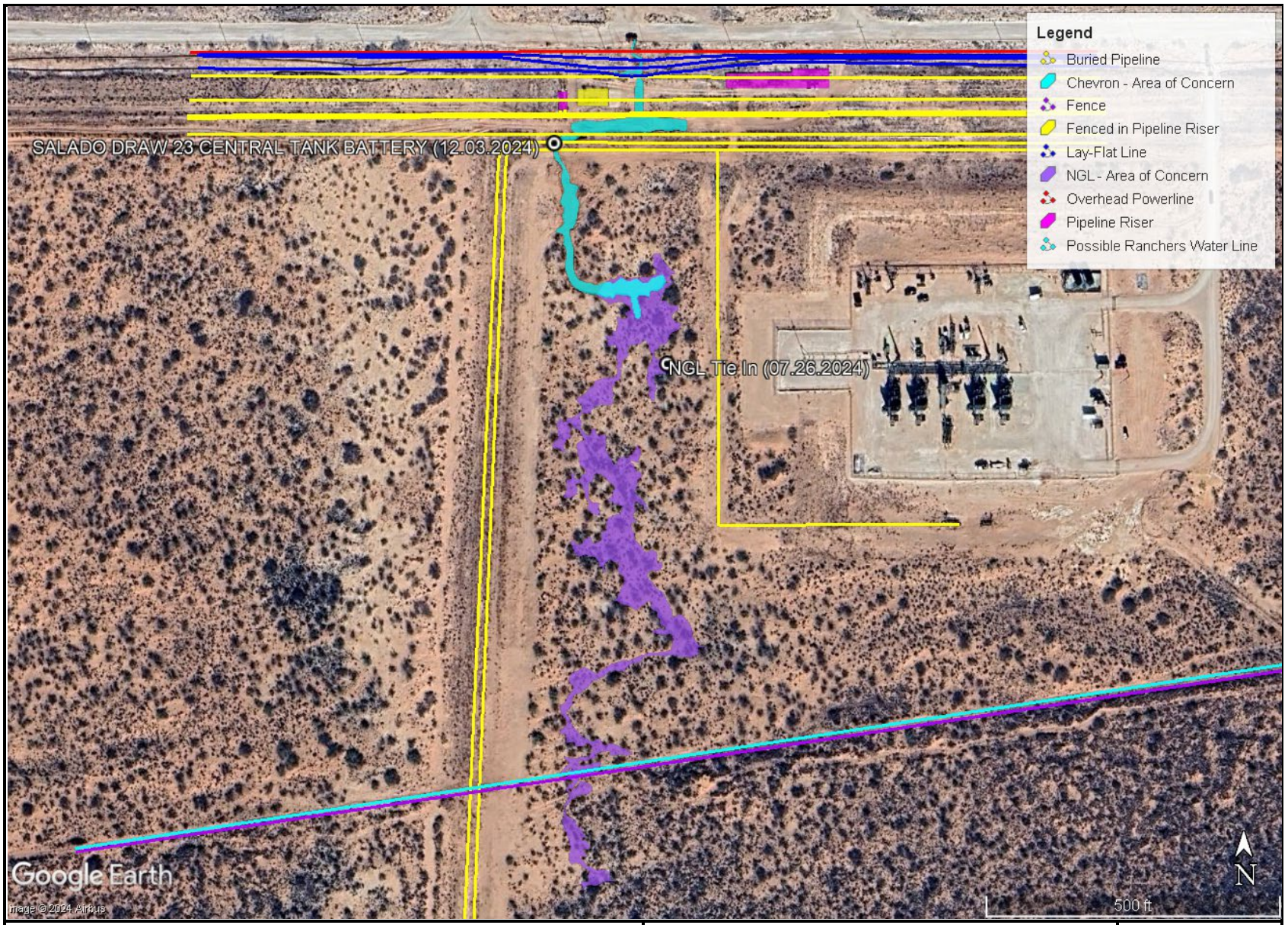
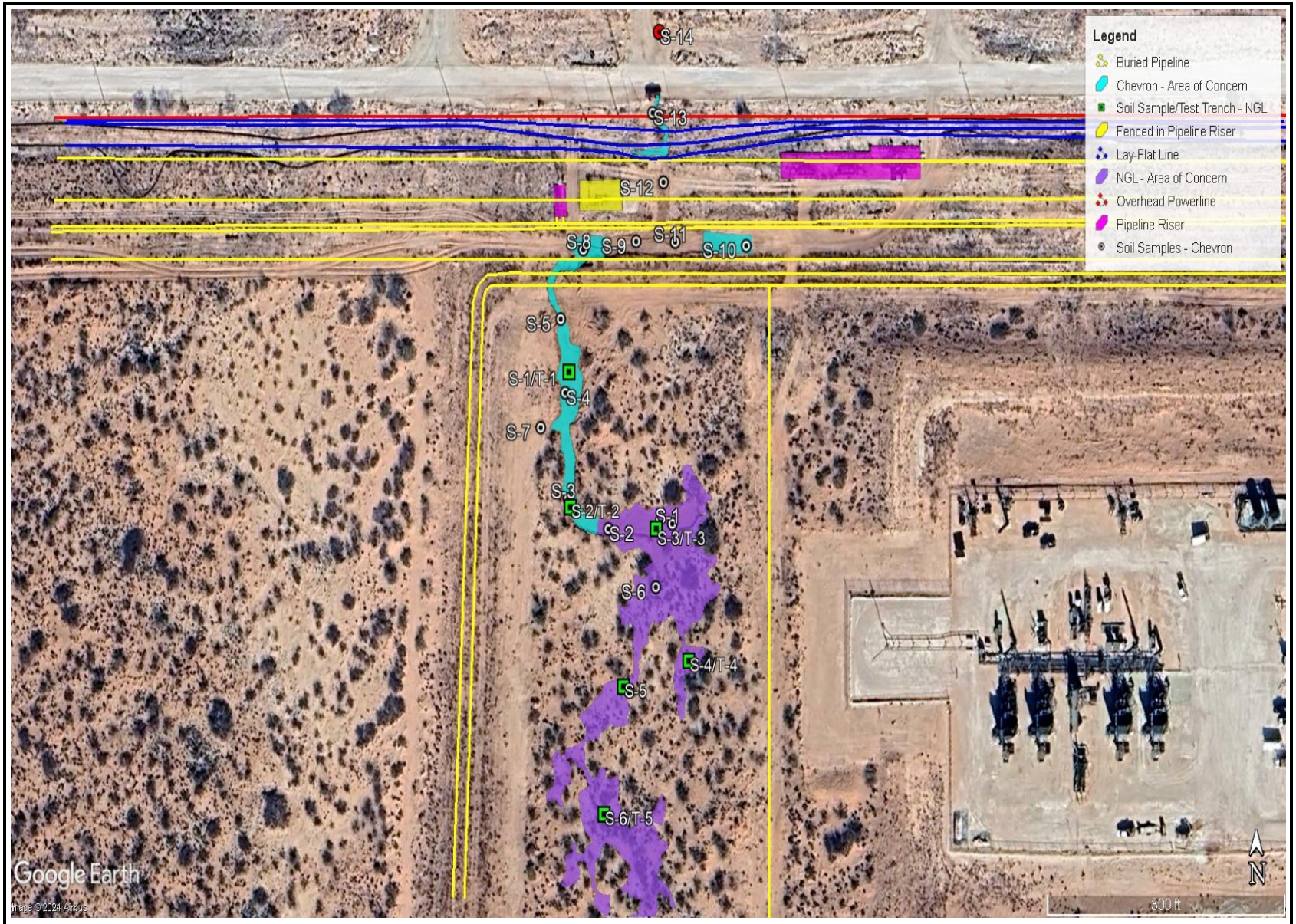
SITE OVERVIEW MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 1



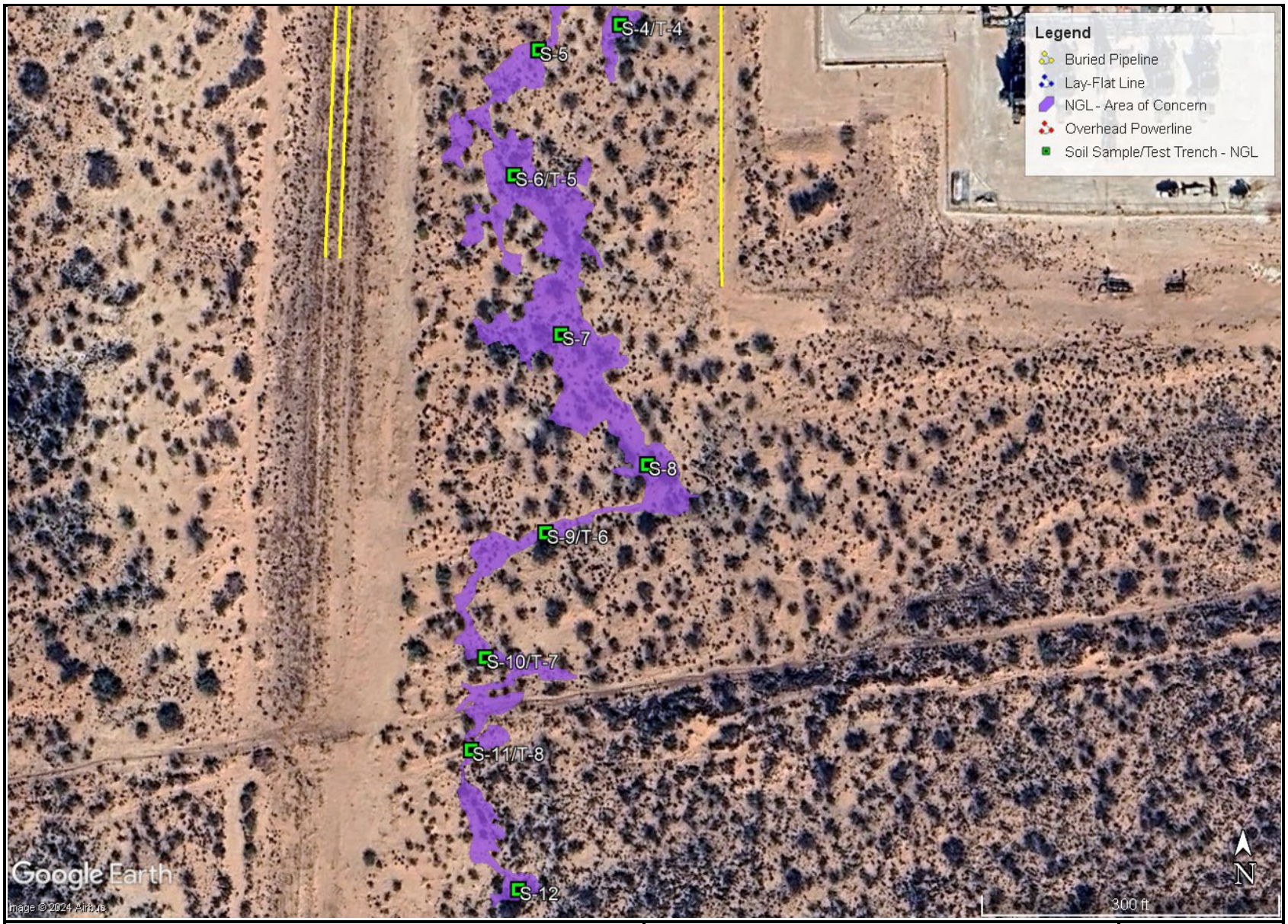
TOPOGRAPHIC MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 2



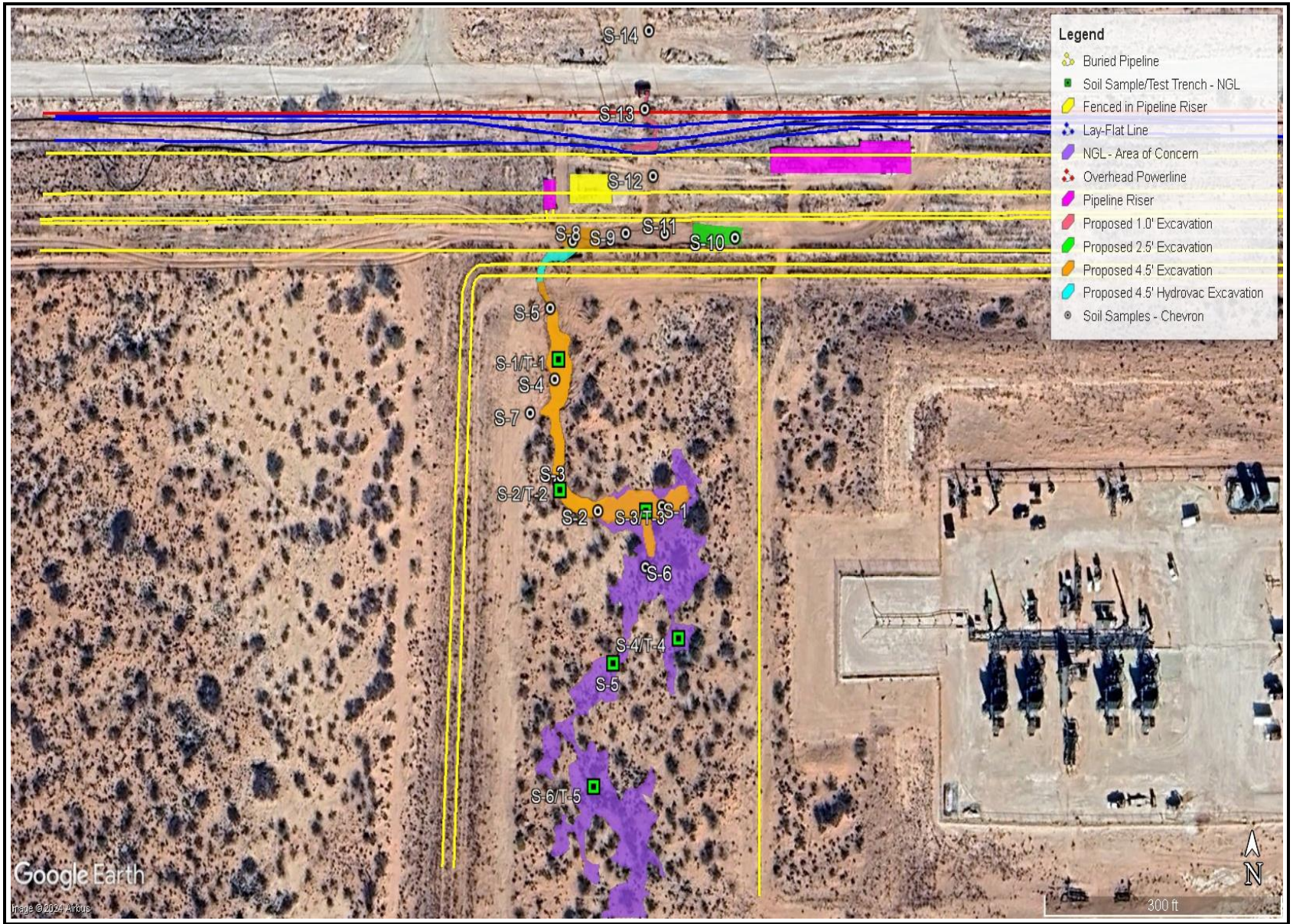
RELEASE OVERLAP MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 3



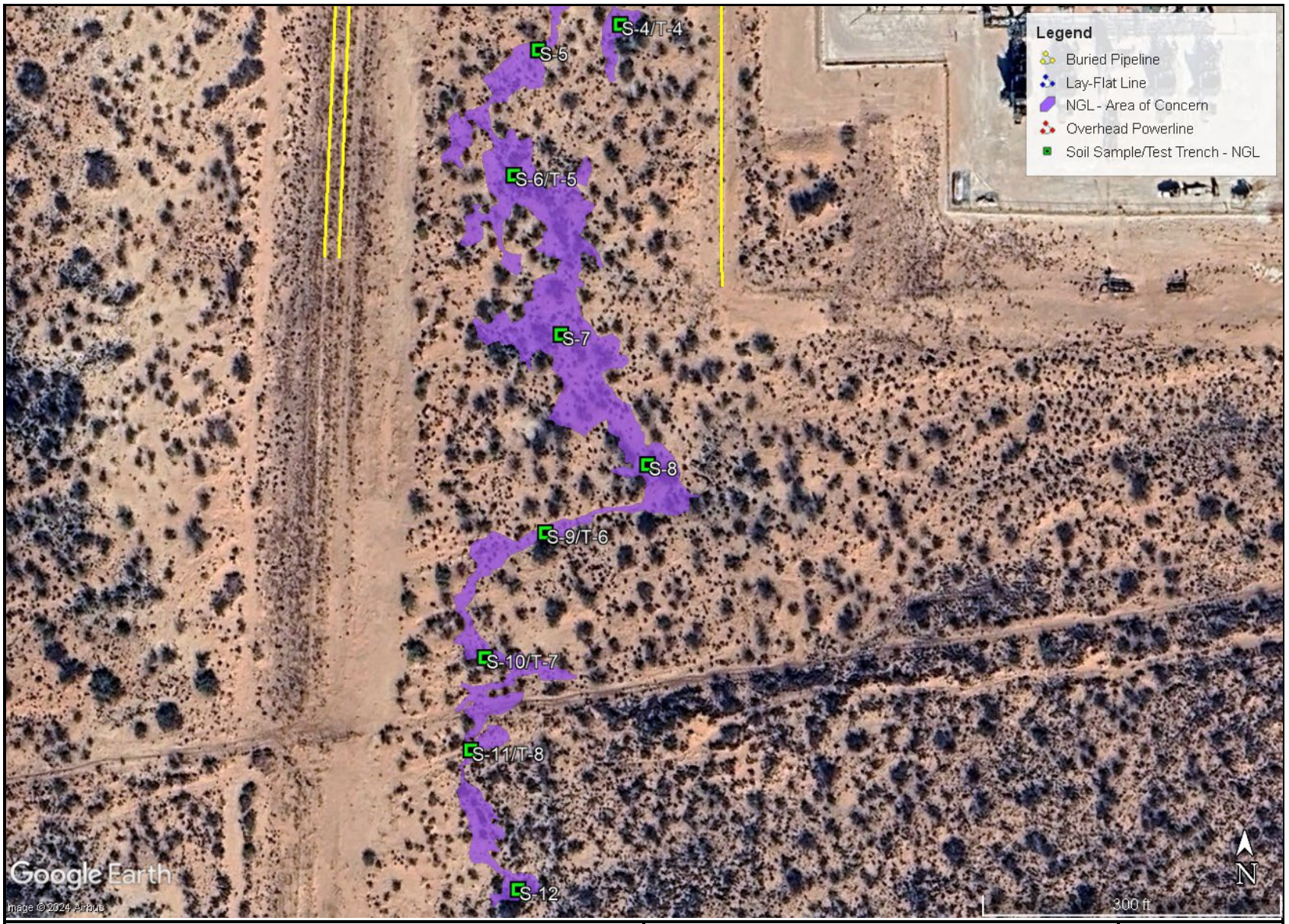
SAMPLE LOCATION MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 4A



SAMPLE LOCATION MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 4B



PROPOSED EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 5A



PROPOSED EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 5B

APPENDIX A

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Table 1
Chevron U.S.A., Inc.
Salado Draw 23 Central Tank Battery (12.03.2023)
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						
S-1 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.7	**456**	<49.7	**456**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,210**
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,450**
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,830**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,770**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**5,940**
T-1 (Samples from NGL Delineation)	10/7/2024	0-1.0'	<50.0	**119**	<50.0	**119**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**1,550**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,620**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,840**
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,080**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,650**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,550
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,820
	"	7.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	4,530
	"	8.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,850
	"	9.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,130
	"	10'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,870
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,980
	"	12'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,590
	"	13'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
	"	14'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.1
S-3	12/12/2023	1' - 2'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,920**
	2/14/2024	3.0'	<49.5	<49.5	<49.5	<49.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	348
	"	5.0'	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	72.6
S-4	12/12/2023	1' - 2'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,110**
	2/14/2024	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**736**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	128
S-5	12/12/2023	1' - 2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,660**
	2/14/2024	3.0'	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**2,080**
	"	5.0'	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,770
S-2 (Samples from NGL Delineation)	8/30/2024	0-1'	<50.0	**1,130**	<50.0	**1,130**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**3,370**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,260**
	"	2.0'	<49.9	**157**	<49.9	**157**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**2,740**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**3,740**
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,880**
	"	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	2,990
T-2 (Samples from NGL Delineation)	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	309
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	539
	"	2.0'	<49.9	72.0	<49.9	72.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**910**
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	0.00238	<0.00402	<0.00402	**2,520**
	"	4.0'	<49.8	**614**	<49.8	**614**	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**3,920**
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	8,090
	"	6.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	534
	"	7.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,580
	"	8.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,420
	"	9.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,050
	"	10'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	179
	"	11'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
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
(T) Test Trench
Proposed Excavation

Table 1
Chevron U.S.A., Inc.
Salado Draw 23 Central Tank Battery (12.03.2023)
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						
S-1	12/12/2023	1' - 2'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.4
S-2	12/12/2023	1' - 2'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	22.8
S-3 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,480**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**7,020**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**6,550**
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**4,540**
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**4,970**
T-3 (Samples from NGL Delineation)	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**3,090**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,640**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**4,060**
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5,680**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**10,000**
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,780**
	"	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,200
	"	7.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5,020
	"	8.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,990
	"	9.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,050
	"	10'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,180
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,460
	"	12'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	4,680
	"	13'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,930
	"	14'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,670
	"	15'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
S-4 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**13,900**
	"	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,860**
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,200**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,570**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,540**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,080
T-4 (Samples from NGL Delineation)	10/7/2024	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	0.00453	0.0261	0.0307	**3,040**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	185
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<10.1
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.94
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
(T) Test Trench
Proposed Excavation

Table 1
Chevron U.S.A., Inc.
Salado Draw 23 Central Tank Battery (12.03.2023)
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						
S-6	12/12/2023	0 - 0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5.71
S-7	12/12/2023	0 - 0.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
S-8	12/12/2023	1' - 2'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**1,710**
	2/14/2024	3.0'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,720**
	"	5.0'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	386
S-9	12/12/2023	1' - 2'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	79.2
S-10	12/12/2023	1' - 2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,390**
	2/14/2024	3.0'	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	83.8
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	108
S-11	12/12/2023	1' - 2'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	197
S-12	12/12/2023	0 - 0.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.8
S-13	12/12/2023	0 - 0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,900**
	2/14/2024	1.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	430
	"	3.0'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	119
	"	5.0'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	108
S-14	12/12/2023	1' - 2'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	57.3
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
(T) Test Trench
Proposed Excavation

Table 1
Chevron U.S.A., Inc.
Salado Draw 23 Central Tank Battery (12.03.2023)
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						
The samples below are all from the delination of the NGL Tie In (07.26.2024) - NAPP2422243094												
S-5 (Samples from NGL Delineation)	8/30/2024	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**7,720**
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,100**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,790**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,380**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,530**
	"	5.0'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	152
S-6 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,630**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,050**
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**1,720**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,370**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**4,220**
	"	5.0'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,640
	"	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,670
T-5 (Samples from NGL Delineation)	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,300**
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,220**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,300**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**2,140**
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,440**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	4,350
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,340
	"	7.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,550
	"	8.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,030
	"	9.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11,400
	"	10'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5,660
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,750
	"	12'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,880
	"	13'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,990
	"	14'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
S-7 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,690**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,600**
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,850**
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,310**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,170**
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,180
	"	6.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	464
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
(T) Test Trench
Proposed Excavation

Table 1
Chevron U.S.A., Inc.
Salado Draw 23 Central Tank Battery (12.03.2023)
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						
The samples below are all from the delination of the NGL Tie In (07.26.2024) - NAPP2422243094												
S-8 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,740**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,780**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,200**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,110**
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	205
	"	5.0'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	108
S-9 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**3,590**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,390**
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**3,280**
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,150**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**3,670**
	"	5.0'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,220
T-6 (Samples from NGL Delineation)	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**615**
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	134
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,890**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**2,920**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5,630**
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,620
	"	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,910
	"	7.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,080
	"	8.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	310
	"	9.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
S-10 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,200**
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**2,110**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,240**
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,750**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,860**
	"	5.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6,420
T-7 (Samples from NGL Delineation)	10/7/2024	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	433
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,250**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,700**
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,960**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**4,700**
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6,750
	"	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,760
	"	7.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	462
	"	8.0'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
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
(T) Test Trench
Proposed Excavation

Table 1
Chevron U.S.A., Inc.
Salado Draw 23 Central Tank Battery (12.03.2023)
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						
The samples below are all from the delination of the NGL Tie In (07.26.2024) - NAPP2422243094												
S-11 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,070**
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,210**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,810**
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**4,200**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**5,430**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,820
T-8 (Samples from NGL Delineation)	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	281
	"	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,390**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,800**
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**4,410**
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**5,830**
	"	5.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,100
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,390
	"	7.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.0
	"	8.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
S-12 (Samples from NGL Delineation)	8/30/2024	0-1'	<49.9	<49.9	50.4	50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**10,100**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,770**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,150**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	143
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	70.7
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	89.9
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
(T) Test Trench
Proposed Excavation

Table 1
Chevron U.S.A., Inc.
Salado Draw 23 Central Tank Battery (12.03.2023)
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						
The samples below are all from the delination of the NGL Tie In (07.26.2024) - NAPP2422243094												
H-1	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	163
H-2	8/30/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5.86
H-3	8/30/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.92
H-4	8/30/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.00
H-5	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
H-6	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.00
H-7	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.1
H-8	8/30/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.99
H-9	8/30/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	0.0254	0.0254	7.31
H-10	8/30/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
H-11	8/30/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.96
H-12	8/30/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.20
H-13	8/30/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.04
H-14	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
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 Point

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 1

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View East, area of S-1.

Photograph No. 2

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View East, area of S-1 & S-2.

Photograph No. 3

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View West, area of S-2 & S-3.

PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 4

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View East, area of S-1 & S-2.

Photograph No. 5

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View North, area of S-3 through S-5.

Photograph No. 6

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View North, area of S-3 through S-5.

PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 7

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

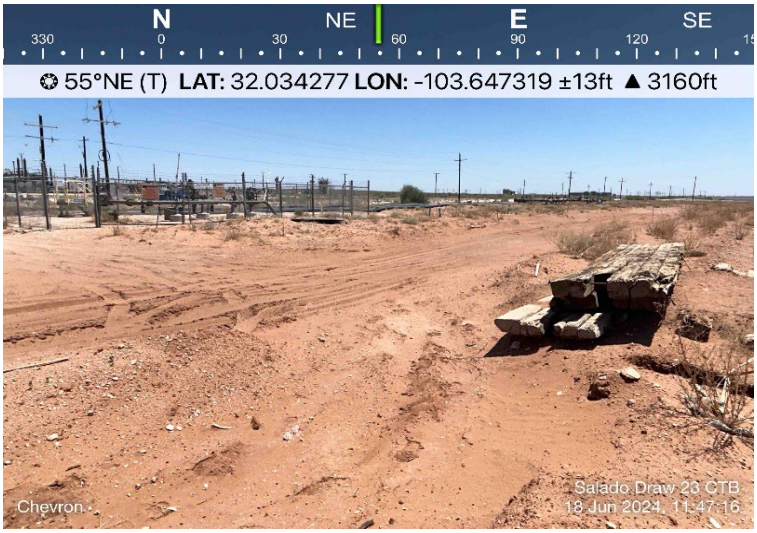
Description:
View South, area of S-3 through S-5.

Photograph No. 8

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Northeast, area of S-8, S-9, & S-11.



Photograph No. 9

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View North, area of S-12 & S-13.

PHOTOGRAPHIC LOG

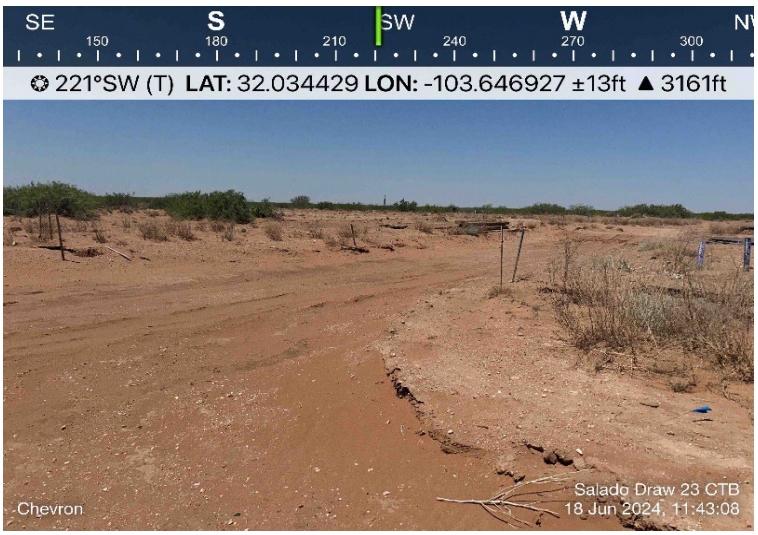
Chevron U.S.A., Inc.

Photograph No. 10

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Southwest, area of S-8, S-9, & S-11.



Photograph No. 11

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Southeast, area of S-11 & S-10.

Photograph No. 12

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View North, area of S-12 & S-13.

APPENDIX C

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 292317

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292317
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Salado Draw 23 Central Tank Battery
Date Release Discovered	12/03/2023
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 29 BBL | Recovered: 0 BBL | Lost: 29 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 (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292317
	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 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 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

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292317
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a release 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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Santa Fe, NM 87505

CONDITIONS

Action 292317

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292317
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
csmith1	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/7/2023

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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	nAPP2334143989
District RP	
Facility ID	fAPP2134340195
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron U.S.A., Inc.	OGRID: 4323
Contact Name: Catherine Smith	Contact Telephone: 432-967-9487
Contact email: catherinesmith@chevron.com	Incident # nAPP2334143989
Contact mailing address:6301 Deauville Blvd Midland, TX 79706	

Location of Release Source

Latitude: 32.035793 Longitude: -103.646698
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Salado Draw 23 Central Tank Battery	Site Type: Oil
Date Release Discovered: 12/3/2023	API# *(if applicable):*

Unit Letter	Section	Township	Range	County
N	14	26S	32E	Lea

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls): 0.293	Volume Recovered (bbls): 0
☒ Produced Water	Volume Released (bbls): 29.161	Volume Recovered (bbls): 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

Spill caused by a pinhole leak in a spool piece and ruptured underground transition piece.

Spill occurred at the Salado Draw Water Corridor – this spill will be attributed to the closest NMOCD-registered facility and the facility that the line was providing flow to at the time of spill, Salado Draw 23 CTB.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2334143989
District RP	
Facility ID	
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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? Spill volume exceeding 25 bbl.

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

Yes, by Catherine Smith to Mike Bratcher on 12/3 by email.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: ____Catherine Smith_____ Title: _Lead Environmental Specialist, Field Support _____

Signature: Catherine Smith Date: 12/14/2023_____

email: _____catherinesmith@chevron.com _____ Telephone: ____432-967-9487_____

OCD Only

Received by: _____ Date: _____

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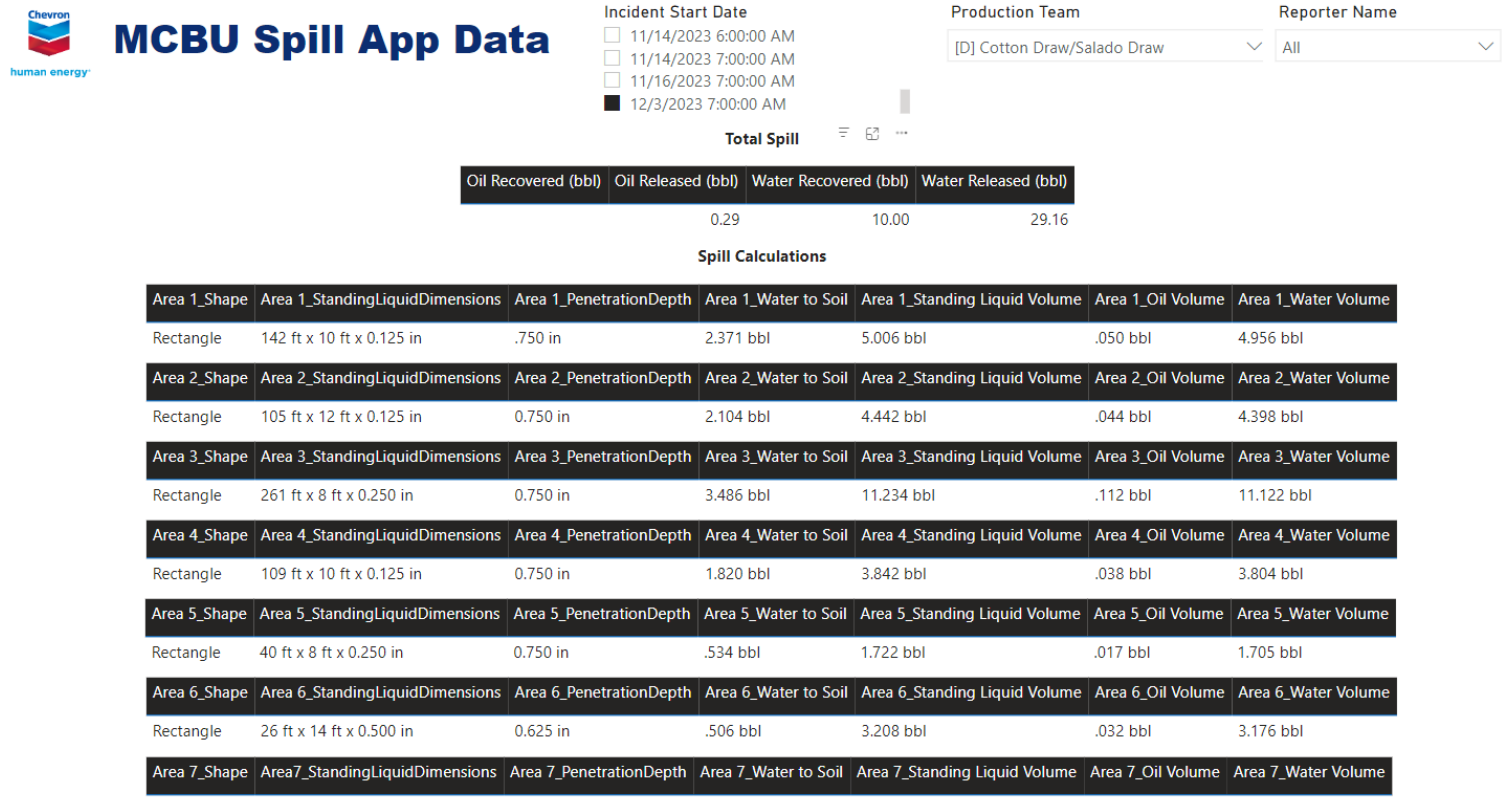
Application ID	

Spill Calculations:



MCBU Spill App Data

Incident Start Date
- 11/14/2023 6:00:00 AM
- 11/14/2023 7:00:00 AM
- 11/16/2023 7:00:00 AM
- 12/3/2023 7:00:00 AM

Production Team: [D] Cotton Draw/Salado Draw

Reporter Name: All

Total Spill

Oil Recovered (bbl)	Oil Released (bbl)	Water Recovered (bbl)	Water Released (bbl)
	0.29	10.00	29.16

Spill Calculations

Area 1_Shape	Area 1_StandingLiquidDimensions	Area 1_PenetrationDepth	Area 1_Water to Soil	Area 1_Standing Liquid Volume	Area 1_Oil Volume	Area 1_Water Volume
Rectangle	142 ft x 10 ft x 0.125 in	.750 in	2.371 bbl	5.006 bbl	.050 bbl	4.956 bbl
Area 2_Shape	**Area 2_StandingLiquidDimensions**	**Area 2_PenetrationDepth**	**Area 2_Water to Soil**	**Area 2_Standing Liquid Volume**	**Area 2_Oil Volume**	**Area 2_Water Volume**
Rectangle	105 ft x 12 ft x 0.125 in	0.750 in	2.104 bbl	4.442 bbl	.044 bbl	4.398 bbl
Area 3_Shape	**Area 3_StandingLiquidDimensions**	**Area 3_PenetrationDepth**	**Area 3_Water to Soil**	**Area 3_Standing Liquid Volume**	**Area 3_Oil Volume**	**Area 3_Water Volume**
Rectangle	261 ft x 8 ft x 0.250 in	0.750 in	3.486 bbl	11.234 bbl	.112 bbl	11.122 bbl
Area 4_Shape	**Area 4_StandingLiquidDimensions**	**Area 4_PenetrationDepth**	**Area 4_Water to Soil**	**Area 4_Standing Liquid Volume**	**Area 4_Oil Volume**	**Area 4_Water Volume**
Rectangle	109 ft x 10 ft x 0.125 in	0.750 in	1.820 bbl	3.842 bbl	.038 bbl	3.804 bbl
Area 5_Shape	**Area 5_StandingLiquidDimensions**	**Area 5_PenetrationDepth**	**Area 5_Water to Soil**	**Area 5_Standing Liquid Volume**	**Area 5_Oil Volume**	**Area 5_Water Volume**
Rectangle	40 ft x 8 ft x 0.250 in	0.750 in	.534 bbl	1.722 bbl	.017 bbl	1.705 bbl
Area 6_Shape	**Area 6_StandingLiquidDimensions**	**Area 6_PenetrationDepth**	**Area 6_Water to Soil**	**Area 6_Standing Liquid Volume**	**Area 6_Oil Volume**	**Area 6_Water Volume**
Rectangle	26 ft x 14 ft x 0.500 in	0.625 in	.506 bbl	3.208 bbl	.032 bbl	3.176 bbl
Area 7_Shape	**Area7_StandingLiquidDimensions**	**Area 7_PenetrationDepth**	**Area 7_Water to Soil**	**Area 7_Standing Liquid Volume**	**Area 7_Oil Volume**	**Area 7_Water Volume**

District I
1625 N. French Dr., Hobbs, NM 88240
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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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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 292323

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292323
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2334143989**
Incident Name	**NAPP2334143989 SALADO DRAW 23 CENTRAL TANK BATTERY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2134340195] Salado Draw 23 Central Tank Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Salado Draw 23 Central Tank Battery
Date Release Discovered	12/03/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 29 BBL | Recovered: 0 BBL | Lost: 29 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 (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292323
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**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: Catherine Smith Title: HSE Environmental Specialist Email: catherinesmith@chevron.com Date: 12/14/2023

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292323
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292323
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	12/15/2023

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Chevron USA

Legend

- 0.46 Miles
- 0.50 Mile Radius
- 0.89 Miles
- Groundwater Determination Bore
- SD WE 14 Federal P7 #003H-#004H

GWDB - 115' - Drilled 10.12.2022 (DRY)

112' GWDB - Drilled 2024

SD WE 14 Federal P7 #003H-#004H

Google Earth

Released to Imaging: 1/21/2025 8:09:16 AM

Image © 2024 Airbus

3000 ft

N

Medium Karst

Chevron USA

Legend

- Medium
- SD WE 14 Federal P7 #003H-#004H

SD WE 14 Federal P7 #003H-#004H

Google Earth

Released to Imaging: 1/21/2025 8:09:16 AM

Image © 2024 Airbus

N

3000 ft

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)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04549 POD1		CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9		3344	0	0	0
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2		3366	55		
C 02271	R	CUB	LE		NE	SW	21	26S	32E	624449.0	3544111.0 *		3397	150	125	25
C 03595 POD1		CUB	LE	SE	NE	SW	21	26S	32E	624422.6	3544045.9		3440	280	180	100
C 02271 POD2		CUB	LE	SW	NE	SW	21	26S	32E	624348.0	3544010.0 *		3522	270	250	20
C 02323		C	LE	SW	NE	SW	21	26S	32E	624348.0	3544010.0 *		3522	405	405	0
C 03537 POD1		CUB	LE	SW	NE	SW	21	26S	32E	624250.4	3543985.6		3622	850		

Average Depth to Water: **192 feet**

Minimum Depth: **0 feet**

Maximum Depth: **405 feet**

Record Count: 7

UTM Filters (in meters):

Easting: 627720.00

Northing: 3545028.00

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.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		C-4880

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Chevron USA Inc. (Agent-H&R Enterprises, LLC/James Hawley)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
PO 3641	Hobbs	NM	88241

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	02	11.3	N
	LONGITUDE	103	38	22.7	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-24-24	9-24-24	112'	112'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 9-27-24

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0'	112'	6"	No Casing left in hole				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

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

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0'	25'	25'	Red Sand	Y ✓ N	
25'	60'	35'	Reddish Brown Sandy Clay	Y ✓ N	
60"	65"	5'	Pinkish Tan Sandy Clay	Y ✓ N	
65'	70'	5'	Yellow Sandy Clay	Y ✓ N	
70'	80'	10'	Reddish Brown Sandy Clay	Y ✓ N	
80'	85'	5'	Pinkish Tan Sandy Clay	Y ✓ N	
85'	112'	27'	Dark Red Sandy Clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: N/A

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Bore was gauged for water on 9-27-24, well bore was dry. Temporary well casing was removed. Borehole was backfilled to 10' BGS with drill cuttings, then hydrated Bentonite chips were poured from 10' BGS to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9-20-24 — DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

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

BORING RECORD

Start: 12:39
Finish: 14:32

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING PPM X	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING
	0	Caliche, 5YR 8/1, White, Fill	Caliche							SOIL : PPM
	5	Silty Sand, 5YR 5/6, Yellowish Red, Very Fine Grained Quartz, Poorly Sorted,Grain Imbedded with Caliche below 5', White, 5YR 8/1, Quartz Sand, Medium to Coarse Grade	SM							SOIL : PPM
	10									
	15									
	20	Sand, 7.5YR 5/6, Strong Brown, Very Fine Grained Quartz Sand, Rounded, Poorly Sorted Reddish Brown, 5YR 5/4, Yellowish Red, 5YR 5/6, below 20', Dry	SW			2			20	12:47
	25	Thin Caliche Beds Below 25', Indurated, 5YR 7/0, Pink, Moderately Hard								
	30									
	35	Sandstone Harder Below 30', Hard at 35'-40', Fine to Very Fine Grained Quartz Sand, Very Well Cemented	Sand Stone							
	40	Shale (Red Bed), 2.5YR 4/6, Red, Very Fine Grained, Poorly Sorted, Weakly Cemented, Dry				3			40	13:19
	45									
	50					4			60	13:39
	55	Below 50' Interbedded with Thin Sandstone Beds, Moderately Hard, Dry	Shale							
	60									
	65									

PID READING scale: 2 4 6 8 10 12 14 16 18

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
LABORATORY TEST LOCATION
PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

JOB NUMBER : Chevron/ 20-0107-23
HOLE DIAMETER : 5"
LOCATION : Malestorm 15-1 SWD 32°2'28.43"N, 103°39'35.87"W
LAI GEOLOGIST : M. Larson
DRILLING CONTRACTOR : Scarborough Drilling
DRILLING METHOD : Air Rotary

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 10/12/2022

BORING NUMBER : BH-1

BORING RECORD

Start: 12:39
Finish: 14:32

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING PPM X (2 4 6 8 10 12 14 16 18)	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING SOIL : PPM SOIL : PPM
	70	Sandstone, 2.5YR 5/9, Reddish Brown, Very Fine Grained Quartz Sand,Poorly Sorted, Soft to Moderate, Well Cemented	Sand Stone							
	75									
	80	Shale (Red Bed), 2.5YR 4/6 to 5/6, Red to Reddish Brown, Silty, Very Fine Grained Quartz Sand, Dry	Shale			5			80	13:56
	85									
	90									
	95									
	100									
	105		Shale							
	110									
	115	TD: 115'								
	120									
	125									
	130									

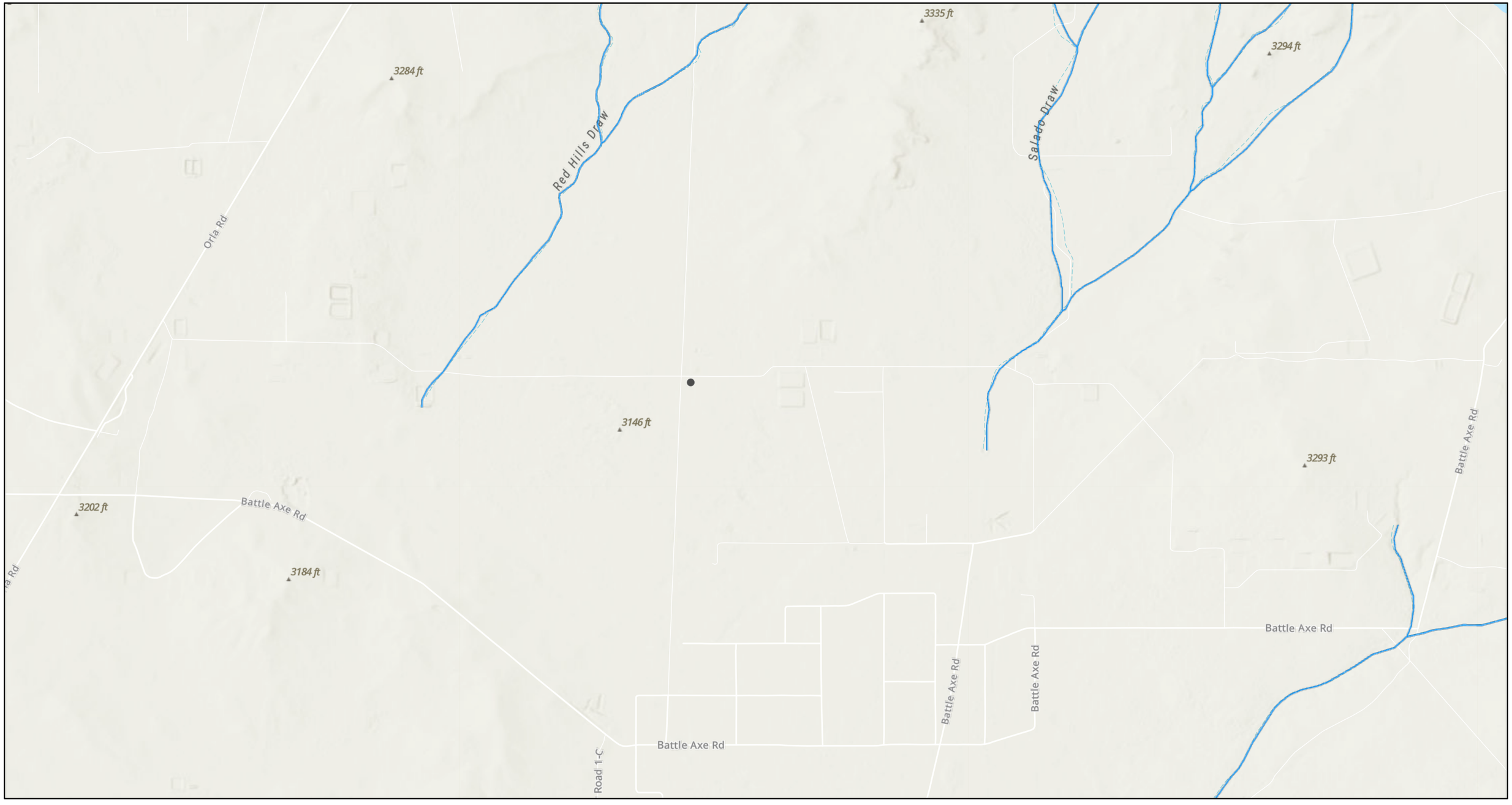
ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
L LABORATORY TEST LOCATION
\+ PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 10/12/2022
BORING NUMBER : BH-1

JOB NUMBER : Chevron/ 20-0107-23
HOLE DIAMETER : 5"
LOCATION : Malestorm 15-1 SWD 32°2'28.43"N, 103°39'35.87"W
LAI GEOLOGIST : M. Larson
DRILLING CONTRACTOR : Scarborough Drilling
DRILLING METHOD : Air Rotary

NGL Tie In (07.26.2024)



9/9/2024, 4:02:18 PM

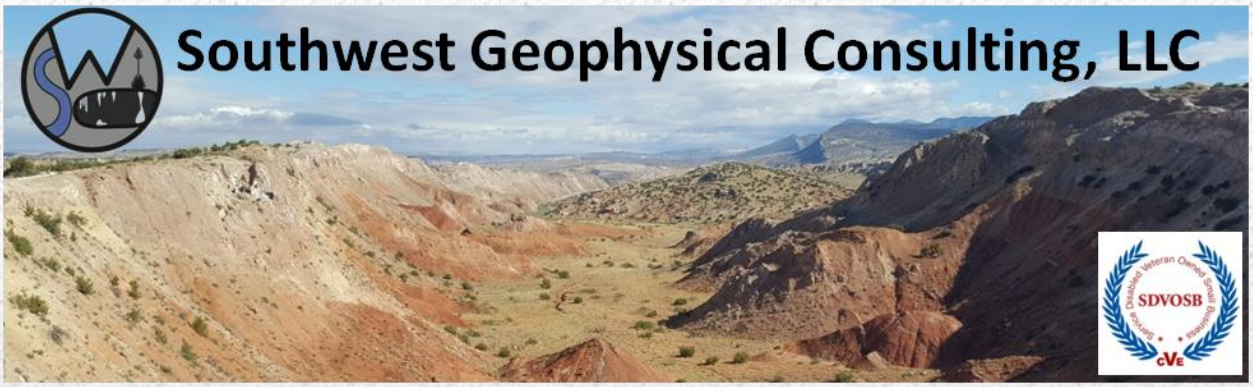
OSE Streams

1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE



Cave and Karst Resource Inventory Report
Salado Draw Pasture Release
Lea County, New Mexico

Prepared for:

Carmona Resources, LLC
310 West Wall Street, Suite 500
Midland, TX 79701

☐ **Positive within 200 feet of spill delineation boundary**

☑ **Negative within 200 feet of spill delineation boundary**

☐ **Karst Monitor Recommended**

September 13, 2024

CARM-002-20240814

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Published by:
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MMXXIV

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1.0 INTRODUCTION

An environmental karst survey was commissioned by Carmona Resources, LLC (hereinafter referred to as "the client"), on August 14, 2024, for the purpose of determining what, if any, karst-related surface features are present within a 200-foot (61-meter) boundary surrounding the Salado Draw Pasture Release area (hereinafter termed “SDPR”).

As indicated in section ***1.3 Affected Environment***, the bedrock and overlying soil at the survey site are susceptible to sinkhole development and karst features may be hidden beneath the existing soil stratum. Risk associated with sinkhole formation can be minimized during remediation by careful excavation of the spill site and the control of site hydrology. The owner/developer must recognize, however, that a risk of sinkhole-induced damage to infrastructure does exist even after remediation. If remediation measures have not already been conducted, performing a geophysical survey to determine if subsurface karst development exists for personnel and equipment safety should be considered.

1.1 Goals of this Study

To provide the client with the location, description, photos, and buffers of any surface karst-related features within a 200-foot (61-meter) survey boundary[1] for the SDPR project as provided by the client via e-mail (**Salado Draw Pasture - Carmona Resources - Karst Survey Outline.kmz**) on August 14, 2024.

1.2 Summary of Findings

No surface karst features are located within 200 feet (61 meters) of the spill delineation boundary for the SDPR project. Additionally, no surface karst features are located within the standard 200-meter karst survey boundary.

The lack of surface karst features does not mean the area is not karstified and the survey area may still contain buried karst features. Caution should be exercised while clearing brush and during any excavation operations.

A geophysical survey has not been conducted at this location[2]; therefore a subsurface evaluation has **NOT** been performed and a finding of stable ground beneath the release site cannot be provided at this time.

1.3 Affected Environment

The proposed SDPR project is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to

underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region.

Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The three primary concerns in these types of terrain are environmental issues, worker safety, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers[3]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)[4] (**Figure 1**).

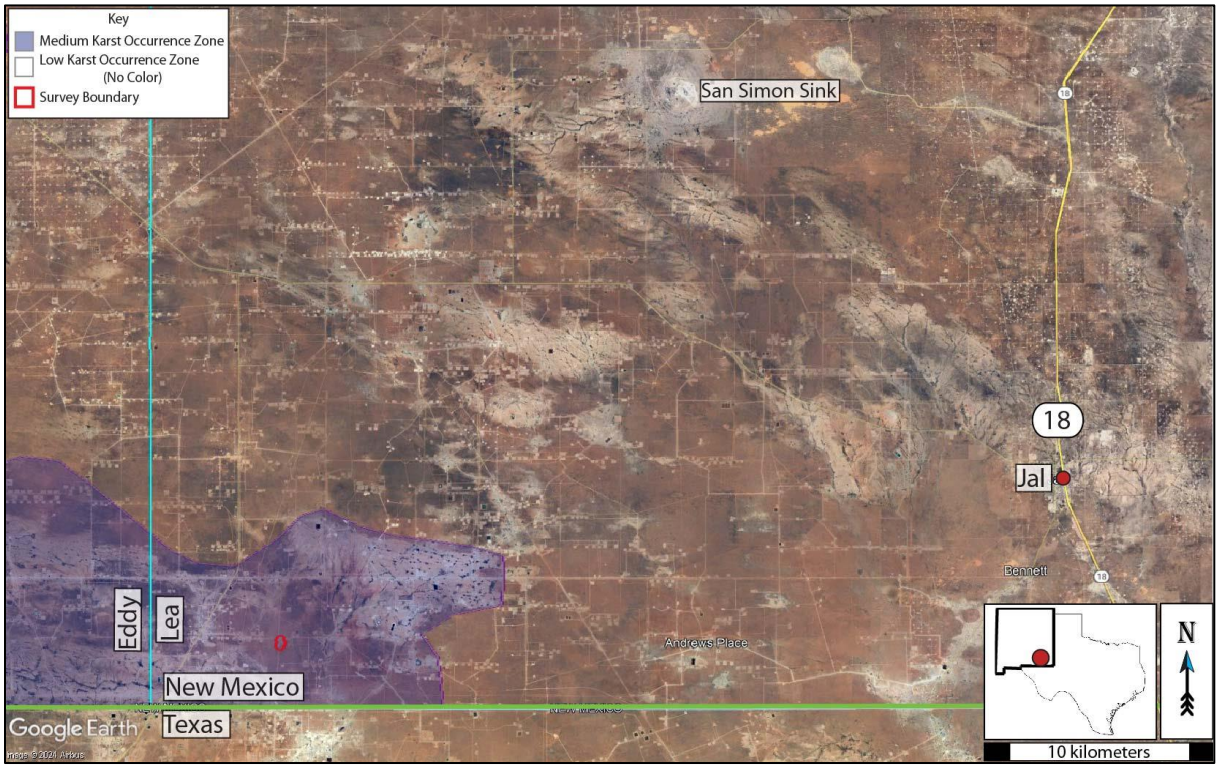

Figure 1: Karst occurrence overview. Background image: Google Earth. Image date: January 5, 2024. Datum: WGS-84.

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff[3].

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Carmona Resources, LLC, in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be considered.

To the best of our knowledge, information contained in this report is accurate at the date of issue; Due to the nature of karst terrain, information in this report shall not be used beyond three years past the date of imagery collection (see section ***2.3 Description of Survey***).

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The SDPR project site is located in Lea County, New Mexico, 44.2 kilometers (27.4 miles) west-southwest of Jal, New Mexico (**Figure 1** and **Figure 2**). The release is located within the NW ¼ section of section 23 of NM T26S R32E[5]. The region is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January[6]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map[7] and the vegetation consists mostly of areas of grass, sparse creosote, and sparse yucca, with very good visibility in most locations. See section ***2.2 Local Geology*** for the geology of the area. The entirety of the survey is within an MKOZ (**Figure 1**) and within BLM-CFO managed land (**Figure 2**).

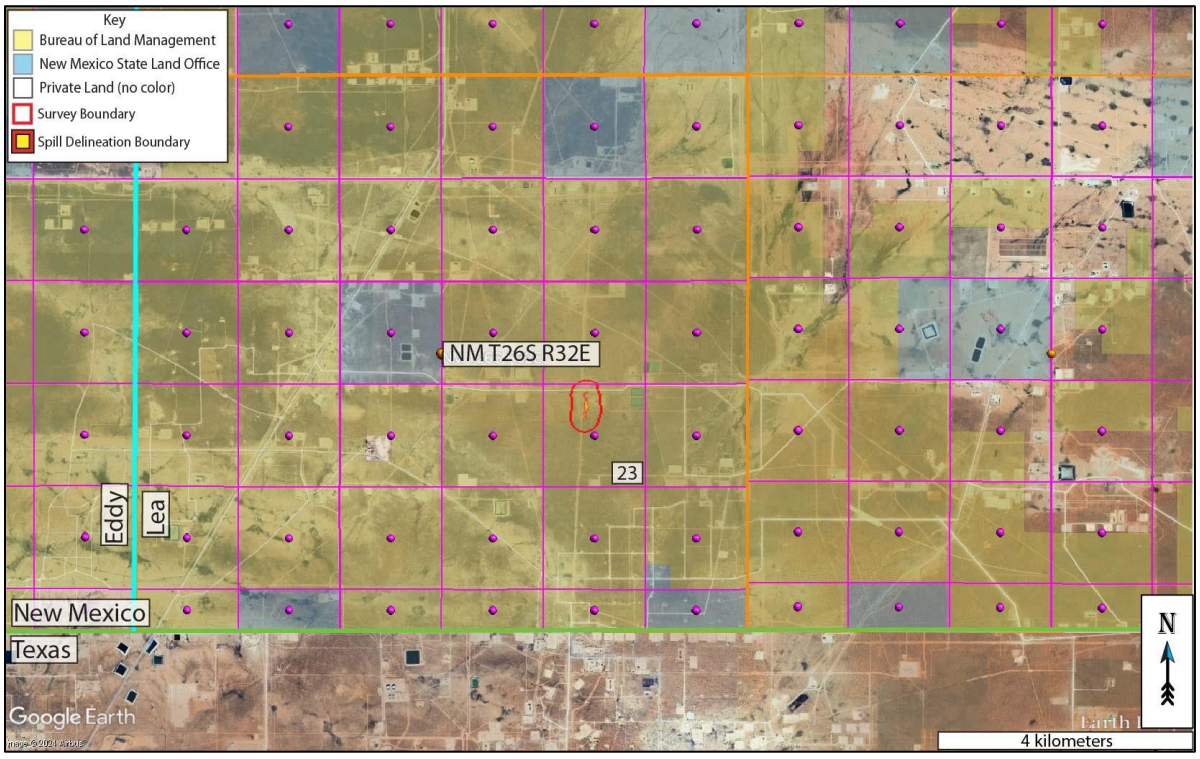

Figure 2: Land ownership[8] and PLSS[5] overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.2 Local Geology Summary

The area surveyed for the SDPR project is located east of Red Hills Draw at an elevation of 959 meters (3,146 feet), ± 2 meters (6.6 feet), within an area underlain by the Triassic Dockum Group (TRd) and the Permian Dewey Lake Formation (Pdl, covered by Quaternary deposits in the below image). The area is mantled by thin Quaternary eolian sands (Qe)[9] between 0 and 6 meters in depth (**Figure 3**).

The Dockum Group is contemporaneous with the Chinle Formation of the Colorado Plateau and is almost its exact equivalent[10]. The TRd is a mix of conglomerates, sandstones, mudstones and siltstones that are generally dark reddish-brown and contain conspicuous cross-laminations[11].

The Dewey Lake Formation is composed of calcite-cemented, hematite-stained quartz sand grains and occasional gypsum lenses and can, in favorable conditions, form cavernous porosity within 30 meters of the top of the underlying Rustler Formation[12]. The Dewey Lake is also known to be highly fractured near areas of heavy halite dissolution (e.g., Nash Draw) and these fractures can act as hydrologic conduits[13].

This area is moderately karstified and has sinkholes, swallets, caves, and other karst features nearby. The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale[14].

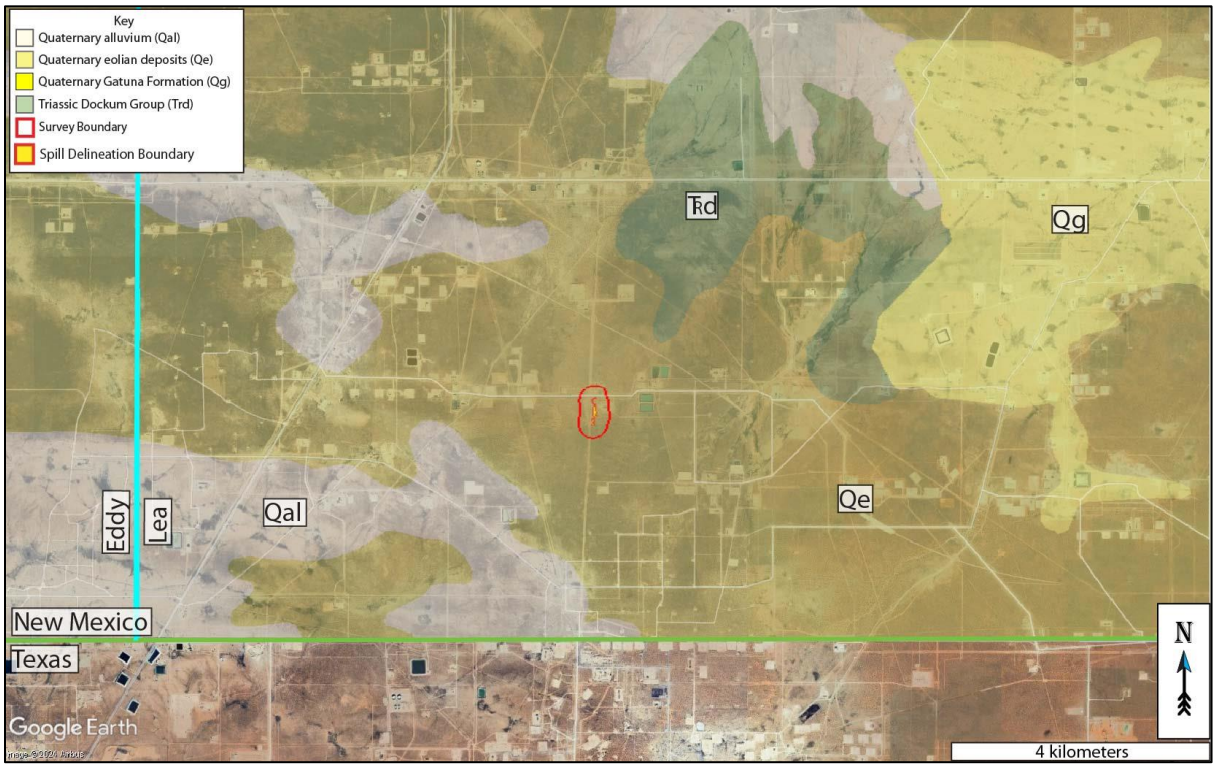

Figure 3: Geology overview. Map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format[9], and Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.3 Description of Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides aerial karst surveys using drones that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

Aerial karst surveys are conducted at low elevation following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 4**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by a highly qualified karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report[15].

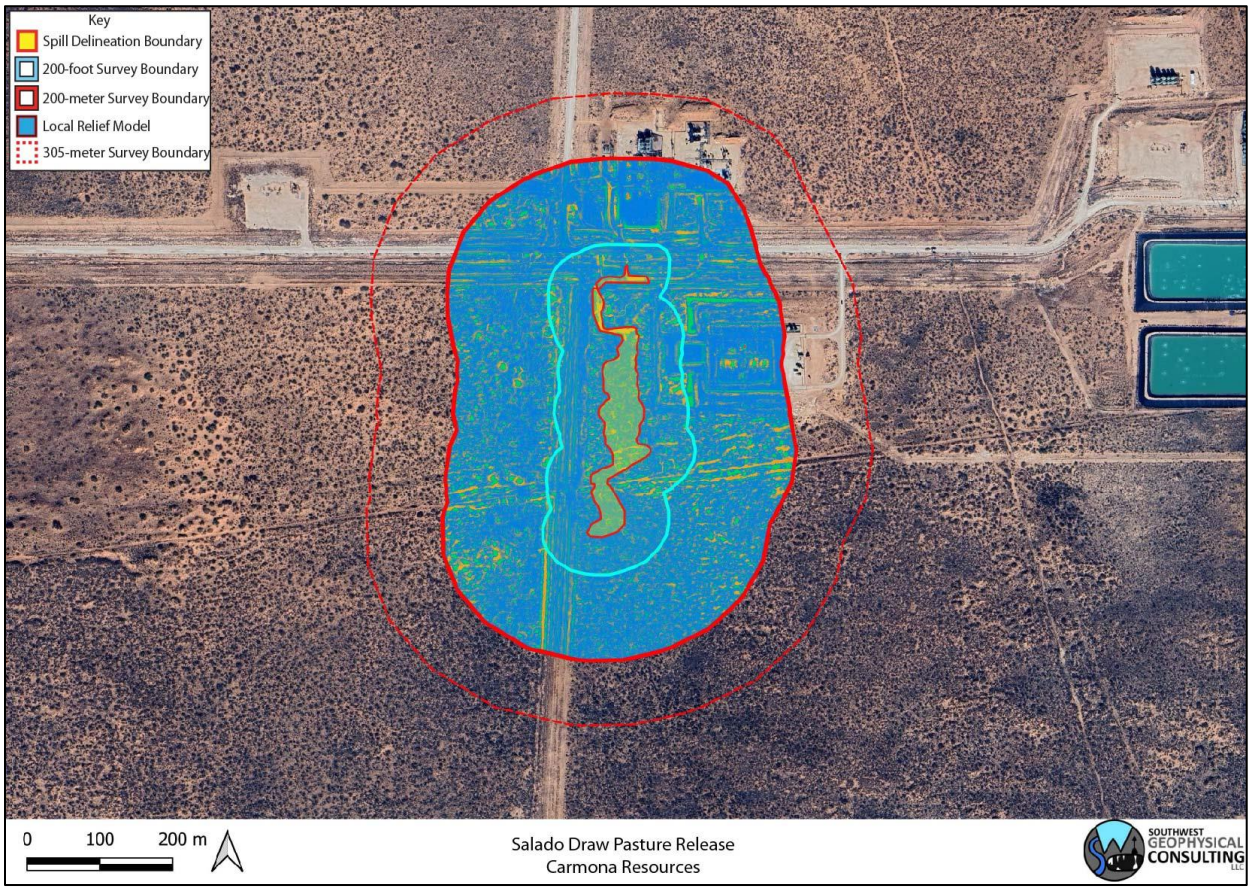

Figure 4: Survey overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

Resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they impact the facility's location. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery[16]. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 4**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on August 19, 2024. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by David Decker of Southwest Geophysical Consulting on August 25, 2024.

Prior to conducting the aerial karst survey, a surface karst desk study was performed by Southwest Geophysical Consulting within 305 meters (1,000 feet) of the spill delineation boundary[1]. The study was performed using satellite and aerial imagery from Google Earth Pro dated December 20, 2023 (please note features less than one meter in diameter are generally not visible using this method), the Southwest Geophysical Cave and Karst Database dated December 31, 2023[17], the Paduca Breaks West, NM, 1:24,000 quad, 1973, USGS topographic map, and the most recently available lidar data set from CalTopo (caltopo.com). Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

2.4 Description of Karst Features

No features identified as surface karst features are located within the survey area (**Figure 4**).

The lack of surface karst features does not mean the area is not karstified. Please be aware that the area may contain buried karst features. Caution is advised while clearing brush and during excavation activities.

A geophysical survey has not been conducted at this location[2]; therefore a subsurface evaluation has **NOT** been performed and a finding of stable ground beneath the release site cannot be provided at this time.

3.0 RECOMMENDATIONS

3.1 Summary

- **The SDPR survey area contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary provided by the client.**
- This area may contain subsurface karst features.
- Caution should be exercised while clearing brush and during any excavation operations.
- A geophysical survey has not been conducted at this location; therefore a subsurface evaluation has **NOT** been performed and a finding of stable ground beneath the release site cannot be provided at this time.

3.2 Disclosure Statement

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst vendor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Lea County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports for the BLM-CFO should be submitted to:

blm_nm_karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst survey reports for the OCD should be submitted to the respective project manager.

4.0 REFERENCES

1 Division, O. C. *Title 19, Chapter 15, Part 29* (Oil Conservation Division, 2018).

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16 Decker, D. *Discussion on karst feature naming standards for Southwest Geophysical Consulting, LLC* (Southwest Geophysical Consulting, LLC, 2022).

17 Decker, D. D. & Jorgensen, G. L. in *Southwest Geophysical Cave and Karst Database* (ed LLC Southwest Geophysical Consulting) (Albuquerque, NM, 2023).

5.0 GLOSSARY OF TERMS AND ABBREVIATIONS

ACEC	Area of Critical Environmental Concern
AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
DDSG(XX)	Dipole-Dipole, Strong Gradient (XX = number of electrodes)
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
InSAR	Interferometric Synthetic Aperture Radar. A method by which radar signals from satellites are processed to determine the amount and rate of subsidence of an area as well as whether the area is actively subsiding.
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
LED	Locally enclosed depression. A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not.
LKOZ	Low Karst Occurrence Zone
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can’t be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office

Ohm-m	Ohm-meter, a unit of measurement for resistivity. Also sometimes abbreviated Ω-m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation
Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SKF	Surface Karst Feature
SPAR	Small Party Assisted Rescue
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
Trd	Triassic Dockum Group
To	Tertiary Ogallala Formation

UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a PKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Raveling of soil into a pre-existing void or fracture.
GPS	Global Positioning System
NMSLO	New Mexico State Land Office
closed depression	A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not.
Pru	Permian Rustler Formation
Psl	Permian Salado Formation
Qal	Quaternary alluvium
Qp	Quaternary piedmont deposits
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment.
WGS	World Geodetic System

6.0 ATTESTATION

David D. Decker, PhD, PG, CPG
Chief Executive Officer, Principal Geologist
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
dave@swgeophys.com
(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of "qualified karst professional" set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of "qualified professional" for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number CARM-002-20240814 entitled, “Cave and Karst Resource Inventory Report, Salado Draw Pasture Release, Lea County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section ***2.3 Description of Survey***.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, September 16, 2024.

David D. Decker
PhD, CPG-12123

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

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JOB DESCRIPTION

Salado Draw 23 CTB
23-0102-07

JOB NUMBER

880-36992-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Job Notes

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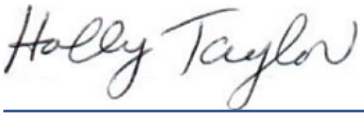
Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-36992-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

Qualifiers

GC VOA

Qualifier	Qualifier Description
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
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: Larson & Associates, Inc. Job ID: 880-36992-1
Project: Salado Draw 23 CTB

Job ID: 880-36992-1 Eurofins Midland

Job Narrative
880-36992-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 12/15/2023 8:42 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.2°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 1-2' (880-36992-1), S-2 1-2' (880-36992-2), S-3 1-2' (880-36992-3), S-4 1-2' (880-36992-4), S-5 1-2' (880-36992-5), S-6 0-.5' (880-36992-6) and S-7 0-.5' (880-36992-7).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 1-2' (880-36992-1), S-2 1-2' (880-36992-2), S-3 1-2' (880-36992-3), S-4 1-2' (880-36992-4), S-5 1-2' (880-36992-5), S-6 0-.5' (880-36992-6), S-7 0-.5' (880-36992-7), (CCV 880-69345/30), (CCV 880-69345/43), (LCS 880-69218/1-A), (LCSD 880-69218/2-A) and (880-36940-A-1-E). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-69345/8). 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.

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-69419/20) and (CCV 880-69419/5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 1-2' (880-36992-1), S-2 1-2' (880-36992-2), S-3 1-2' (880-36992-3), S-4 1-2' (880-36992-4), S-5 1-2' (880-36992-5), S-6 0-.5' (880-36992-6), S-7 0-.5' (880-36992-7), (880-36992-A-1-D MS) and (880-36992-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-69358 and analytical batch 880-69419 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-1 1-2'

Lab Sample ID: 880-36992-1
Matrix: Solid
Date Collected: 12/12/23 12:20
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*213*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 19:45*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*12/15/23 14:31*	*12/19/23 19:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/19/23 19:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/20/23 11:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		12/19/23 10:36	12/20/23 11:15	1
Diesel Range Organics (Over C10-C28)	<50.3	U F1	50.3		mg/Kg		12/19/23 10:36	12/20/23 11:15	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/19/23 10:36	12/20/23 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*154*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 11:15*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*12/19/23 10:36*	*12/20/23 11:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.4**		4.97		mg/Kg			12/18/23 11:06	1

Client Sample ID: S-2 1-2'

Lab Sample ID: 880-36992-2
Matrix: Solid
Date Collected: 12/12/23 12:30
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/15/23 14:31	12/19/23 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*171*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 20:11*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*12/15/23 14:31*	*12/19/23 20:11*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-2 1-2'

Lab Sample ID: 880-36992-2
Matrix: Solid
Date Collected: 12/12/23 12:30
Date Received: 12/15/23 08:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/19/23 20:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/20/23 12:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		12/19/23 10:36	12/20/23 12:21	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/19/23 10:36	12/20/23 12:21	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/19/23 10:36	12/20/23 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*158*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 12:21*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*12/19/23 10:36*	*12/20/23 12:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.8**		5.02		mg/Kg			12/18/23 11:21	1

Client Sample ID: S-3 1-2'

Lab Sample ID: 880-36992-3
Matrix: Solid
Date Collected: 12/12/23 12:40
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*212*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 20:37*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*12/15/23 14:31*	*12/19/23 20:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/19/23 20:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/20/23 12:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		12/19/23 10:36	12/20/23 12:43	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/19/23 10:36	12/20/23 12:43	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-36992-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

Client Sample ID: S-3 1-2' Lab Sample ID: 880-36992-3

Date Collected: 12/12/23 12:40 **Matrix: Solid**
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/19/23 10:36	12/20/23 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*147*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 12:43*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*12/19/23 10:36*	*12/20/23 12:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1920**		25.3		mg/Kg			12/18/23 11:26	5

Client Sample ID: S-4 1-2' Lab Sample ID: 880-36992-4

Date Collected: 12/12/23 12:50 **Matrix: Solid**
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/15/23 14:31	12/19/23 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 22:22*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*12/15/23 14:31*	*12/19/23 22:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/19/23 22:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/20/23 13:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 13:05	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 13:05	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*156*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 13:05*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*12/19/23 10:36*	*12/20/23 13:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		4.98		mg/Kg			12/18/23 11:30	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-5 1-2'

Lab Sample ID: 880-36992-5
Matrix: Solid
Date Collected: 12/12/23 13:00
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/15/23 14:31	12/19/23 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*210*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 22:47*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*12/15/23 14:31*	*12/19/23 22:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/19/23 22:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/23 13:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 13:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 13:26	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*178*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 13:26*	*1*
o-Terphenyl (Surr)	*150*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 13:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1660**		25.1		mg/Kg			12/18/23 11:35	5

Client Sample ID: S-6 0-.5'

Lab Sample ID: 880-36992-6
Matrix: Solid
Date Collected: 12/12/23 14:20
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/20/23 11:05	12/20/23 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*12/20/23 11:05*	*12/20/23 22:28*	*1*
1,4-Difluorobenzene (Surr)	*125*		*70 - 130*	*12/20/23 11:05*	*12/20/23 22:28*	*1*

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-6 0-.5'

Lab Sample ID: 880-36992-6
Matrix: Solid
Date Collected: 12/12/23 14:20
Date Received: 12/15/23 08:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/20/23 22:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/20/23 13:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/23 10:36	12/20/23 13:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/19/23 10:36	12/20/23 13:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/23 10:36	12/20/23 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*157*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 13:48*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*12/19/23 10:36*	*12/20/23 13:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.71**		4.98		mg/Kg			12/18/23 11:40	1

Client Sample ID: S-7 0-.5'

Lab Sample ID: 880-36992-7
Matrix: Solid
Date Collected: 12/12/23 14:35
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*227*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 23:40*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*12/15/23 14:31*	*12/19/23 23:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/19/23 23:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/20/23 14:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 14:10	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 14:10	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-7 0-.5'
Date Collected: 12/12/23 14:35
Date Received: 12/15/23 08:42

Lab Sample ID: 880-36992-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*155*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 14:10*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*12/19/23 10:36*	*12/20/23 14:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			12/18/23 11:45	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-36992-1	S-1 1-2'	213 S1+	77
880-36992-2	S-2 1-2'	171 S1+	78
880-36992-3	S-3 1-2'	212 S1+	108
880-36992-4	S-4 1-2'	158 S1+	71
880-36992-5	S-5 1-2'	210 S1+	97
880-36992-6	S-6 0-.5'	124	125
880-36992-7	S-7 0-.5'	227 S1+	109
LCS 880-69218/1-A	Lab Control Sample	159 S1+	82
LCS 880-69453/1-A	Lab Control Sample	104	97
LCSD 880-69218/2-A	Lab Control Sample Dup	177 S1+	114
LCSD 880-69453/2-A	Lab Control Sample Dup	105	105
MB 880-69218/5-A	Method Blank	111	81
MB 880-69345/8	Method Blank	122	68 S1-
MB 880-69453/5-A	Method Blank	106	116

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-36992-1	S-1 1-2'	154 S1+	126
880-36992-1 MS	S-1 1-2'	150 S1+	106
880-36992-1 MSD	S-1 1-2'	145 S1+	101
880-36992-2	S-2 1-2'	158 S1+	130
880-36992-3	S-3 1-2'	147 S1+	121
880-36992-4	S-4 1-2'	156 S1+	127
880-36992-5	S-5 1-2'	178 S1+	150 S1+
880-36992-6	S-6 0-.5'	157 S1+	129
880-36992-7	S-7 0-.5'	155 S1+	130
LCS 880-69358/2-A	Lab Control Sample	87	76
LCSD 880-69358/3-A	Lab Control Sample Dup	87	73
MB 880-69358/1-A	Method Blank	127	117

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-69218/5-A
Matrix: Solid
Analysis Batch: 69345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69218

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/23 14:31	12/19/23 16:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*12/15/23 14:31*	*12/19/23 16:16*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*12/15/23 14:31*	*12/19/23 16:16*	*1*

Lab Sample ID: LCS 880-69218/1-A
Matrix: Solid
Analysis Batch: 69345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69218

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08617		mg/Kg		86	70 - 130		
Toluene			0.100	0.09539		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.1005		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.1980		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09997		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: LCSD 880-69218/2-A
Matrix: Solid
Analysis Batch: 69345

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69218

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1054		mg/Kg		105	70 - 130	20	35
Toluene			0.100	0.1148		mg/Kg		115	70 - 130	18	35
Ethylbenzene			0.100	0.1148		mg/Kg		115	70 - 130	13	35
m,p-Xylenes			0.200	0.2418		mg/Kg		121	70 - 130	20	35
o-Xylene			0.100	0.1138		mg/Kg		114	70 - 130	13	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: MB 880-69345/8
Matrix: Solid
Analysis Batch: 69345

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			12/19/23 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg			12/19/23 11:55	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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

Lab Sample ID: MB 880-69345/8
Matrix: Solid
Analysis Batch: 69345

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			12/19/23 11:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			12/19/23 11:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			12/19/23 11:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			12/19/23 11:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*		*12/19/23 11:55*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*		*12/19/23 11:55*	*1*

Lab Sample ID: MB 880-69453/5-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69453

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/23 11:05	12/20/23 17:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/20/23 11:05*	*12/20/23 17:06*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*12/20/23 11:05*	*12/20/23 17:06*	*1*

Lab Sample ID: LCS 880-69453/1-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69453

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08890		mg/Kg		89	70 - 130		
Toluene			0.100	0.09073		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.09413		mg/Kg		94	70 - 130		
m,p-Xylenes			0.200	0.1713		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.09652		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-69453/2-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69453

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09011		mg/Kg		90	70 - 130	1	35
Toluene			0.100	0.08485		mg/Kg		85	70 - 130	7	35
Ethylbenzene			0.100	0.08198		mg/Kg		82	70 - 130	14	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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

Lab Sample ID: LCSD 880-69453/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 69481 — **Prep Batch: 69453**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes			0.200	0.1575		mg/Kg		79	70 - 130	8	35
o-Xylene			0.100	0.09546		mg/Kg		95	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

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

Lab Sample ID: MB 880-69358/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 69419 — **Prep Batch: 69358**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 08:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 08:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 08:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*12/19/23 10:36*	*12/20/23 08:40*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*12/19/23 10:36*	*12/20/23 08:40*	*1*

Lab Sample ID: LCS 880-69358/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 69419 — **Prep Batch: 69358**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1122		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1248		mg/Kg		125	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*87*		*70 - 130*
o-Terphenyl (Surr)	*76*		*70 - 130*

Lab Sample ID: LCSD 880-69358/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 69419 — **Prep Batch: 69358**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1123		mg/Kg		112	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1237		mg/Kg		124	70 - 130	1	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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

Lab Sample ID: LCSD 880-69358/3-A
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69358

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	73		70 - 130

Lab Sample ID: 880-36992-1 MS
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: S-1 1-2'
Prep Type: Total/NA
Prep Batch: 69358

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	997	839.8		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<50.3	U F1	997	1359	F1	mg/Kg		134	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: 880-36992-1 MSD
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: S-1 1-2'
Prep Type: Total/NA
Prep Batch: 69358

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	997	833.8		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U F1	997	1311		mg/Kg		129	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	145	S1+	70 - 130
o-Terphenyl (Surr)	101		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69213/1-A
Matrix: Solid
Analysis Batch: 69304

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/18/23 10:22	1

Lab Sample ID: LCS 880-69213/2-A
Matrix: Solid
Analysis Batch: 69304

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	261.7		mg/Kg		105	90 - 110

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-69213/3-A
Matrix: Solid
Analysis Batch: 69304

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	259.8		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-36992-7 MS
Matrix: Solid
Analysis Batch: 69304

Client Sample ID: S-7 0-.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<4.95	U	248	247.2		mg/Kg		99	90 - 110		

Lab Sample ID: 880-36992-7 MSD
Matrix: Solid
Analysis Batch: 69304

Client Sample ID: S-7 0-.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.95	U	248	244.2		mg/Kg		98	90 - 110	1	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

GC VOA

Prep Batch: 69218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	5035	
880-36992-2	S-2 1-2'	Total/NA	Solid	5035	
880-36992-3	S-3 1-2'	Total/NA	Solid	5035	
880-36992-4	S-4 1-2'	Total/NA	Solid	5035	
880-36992-5	S-5 1-2'	Total/NA	Solid	5035	
880-36992-7	S-7 0-.5'	Total/NA	Solid	5035	
MB 880-69218/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69218/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69218/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 69345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	8021B	69218
880-36992-2	S-2 1-2'	Total/NA	Solid	8021B	69218
880-36992-3	S-3 1-2'	Total/NA	Solid	8021B	69218
880-36992-4	S-4 1-2'	Total/NA	Solid	8021B	69218
880-36992-5	S-5 1-2'	Total/NA	Solid	8021B	69218
880-36992-7	S-7 0-.5'	Total/NA	Solid	8021B	69218
MB 880-69218/5-A	Method Blank	Total/NA	Solid	8021B	69218
MB 880-69345/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-69218/1-A	Lab Control Sample	Total/NA	Solid	8021B	69218
LCSD 880-69218/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69218

Prep Batch: 69453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-6	S-6 0-.5'	Total/NA	Solid	5035	
MB 880-69453/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69453/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69453/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 69481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-6	S-6 0-.5'	Total/NA	Solid	8021B	69453
MB 880-69453/5-A	Method Blank	Total/NA	Solid	8021B	69453
LCS 880-69453/1-A	Lab Control Sample	Total/NA	Solid	8021B	69453
LCSD 880-69453/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69453

Analysis Batch: 69496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	Total BTEX	
880-36992-2	S-2 1-2'	Total/NA	Solid	Total BTEX	
880-36992-3	S-3 1-2'	Total/NA	Solid	Total BTEX	
880-36992-4	S-4 1-2'	Total/NA	Solid	Total BTEX	
880-36992-5	S-5 1-2'	Total/NA	Solid	Total BTEX	
880-36992-6	S-6 0-.5'	Total/NA	Solid	Total BTEX	
880-36992-7	S-7 0-.5'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

GC Semi VOA

Prep Batch: 69358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-2	S-2 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-3	S-3 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-4	S-4 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-5	S-5 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-6	S-6 0-.5'	Total/NA	Solid	8015NM Prep	
880-36992-7	S-7 0-.5'	Total/NA	Solid	8015NM Prep	
MB 880-69358/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69358/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69358/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-36992-1 MS	S-1 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-1 MSD	S-1 1-2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 69419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-2	S-2 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-3	S-3 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-4	S-4 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-5	S-5 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-6	S-6 0-.5'	Total/NA	Solid	8015B NM	69358
880-36992-7	S-7 0-.5'	Total/NA	Solid	8015B NM	69358
MB 880-69358/1-A	Method Blank	Total/NA	Solid	8015B NM	69358
LCS 880-69358/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69358
LCSD 880-69358/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69358
880-36992-1 MS	S-1 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-1 MSD	S-1 1-2'	Total/NA	Solid	8015B NM	69358

Analysis Batch: 69564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	8015 NM	
880-36992-2	S-2 1-2'	Total/NA	Solid	8015 NM	
880-36992-3	S-3 1-2'	Total/NA	Solid	8015 NM	
880-36992-4	S-4 1-2'	Total/NA	Solid	8015 NM	
880-36992-5	S-5 1-2'	Total/NA	Solid	8015 NM	
880-36992-6	S-6 0-.5'	Total/NA	Solid	8015 NM	
880-36992-7	S-7 0-.5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 69213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Soluble	Solid	DI Leach	
880-36992-2	S-2 1-2'	Soluble	Solid	DI Leach	
880-36992-3	S-3 1-2'	Soluble	Solid	DI Leach	
880-36992-4	S-4 1-2'	Soluble	Solid	DI Leach	
880-36992-5	S-5 1-2'	Soluble	Solid	DI Leach	
880-36992-6	S-6 0-.5'	Soluble	Solid	DI Leach	
880-36992-7	S-7 0-.5'	Soluble	Solid	DI Leach	
MB 880-69213/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69213/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

HPLC/IC (Continued)

Leach Batch: 69213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-69213/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36992-7 MS	S-7 0-.5'	Soluble	Solid	DI Leach	
880-36992-7 MSD	S-7 0-.5'	Soluble	Solid	DI Leach	

Analysis Batch: 69304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Soluble	Solid	300.0	69213
880-36992-2	S-2 1-2'	Soluble	Solid	300.0	69213
880-36992-3	S-3 1-2'	Soluble	Solid	300.0	69213
880-36992-4	S-4 1-2'	Soluble	Solid	300.0	69213
880-36992-5	S-5 1-2'	Soluble	Solid	300.0	69213
880-36992-6	S-6 0-.5'	Soluble	Solid	300.0	69213
880-36992-7	S-7 0-.5'	Soluble	Solid	300.0	69213
MB 880-69213/1-A	Method Blank	Soluble	Solid	300.0	69213
LCS 880-69213/2-A	Lab Control Sample	Soluble	Solid	300.0	69213
LCSD 880-69213/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69213
880-36992-7 MS	S-7 0-.5'	Soluble	Solid	300.0	69213
880-36992-7 MSD	S-7 0-.5'	Soluble	Solid	300.0	69213

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-1 1-2'

Lab Sample ID: 880-36992-1
Matrix: Solid
Date Collected: 12/12/23 12:20
Date Received: 12/15/23 08:42

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	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 19:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 11:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:06	CH	EET MID

Client Sample ID: S-2 1-2'

Lab Sample ID: 880-36992-2
Matrix: Solid
Date Collected: 12/12/23 12:30
Date Received: 12/15/23 08:42

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	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 20:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 20:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 12:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 12:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:21	CH	EET MID

Client Sample ID: S-3 1-2'

Lab Sample ID: 880-36992-3
Matrix: Solid
Date Collected: 12/12/23 12:40
Date Received: 12/15/23 08:42

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	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 20:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 12:43	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 12:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		5			69304	12/18/23 11:26	CH	EET MID

Client Sample ID: S-4 1-2'

Lab Sample ID: 880-36992-4
Matrix: Solid
Date Collected: 12/12/23 12:50
Date Received: 12/15/23 08:42

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	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 22:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 22:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-4 1-2'

Lab Sample ID: 880-36992-4
Matrix: Solid
Date Collected: 12/12/23 12:50
Date Received: 12/15/23 08:42

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			69564	12/20/23 13:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 13:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:30	CH	EET MID

Client Sample ID: S-5 1-2'

Lab Sample ID: 880-36992-5
Matrix: Solid
Date Collected: 12/12/23 13:00
Date Received: 12/15/23 08:42

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	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 22:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 22:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 13:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 13:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		5			69304	12/18/23 11:35	CH	EET MID

Client Sample ID: S-6 0-.5'

Lab Sample ID: 880-36992-6
Matrix: Solid
Date Collected: 12/12/23 14:20
Date Received: 12/15/23 08:42

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	69453	12/20/23 11:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/20/23 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/20/23 22:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 13:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 13:48	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:40	CH	EET MID

Client Sample ID: S-7 0-.5'

Lab Sample ID: 880-36992-7
Matrix: Solid
Date Collected: 12/12/23 14:35
Date Received: 12/15/23 08:42

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	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 23:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 14:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 14:10	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-7 0-.5'
Date Collected: 12/12/23 14:35
Date Received: 12/15/23 08:42

Lab Sample ID: 880-36992-7
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			5.05 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:45	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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	T104704400-23-26	06-30-24

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: Larson & Associates, Inc. Job ID: 880-36992-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

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: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-36992-1	S-1 1-2'	Solid	12/12/23 12:20	12/15/23 08:42
880-36992-2	S-2 1-2'	Solid	12/12/23 12:30	12/15/23 08:42
880-36992-3	S-3 1-2'	Solid	12/12/23 12:40	12/15/23 08:42
880-36992-4	S-4 1-2'	Solid	12/12/23 12:50	12/15/23 08:42
880-36992-5	S-5 1-2'	Solid	12/12/23 13:00	12/15/23 08:42
880-36992-6	S-6 0-.5'	Solid	12/12/23 14:20	12/15/23 08:42
880-36992-7	S-7 0-.5'	Solid	12/12/23 14:35	12/15/23 08:42

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36992 No. 3214

CHAIN-OF-CUSTODY

12/21/2023

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE 12/15/2023 PAGE 1 OF 1

PO# _____ LAB WORK ORDER# _____

PROJECT LOCATION OR NAME. SALADO DRAW 23 CTB

LAI PROJECT # 23-0102-07 COLLECTOR STAN BATES

Data Reported to ROBERT NIELSON / MARK LARSON

TRRP report? ☐ Yes ☒ No

TIME ZONE Time zone/State: MNT

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-1 1-2'		12/12/23	12:20	S	1				X	X	X X X	2oz
S-2 1 2'		12/12/23	12:30		1							
S-3 1-2'		12/12/23	12'40		1							
S 4 1-2'		12/12/23	12 50		1							
S-5 1-2'		12/12/23	1 00		1							
S-6 0-0.5'		12/12/23	2'20		1							
S-7 0-0.5'		12/12/23	2'35		1						X	

ANALYSES: ☒ BTEX ☐ MTBE ☐ TPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☒ TPH 8015 ☐ GASOLINE MOD 8015 ☒ DIESEL - MOD 8015 ☒ OIL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ OTHER LIST ☐ LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

880-36992 Chain of Custody

TOTAL

RELINQUISHED BY (Signature) DATE/TIME 12/15/23 0842 RECEIVED BY (Signature)

RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature)

RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☑
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP -5.4/-5.2 THERM# IR8 #20
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/6/2025 1:03:05 PM

Released to Imaging: 1/21/2025 8:09:16 AM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-36992-1
SDG Number: 23-0102-07

Login Number: 36992
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Generated 1/2/2024 2:53:28 PM

JOB DESCRIPTION

Salado Draw 23 CTB
23-0102-07

JOB NUMBER

880-37327-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 1/21/2025 8:09:10 AM

my EOL

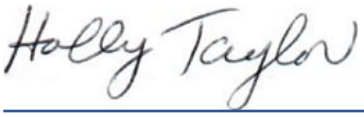
Eurofins Midland

Job Notes

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

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

Authorization



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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-37327-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

Qualifiers

GC VOA

Qualifier	Qualifier Description
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
*-	LCS and/or LCSD is outside acceptance limits, low biased.
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.

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: Larson & Associates, Inc. Job ID: 880-37327-1
Project: Salado Draw 23 CTB

Job ID: 880-37327-1 Eurofins Midland

Job Narrative
880-37327-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 12/28/2023 8:37 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-8 1-2' (880-37327-1), S-9 1-2' (880-37327-2), S-10 1-2' (880-37327-3), S-11 1-2' (880-37327-4), S-12 0-.5' (880-37327-5) and S-13 0-.5' (880-37327-6).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-70000 recovered under the lower control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-69941/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-10 1-2' (880-37327-3) and S-12 0-.5' (880-37327-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-69859 and analytical batch 880-69866 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-11 1-2' (880-37327-4), (LCS 880-69859/2-A) and (MB 880-69859/1-A). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-8 1-2'

Lab Sample ID: 880-37327-1
Matrix: Solid
Date Collected: 12/21/23 11:15
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/29/23 08:23	12/29/23 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*12/29/23 08:23*	*12/29/23 19:33*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*12/29/23 08:23*	*12/29/23 19:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/29/23 19:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/28/23 19:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *-	49.8		mg/Kg		12/28/23 09:22	12/28/23 19:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/28/23 09:22	12/28/23 19:52	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/28/23 09:22	12/28/23 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*12/28/23 09:22*	*12/28/23 19:52*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*12/28/23 09:22*	*12/28/23 19:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1710**		24.9		mg/Kg			12/28/23 13:01	5

Client Sample ID: S-9 1-2'

Lab Sample ID: 880-37327-2
Matrix: Solid
Date Collected: 12/21/23 11:30
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/29/23 08:23	12/29/23 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*12/29/23 08:23*	*12/29/23 19:52*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/29/23 08:23*	*12/29/23 19:52*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-9 1-2'

Date Collected: 12/21/23 11:30
Date Received: 12/28/23 08:37

Lab Sample ID: 880-37327-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/29/23 19:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/28/23 20:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U *-	49.6		mg/Kg		12/28/23 09:22	12/28/23 20:17	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/28/23 09:22	12/28/23 20:17	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/28/23 09:22	12/28/23 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*12/28/23 09:22*	*12/28/23 20:17*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*12/28/23 09:22*	*12/28/23 20:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.2**		4.96		mg/Kg			12/28/23 13:06	1

Client Sample ID: S-10 1-2'

Date Collected: 12/21/23 11:40
Date Received: 12/28/23 08:37

Lab Sample ID: 880-37327-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*12/29/23 08:23*	*12/29/23 20:19*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*12/29/23 08:23*	*12/29/23 20:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/29/23 20:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/28/23 20:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		12/28/23 09:22	12/28/23 20:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/23 09:22	12/28/23 20:38	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-37327-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

Client Sample ID: S-10 1-2' Lab Sample ID: 880-37327-3

Date Collected: 12/21/23 11:40 **Matrix: Solid**
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/23 09:22	12/28/23 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*12/28/23 09:22*	*12/28/23 20:38*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*12/28/23 09:22*	*12/28/23 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1390**		25.0		mg/Kg			12/28/23 13:11	5

Client Sample ID: S-11 1-2' Lab Sample ID: 880-37327-4

Date Collected: 12/21/23 11:50 **Matrix: Solid**
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*12/29/23 08:23*	*12/29/23 20:46*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/29/23 08:23*	*12/29/23 20:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/29/23 20:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/28/23 21:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U *-	50.2		mg/Kg		12/28/23 09:22	12/28/23 21:03	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/28/23 09:22	12/28/23 21:03	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/28/23 09:22	12/28/23 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*15*	*S1-*	*70 - 130*	*12/28/23 09:22*	*12/28/23 21:03*	*1*
o-Terphenyl (Surr)	*21*	*S1-*	*70 - 130*	*12/28/23 09:22*	*12/28/23 21:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**197**		5.03		mg/Kg			12/28/23 13:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-12 0-.5'

Lab Sample ID: 880-37327-5
Matrix: Solid
Date Collected: 12/21/23 12:10
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*12/29/23 08:23*	*12/29/23 21:12*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*12/29/23 08:23*	*12/29/23 21:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/29/23 21:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/28/23 21:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U *-	50.3		mg/Kg		12/28/23 09:22	12/28/23 21:27	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/28/23 09:22	12/28/23 21:27	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/28/23 09:22	12/28/23 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*12/28/23 09:22*	*12/28/23 21:27*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*12/28/23 09:22*	*12/28/23 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.8**		4.98		mg/Kg			12/29/23 06:55	1

Client Sample ID: S-13 0-.5'

Lab Sample ID: 880-37327-6
Matrix: Solid
Date Collected: 12/21/23 12:20
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/28/23 15:53	12/30/23 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/28/23 15:53*	*12/30/23 19:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/28/23 15:53*	*12/30/23 19:59*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-13 0-.5'
Date Collected: 12/21/23 12:20
Date Received: 12/28/23 08:37

Lab Sample ID: 880-37327-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/30/23 19:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/28/23 21:51	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		12/28/23 09:22	12/28/23 21:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/23 09:22	12/28/23 21:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/23 09:22	12/28/23 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*12/28/23 09:22*	*12/28/23 21:51*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*12/28/23 09:22*	*12/28/23 21:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1900**		25.0		mg/Kg			12/29/23 07:00	5

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-37327-1	S-8 1-2'	96	71
880-37327-2	S-9 1-2'	113	99
880-37327-3	S-10 1-2'	133 S1+	90
880-37327-4	S-11 1-2'	117	91
880-37327-5	S-12 0-.5'	141 S1+	111
880-37327-6	S-13 0-.5'	107	98
880-37327-6 MS	S-13 0-.5'	111	104
880-37327-6 MSD	S-13 0-.5'	108	105
LCS 880-69924/1-A	Lab Control Sample	108	103
LCS 880-69941/1-A	Lab Control Sample	108	79
LCSD 880-69924/2-A	Lab Control Sample Dup	113	96
LCSD 880-69941/2-A	Lab Control Sample Dup	107	84
MB 880-69924/5-A	Method Blank	112	122
MB 880-69941/5-A	Method Blank	64 S1-	96

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)
880-37327-1	S-8 1-2'	89	97
880-37327-2	S-9 1-2'	107	116
880-37327-3	S-10 1-2'	95	101
880-37327-4	S-11 1-2'	15 S1-	21 S1-
880-37327-5	S-12 0-.5'	100	109
880-37327-6	S-13 0-.5'	97	105
LCS 880-69859/2-A	Lab Control Sample	123	141 S1+
LCSD 880-69859/3-A	Lab Control Sample Dup	101	110
MB 880-69859/1-A	Method Blank	43 S1-	54 S1-

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-69924/5-A
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69924

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/28/23 15:53	12/30/23 19:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*12/28/23 15:53*	*12/30/23 19:30*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*12/28/23 15:53*	*12/30/23 19:30*	*1*

Lab Sample ID: LCS 880-69924/1-A
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69924

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08287		mg/Kg		83	70 - 130		
Toluene			0.100	0.08366		mg/Kg		84	70 - 130		
Ethylbenzene			0.100	0.08532		mg/Kg		85	70 - 130		
m,p-Xylenes			0.200	0.1677		mg/Kg		84	70 - 130		
o-Xylene			0.100	0.09547		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-69924/2-A
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69924

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08518		mg/Kg		85	70 - 130	3	35
Toluene			0.100	0.08558		mg/Kg		86	70 - 130	2	35
Ethylbenzene			0.100	0.09078		mg/Kg		91	70 - 130	6	35
m,p-Xylenes			0.200	0.1811		mg/Kg		91	70 - 130	8	35
o-Xylene			0.100	0.1042		mg/Kg		104	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-37327-6 MS
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: S-13 0-.5'
Prep Type: Total/NA
Prep Batch: 69924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.08831		mg/Kg		89	70 - 130		
Toluene	<0.00200	U	0.0996	0.08402		mg/Kg		84	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

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

Lab Sample ID: 880-37327-6 MS
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: S-13 0-.5'
Prep Type: Total/NA
Prep Batch: 69924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.08826		mg/Kg		89	70 - 130
m,p-Xylenes	<0.00401	U	0.199	0.1785		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.0996	0.1033		mg/Kg		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-37327-6 MSD
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: S-13 0-.5'
Prep Type: Total/NA
Prep Batch: 69924

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09114		mg/Kg		92	70 - 130	3	35
Toluene	<0.00200	U	0.0990	0.08788		mg/Kg		89	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0990	0.08598		mg/Kg		87	70 - 130	3	35
m,p-Xylenes	<0.00401	U	0.198	0.1664		mg/Kg		84	70 - 130	7	35
o-Xylene	<0.00200	U	0.0990	0.09538		mg/Kg		96	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-69941/5-A
Matrix: Solid
Analysis Batch: 69936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69941

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/29/23 08:23	12/29/23 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*12/29/23 08:23*	*12/29/23 11:28*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/29/23 08:23*	*12/29/23 11:28*	*1*

Lab Sample ID: LCS 880-69941/1-A
Matrix: Solid
Analysis Batch: 69936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1031		mg/Kg		103	70 - 130
Toluene	0.100	0.1025		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130
m,p-Xylenes	0.200	0.2146		mg/Kg		107	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

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

Lab Sample ID: LCS 880-69941/1-A
Matrix: Solid
Analysis Batch: 69936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69941

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1069		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: LCSD 880-69941/2-A
Matrix: Solid
Analysis Batch: 69936

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69941

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09769		mg/Kg		98	70 - 130	5	35
Toluene			0.100	0.08625		mg/Kg		86	70 - 130	17	35
Ethylbenzene			0.100	0.1094		mg/Kg		109	70 - 130	4	35
m,p-Xylenes			0.200	0.2127		mg/Kg		106	70 - 130	1	35
o-Xylene			0.100	0.09742		mg/Kg		97	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

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

Lab Sample ID: MB 880-69859/1-A
Matrix: Solid
Analysis Batch: 69866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69859

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/28/23 09:22	12/28/23 12:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/28/23 09:22	12/28/23 12:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/28/23 09:22	12/28/23 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*43*	*S1-*	*70 - 130*	*12/28/23 09:22*	*12/28/23 12:09*	*1*
o-Terphenyl (Surr)	*54*	*S1-*	*70 - 130*	*12/28/23 09:22*	*12/28/23 12:09*	*1*

Lab Sample ID: LCS 880-69859/2-A
Matrix: Solid
Analysis Batch: 69866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69859

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	783.4		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1020		mg/Kg		102	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

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

Lab Sample ID: LCS 880-69859/2-A
Matrix: Solid
Analysis Batch: 69866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69859

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	141	S1+	70 - 130

Lab Sample ID: LCSD 880-69859/3-A
Matrix: Solid
Analysis Batch: 69866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69859

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	645.4	*-	mg/Kg		65	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	851.6		mg/Kg		85	70 - 130	18	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	110		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69849/1-A
Matrix: Solid
Analysis Batch: 69902

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/28/23 10:37	1

Lab Sample ID: LCS 880-69849/2-A
Matrix: Solid
Analysis Batch: 69902

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	234.5		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-69849/3-A
Matrix: Solid
Analysis Batch: 69902

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	235.3		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-69844/1-A
Matrix: Solid
Analysis Batch: 69932

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/29/23 04:42	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-69844/2-A
Matrix: Solid
Analysis Batch: 69932

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	253.1		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-69844/3-A
Matrix: Solid
Analysis Batch: 69932

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.3		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

GC VOA

Prep Batch: 69924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-6	S-13 0-.5'	Total/NA	Solid	5035	
MB 880-69924/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69924/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69924/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37327-6 MS	S-13 0-.5'	Total/NA	Solid	5035	
880-37327-6 MSD	S-13 0-.5'	Total/NA	Solid	5035	

Analysis Batch: 69936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	8021B	69941
880-37327-2	S-9 1-2'	Total/NA	Solid	8021B	69941
880-37327-3	S-10 1-2'	Total/NA	Solid	8021B	69941
880-37327-4	S-11 1-2'	Total/NA	Solid	8021B	69941
880-37327-5	S-12 0-.5'	Total/NA	Solid	8021B	69941
MB 880-69941/5-A	Method Blank	Total/NA	Solid	8021B	69941
LCS 880-69941/1-A	Lab Control Sample	Total/NA	Solid	8021B	69941
LCSD 880-69941/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69941

Prep Batch: 69941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	5035	
880-37327-2	S-9 1-2'	Total/NA	Solid	5035	
880-37327-3	S-10 1-2'	Total/NA	Solid	5035	
880-37327-4	S-11 1-2'	Total/NA	Solid	5035	
880-37327-5	S-12 0-.5'	Total/NA	Solid	5035	
MB 880-69941/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69941/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69941/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 70000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-6	S-13 0-.5'	Total/NA	Solid	8021B	69924
MB 880-69924/5-A	Method Blank	Total/NA	Solid	8021B	69924
LCS 880-69924/1-A	Lab Control Sample	Total/NA	Solid	8021B	69924
LCSD 880-69924/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69924
880-37327-6 MS	S-13 0-.5'	Total/NA	Solid	8021B	69924
880-37327-6 MSD	S-13 0-.5'	Total/NA	Solid	8021B	69924

Analysis Batch: 70056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	Total BTEX	
880-37327-2	S-9 1-2'	Total/NA	Solid	Total BTEX	
880-37327-3	S-10 1-2'	Total/NA	Solid	Total BTEX	
880-37327-4	S-11 1-2'	Total/NA	Solid	Total BTEX	
880-37327-5	S-12 0-.5'	Total/NA	Solid	Total BTEX	
880-37327-6	S-13 0-.5'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

GC Semi VOA

Prep Batch: 69859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	8015NM Prep	
880-37327-2	S-9 1-2'	Total/NA	Solid	8015NM Prep	
880-37327-3	S-10 1-2'	Total/NA	Solid	8015NM Prep	
880-37327-4	S-11 1-2'	Total/NA	Solid	8015NM Prep	
880-37327-5	S-12 0-.5'	Total/NA	Solid	8015NM Prep	
880-37327-6	S-13 0-.5'	Total/NA	Solid	8015NM Prep	
MB 880-69859/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69859/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69859/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 69866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	8015B NM	69859
880-37327-2	S-9 1-2'	Total/NA	Solid	8015B NM	69859
880-37327-3	S-10 1-2'	Total/NA	Solid	8015B NM	69859
880-37327-4	S-11 1-2'	Total/NA	Solid	8015B NM	69859
880-37327-5	S-12 0-.5'	Total/NA	Solid	8015B NM	69859
880-37327-6	S-13 0-.5'	Total/NA	Solid	8015B NM	69859
MB 880-69859/1-A	Method Blank	Total/NA	Solid	8015B NM	69859
LCS 880-69859/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69859
LCSD 880-69859/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69859

Analysis Batch: 69974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	8015 NM	
880-37327-2	S-9 1-2'	Total/NA	Solid	8015 NM	
880-37327-3	S-10 1-2'	Total/NA	Solid	8015 NM	
880-37327-4	S-11 1-2'	Total/NA	Solid	8015 NM	
880-37327-5	S-12 0-.5'	Total/NA	Solid	8015 NM	
880-37327-6	S-13 0-.5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 69844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-5	S-12 0-.5'	Soluble	Solid	DI Leach	
880-37327-6	S-13 0-.5'	Soluble	Solid	DI Leach	
MB 880-69844/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69844/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69844/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 69849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Soluble	Solid	DI Leach	
880-37327-2	S-9 1-2'	Soluble	Solid	DI Leach	
880-37327-3	S-10 1-2'	Soluble	Solid	DI Leach	
880-37327-4	S-11 1-2'	Soluble	Solid	DI Leach	
MB 880-69849/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69849/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69849/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

HPLC/IC

Analysis Batch: 69902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Soluble	Solid	300.0	69849
880-37327-2	S-9 1-2'	Soluble	Solid	300.0	69849
880-37327-3	S-10 1-2'	Soluble	Solid	300.0	69849
880-37327-4	S-11 1-2'	Soluble	Solid	300.0	69849
MB 880-69849/1-A	Method Blank	Soluble	Solid	300.0	69849
LCS 880-69849/2-A	Lab Control Sample	Soluble	Solid	300.0	69849
LCSD 880-69849/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69849

Analysis Batch: 69932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-5	S-12 0-.5'	Soluble	Solid	300.0	69844
880-37327-6	S-13 0-.5'	Soluble	Solid	300.0	69844
MB 880-69844/1-A	Method Blank	Soluble	Solid	300.0	69844
LCS 880-69844/2-A	Lab Control Sample	Soluble	Solid	300.0	69844
LCSD 880-69844/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69844

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-8 1-2'

Lab Sample ID: 880-37327-1
Matrix: Solid
Date Collected: 12/21/23 11:15
Date Received: 12/28/23 08:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 19:33	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 19:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 19:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 19:52	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69849	12/28/23 09:30	CH	EET MID
Soluble	Analysis	300.0		5			69902	12/28/23 13:01	CH	EET MID

Client Sample ID: S-9 1-2'

Lab Sample ID: 880-37327-2
Matrix: Solid
Date Collected: 12/21/23 11:30
Date Received: 12/28/23 08:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 19:52	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 20:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 20:17	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	69849	12/28/23 09:30	CH	EET MID
Soluble	Analysis	300.0		1			69902	12/28/23 13:06	CH	EET MID

Client Sample ID: S-10 1-2'

Lab Sample ID: 880-37327-3
Matrix: Solid
Date Collected: 12/21/23 11:40
Date Received: 12/28/23 08:37

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	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 20:19	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 20:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 20:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 20:38	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69849	12/28/23 09:30	CH	EET MID
Soluble	Analysis	300.0		5			69902	12/28/23 13:11	CH	EET MID

Client Sample ID: S-11 1-2'

Lab Sample ID: 880-37327-4
Matrix: Solid
Date Collected: 12/21/23 11:50
Date Received: 12/28/23 08:37

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	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 20:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 20:46	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-11 1-2'

Lab Sample ID: 880-37327-4
Matrix: Solid
Date Collected: 12/21/23 11:50
Date Received: 12/28/23 08:37

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			69974	12/28/23 21:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 21:03	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	69849	12/28/23 09:30	CH	EET MID
Soluble	Analysis	300.0		1			69902	12/28/23 13:16	CH	EET MID

Client Sample ID: S-12 0-.5'

Lab Sample ID: 880-37327-5
Matrix: Solid
Date Collected: 12/21/23 12:10
Date Received: 12/28/23 08:37

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	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 21:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 21:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 21:27	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69844	12/28/23 16:10	SA	EET MID
Soluble	Analysis	300.0		1			69932	12/29/23 06:55	CH	EET MID

Client Sample ID: S-13 0-.5'

Lab Sample ID: 880-37327-6
Matrix: Solid
Date Collected: 12/21/23 12:20
Date Received: 12/28/23 08:37

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	69924	12/28/23 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70000	12/30/23 19:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/30/23 19:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 21:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 21:51	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69844	12/28/23 16:10	SA	EET MID
Soluble	Analysis	300.0		5			69932	12/29/23 07:00	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 880-37327-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

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	T104704400-23-26	06-30-24

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: Larson & Associates, Inc. Job ID: 880-37327-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

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: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-37327-1	S-8 1-2'	Solid	12/21/23 11:15	12/28/23 08:37
880-37327-2	S-9 1-2'	Solid	12/21/23 11:30	12/28/23 08:37
880-37327-3	S-10 1-2'	Solid	12/21/23 11:40	12/28/23 08:37
880-37327-4	S-11 1-2'	Solid	12/21/23 11:50	12/28/23 08:37
880-37327-5	S-12 0-.5'	Solid	12/21/23 12:10	12/28/23 08:37
880-37327-6	S-13 0-.5'	Solid	12/21/23 12:20	12/28/23 08:37

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37327

No. 3216

CHAIN-OF-CUSTODY

1/2/2024

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE. 12/28/2023 PAGE 1 OF 1

PO#: LAB WORK ORDER#

PROJECT LOCATION OR NAME SALADO DRAW 23 CTB

LAI PROJECT # 23-0102-07 COLLECTOR STAN BATES

Data Reported to ROBERT NELSON / MARK LARSON

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE
Time zone/State
MST

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES
S-8 1-2'		12/21/23	11:15	S					X		X
S-9 1-2'		12/21/23	11:30	S							
S-10 1-2'		12/21/23	11:40	S							
S-11 1-2'		12/21/23	11:50	S							
S-12 0-.5'		12/21/23	12:10	S							
S-13 0-.5'		12/21/23	12:20	S							

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐ | FIELD NOTES

880-37327 Chain of Custody

TOTAL 6

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
David Adams	12/28/2023 837	
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☒
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 3.6/3.8 THERM# IR8
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

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Received by OCD: 1/6/2025 1:03:05 PM

Released to Imaging: 1/21/2025 8:09:16 AM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-37327-1
SDG Number: 23-0102-07

Login Number: 37327
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Generated 2/22/2024 1:00:21 PM

JOB DESCRIPTION

SD 23 CTB 2ND Spill
23-0102-07

JOB NUMBER

880-39450-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 1/21/2025 8:09:10 AM

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

Holly Taylor

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2/22/2024 1:00:21 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project: SD 23 CTB 2ND Spill

Job ID: 880-39450-1 Eurofins Midland

Job Narrative
880-39450-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 2/15/2024 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-3,3' (880-39450-1), S-3,5' (880-39450-2), S-4,3' (880-39450-3), S-4,5' (880-39450-4), S-5,3' (880-39450-5), S-5,5' (880-39450-6), S-8,3' (880-39450-7), S-8,5' (880-39450-8), S-10,3' (880-39450-9), S-10,5' (880-39450-10), S-13,1' (880-39450-11), S-13,3' (880-39450-12), S-13,5' (880-39450-13) and S-14,0-0.5 (880-39450-14).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-73291/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-39450-A-1-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-73799 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-73799/2).

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-13,3' (880-39450-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-73297 and analytical batch 880-73423 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-4,3' (880-39450-3), S-4,5' (880-39450-4), S-5,3' (880-39450-5), S-8,3' (880-39450-7), S-10,3' (880-39450-9), S-10,5' (880-39450-10), S-13,1' (880-39450-11), S-13,3' (880-39450-12), S-13,5' (880-39450-13), S-14,0-0.5 (880-39450-14), (880-39450-A-1-F MS) and (880-39450-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-73297 and analytical batch 880-73423 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-73228 and analytical batch 880-73299 were outside control limits. Sample matrix interference and/or non-homogeneity

Case Narrative

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project: SD 23 CTB 2ND Spill

Job ID: 880-39450-1 (Continued) Eurofins Midland

are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-3,3'

Lab Sample ID: 880-39450-1
Matrix: Solid
Date Collected: 02/14/24 11:38
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*02/15/24 16:02*	*02/21/24 11:48*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/15/24 16:02*	*02/21/24 11:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/21/24 11:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/19/24 10:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.5	U F1	49.5		mg/Kg		02/15/24 17:12	02/19/24 10:29	1
Diesel Range Organics (Over C10-C28)	<49.5	U F1 F2	49.5		mg/Kg		02/15/24 17:12	02/19/24 10:29	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		02/15/24 17:12	02/19/24 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*17*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 10:29*	*1*
o-Terphenyl (Surr)	*10*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 10:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**348**		5.04		mg/Kg			02/16/24 17:30	1

Client Sample ID: S-3,5'

Lab Sample ID: 880-39450-2
Matrix: Solid
Date Collected: 02/14/24 11:39
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/15/24 16:02	02/21/24 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*02/15/24 16:02*	*02/21/24 12:29*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/15/24 16:02*	*02/21/24 12:29*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-3,5'
Lab Sample ID: 880-39450-2
Date Collected: 02/14/24 11:39 **Matrix: Solid**
Date Received: 02/15/24 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/21/24 12:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/19/24 11:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 11:37	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 11:37	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*02/15/24 17:12*	*02/19/24 11:37*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*02/15/24 17:12*	*02/19/24 11:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.6**		5.04		mg/Kg			02/16/24 17:50	1

Client Sample ID: S-4,3'
Lab Sample ID: 880-39450-3
Date Collected: 02/14/24 11:41 **Matrix: Solid**
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/15/24 16:02	02/21/24 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*02/15/24 16:02*	*02/21/24 12:50*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/15/24 16:02*	*02/21/24 12:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/21/24 12:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/19/24 12:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 12:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 12:00	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 12:00	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-4,3'
Lab Sample ID: 880-39450-3
Date Collected: 02/14/24 11:41 **Matrix: Solid**
Date Received: 02/15/24 08:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	67	S1-	70 - 130	02/15/24 17:12	02/19/24 12:00	1
o-Terphenyl (Surr)	67	S1-	70 - 130	02/15/24 17:12	02/19/24 12:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	736		5.05		mg/Kg			02/16/24 17:57	1

Client Sample ID: S-4,5'
Lab Sample ID: 880-39450-4
Date Collected: 02/14/24 11:42 **Matrix: Solid**
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/15/24 16:02	02/21/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	02/15/24 16:02	02/21/24 13:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/15/24 16:02	02/21/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/21/24 13:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/19/24 12:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 12:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 12:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	69	S1-	70 - 130	02/15/24 17:12	02/19/24 12:22	1
o-Terphenyl (Surr)	67	S1-	70 - 130	02/15/24 17:12	02/19/24 12:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.99		mg/Kg			02/16/24 18:04	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-5,3'

Date Collected: 02/14/24 11:43
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/15/24 16:02	02/21/24 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:32*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/21/24 13:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/19/24 12:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		02/15/24 17:12	02/19/24 12:44	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/15/24 17:12	02/19/24 12:44	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/15/24 17:12	02/19/24 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*62*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 12:44*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 12:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2080**		24.8		mg/Kg			02/16/24 18:11	5

Client Sample ID: S-5,5'

Date Collected: 02/14/24 11:44
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/15/24 16:02	02/21/24 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:53*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:53*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-5,5'

Date Collected: 02/14/24 11:44
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/21/24 13:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/19/24 13:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 13:07	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 13:07	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/15/24 17:12*	*02/19/24 13:07*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*02/15/24 17:12*	*02/19/24 13:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1770**		24.8		mg/Kg			02/16/24 18:17	5

Client Sample ID: S-8,3'

Date Collected: 02/14/24 11:50
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/15/24 16:02	02/21/24 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*02/15/24 16:02*	*02/21/24 14:15*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/15/24 16:02*	*02/21/24 14:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/21/24 14:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/19/24 13:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:30	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:30	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:30	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-8,3'
Lab Sample ID: 880-39450-7
Date Collected: 02/14/24 11:50 **Matrix: Solid**
Date Received: 02/15/24 08:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	64	S1-	70 - 130	02/15/24 17:12	02/19/24 13:30	1
o-Terphenyl (Surr)	66	S1-	70 - 130	02/15/24 17:12	02/19/24 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2720	F1	24.8		mg/Kg			02/16/24 18:24	5

Client Sample ID: S-8,5'
Lab Sample ID: 880-39450-8
Date Collected: 02/14/24 11:51 **Matrix: Solid**
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 14:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 14:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 14:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 14:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 14:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	02/15/24 16:02	02/21/24 14:35	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/15/24 16:02	02/21/24 14:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/21/24 14:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/19/24 13:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:53	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:53	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130	02/15/24 17:12	02/19/24 13:53	1
o-Terphenyl (Surr)	77		70 - 130	02/15/24 17:12	02/19/24 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	386		5.02		mg/Kg			02/16/24 18:55	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-10,3'

Date Collected: 02/14/24 11:58
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/15/24 15:33	02/22/24 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/15/24 15:33*	*02/22/24 02:26*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*02/15/24 15:33*	*02/22/24 02:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/22/24 02:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/19/24 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 14:16	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 14:16	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 14:16*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 14:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.8**		5.01		mg/Kg			02/16/24 19:02	1

Client Sample ID: S-10,5'

Date Collected: 02/14/24 11:59
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/15/24 16:02	02/21/24 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*02/15/24 16:02*	*02/21/24 17:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/15/24 16:02*	*02/21/24 17:23*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-10,5'

Lab Sample ID: 880-39450-10
Matrix: Solid
Date Collected: 02/14/24 11:59
Date Received: 02/15/24 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/21/24 17:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/19/24 14:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 14:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 14:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 14:39*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		5.04		mg/Kg			02/16/24 19:22	1

Client Sample ID: S-13,1'

Lab Sample ID: 880-39450-11
Matrix: Solid
Date Collected: 02/14/24 12:01
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/15/24 16:02	02/21/24 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*02/15/24 16:02*	*02/21/24 17:44*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/15/24 16:02*	*02/21/24 17:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/21/24 17:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/19/24 15:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 15:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 15:28	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 15:28	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-13,1' — Lab Sample ID: 880-39450-11

Date Collected: 02/14/24 12:01 **Matrix: Solid**
Date Received: 02/15/24 08:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	26	S1-	70 - 130	02/15/24 17:12	02/19/24 15:28	1
o-Terphenyl (Surr)	18	S1-	70 - 130	02/15/24 17:12	02/19/24 15:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		25.0		mg/Kg			02/16/24 19:28	5

Client Sample ID: S-13,3' — Lab Sample ID: 880-39450-12

Date Collected: 02/14/24 12:02 **Matrix: Solid**
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 18:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130	02/15/24 16:02	02/21/24 18:05	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/15/24 16:02	02/21/24 18:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/21/24 18:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/19/24 15:51	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		02/15/24 17:12	02/19/24 15:51	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/15/24 17:12	02/19/24 15:51	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/15/24 17:12	02/19/24 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	34	S1-	70 - 130	02/15/24 17:12	02/19/24 15:51	1
o-Terphenyl (Surr)	28	S1-	70 - 130	02/15/24 17:12	02/19/24 15:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		4.98		mg/Kg			02/16/24 19:35	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-13,5'

Date Collected: 02/14/24 12:03
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:25*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/21/24 18:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/19/24 16:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 16:25	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 16:25	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*41*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 16:25*	*1*
o-Terphenyl (Surr)	*32*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 16:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		4.99		mg/Kg			02/16/24 19:42	1

Client Sample ID: S-14,0-0.5

Date Collected: 02/14/24 11:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-14

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/15/24 16:02	02/21/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:46*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-14,0-0.5
Date Collected: 02/14/24 11:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/21/24 18:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/19/24 16:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 16:49	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 16:49	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*17*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 16:49*	*1*
o-Terphenyl (Surr)	*6*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.3**		4.97		mg/Kg			02/16/24 19:49	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-39450-1	S-3,3'	78	90
880-39450-1 MS	S-3,3'	69 S1-	116
880-39450-1 MSD	S-3,3'	107	120
880-39450-2	S-3,5'	76	89
880-39450-3	S-4,3'	83	97
880-39450-4	S-4,5'	78	101
880-39450-5	S-5,3'	74	95
880-39450-6	S-5,5'	80	100
880-39450-7	S-8,3'	76	92
880-39450-8	S-8,5'	81	90
880-39450-9	S-10,3'	109	106
880-39450-10	S-10,5'	85	99
880-39450-11	S-13,1'	87	98
880-39450-12	S-13,3'	66 S1-	102
880-39450-13	S-13,5'	88	93
880-39450-14	S-14,0-0.5	81	98
LCS 880-73284/1-A	Lab Control Sample	96	108
LCS 880-73291/1-A	Lab Control Sample	84	111
LCSD 880-73284/2-A	Lab Control Sample Dup	93	104
LCSD 880-73291/2-A	Lab Control Sample Dup	96	126
MB 880-73284/5-A	Method Blank	74	101
MB 880-73291/5-A	Method Blank	65 S1-	104

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)
880-39450-1	S-3,3'	17 S1-	10 S1-
880-39450-1 MS	S-3,3'	29 S1-	21 S1-
880-39450-1 MSD	S-3,3'	21 S1-	10 S1-
880-39450-2	S-3,5'	95	93
880-39450-3	S-4,3'	67 S1-	67 S1-
880-39450-4	S-4,5'	69 S1-	67 S1-
880-39450-5	S-5,3'	62 S1-	63 S1-
880-39450-6	S-5,5'	82	85
880-39450-7	S-8,3'	64 S1-	66 S1-
880-39450-8	S-8,5'	75	77
880-39450-9	S-10,3'	66 S1-	65 S1-
880-39450-10	S-10,5'	65 S1-	66 S1-
880-39450-11	S-13,1'	26 S1-	18 S1-
880-39450-12	S-13,3'	34 S1-	28 S1-
880-39450-13	S-13,5'	41 S1-	32 S1-
880-39450-14	S-14,0-0.5	17 S1-	6 S1-
LCS 880-73297/2-A	Lab Control Sample	102	105

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

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)								
LCSD 880-73297/3-A	Lab Control Sample Dup	111	113								
MB 880-73297/1-A	Method Blank	119	137 S1+								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-73284/5-A
Matrix: Solid
Analysis Batch: 73799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73284

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/15/24 15:33	02/21/24 18:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*02/15/24 15:33*	*02/21/24 18:43*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/15/24 15:33*	*02/21/24 18:43*	*1*

Lab Sample ID: LCS 880-73284/1-A
Matrix: Solid
Analysis Batch: 73799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73284

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1305		mg/Kg		130	70 - 130		
Toluene			0.100	0.1001		mg/Kg		100	70 - 130		
Ethylbenzene			0.100	0.09525		mg/Kg		95	70 - 130		
m,p-Xylenes			0.200	0.1853		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.09366		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-73284/2-A
Matrix: Solid
Analysis Batch: 73799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73284

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1169		mg/Kg		117	70 - 130	11	35
Toluene			0.100	0.09440		mg/Kg		94	70 - 130	6	35
Ethylbenzene			0.100	0.09104		mg/Kg		91	70 - 130	5	35
m,p-Xylenes			0.200	0.1784		mg/Kg		89	70 - 130	4	35
o-Xylene			0.100	0.08973		mg/Kg		90	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-73291/5-A
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73291

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 11:26	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

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

Lab Sample ID: MB 880-73291/5-A
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73291

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 11:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/15/24 16:02	02/21/24 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/15/24 16:02	02/21/24 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*02/15/24 16:02*	*02/21/24 11:26*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*02/15/24 16:02*	*02/21/24 11:26*	*1*

Lab Sample ID: LCS 880-73291/1-A
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73291

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1074		mg/Kg		107	70 - 130		
Toluene			0.100	0.09619		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.09181		mg/Kg		92	70 - 130		
m,p-Xylenes			0.200	0.1852		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.08961		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-73291/2-A
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1044		mg/Kg		104	70 - 130	3	35
Toluene			0.100	0.09432		mg/Kg		94	70 - 130	2	35
Ethylbenzene			0.100	0.09506		mg/Kg		95	70 - 130	3	35
m,p-Xylenes			0.200	0.1942		mg/Kg		97	70 - 130	5	35
o-Xylene			0.100	0.09309		mg/Kg		93	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*

Lab Sample ID: 880-39450-1 MS
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.100	0.1095		mg/Kg		109	70 - 130		
Toluene	<0.00199	U	0.100	0.08906		mg/Kg		89	70 - 130		
Ethylbenzene	<0.00199	U	0.100	0.08027		mg/Kg		80	70 - 130		
m,p-Xylenes	<0.00398	U	0.200	0.1602		mg/Kg		80	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

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

Lab Sample ID: 880-39450-1 MS
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00199	U	0.100	0.07832		mg/Kg		78	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: 880-39450-1 MSD
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73291

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.1154		mg/Kg		115	70 - 130	5	35
Toluene	<0.00199	U	0.101	0.09840		mg/Kg		98	70 - 130	10	35
Ethylbenzene	<0.00199	U	0.101	0.1107		mg/Kg		110	70 - 130	32	35
m,p-Xylenes	<0.00398	U	0.201	0.2230		mg/Kg		111	70 - 130	33	35
o-Xylene	<0.00199	U	0.101	0.1068		mg/Kg		106	70 - 130	31	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*

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

Lab Sample ID: MB 880-73297/1-A
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73297

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		02/15/24 17:12	02/19/24 07:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/24 17:12	02/19/24 07:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/24 17:12	02/19/24 07:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*02/15/24 17:12*	*02/19/24 07:51*	*1*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*	*02/15/24 17:12*	*02/19/24 07:51*	*1*

Lab Sample ID: LCS 880-73297/2-A
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73297

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)			1000	1045		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1002		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

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

Lab Sample ID: LCS 880-73297/2-A
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73297

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-73297/3-A
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73297

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1000	1084		mg/Kg		108	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1050		mg/Kg		105	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	113		70 - 130

Lab Sample ID: 880-39450-1 MS
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)	<49.5	U F1	1010	288.0	F1	mg/Kg		26	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.5	U F1 F2	1010	210.6	F1	mg/Kg		17	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	29	S1-	70 - 130
o-Terphenyl (Surr)	21	S1-	70 - 130

Lab Sample ID: 880-39450-1 MSD
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<49.5	U F1	1010	241.0	F1	mg/Kg		21	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	<49.5	U F1 F2	1010	119.2	F1 F2	mg/Kg		8	70 - 130	55	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	21	S1-	70 - 130
o-Terphenyl (Surr)	10	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-73228/1-A
Matrix: Solid
Analysis Batch: 73299

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/16/24 16:29	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-73228/2-A
Matrix: Solid
Analysis Batch: 73299

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	263.7		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-73228/3-A
Matrix: Solid
Analysis Batch: 73299

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	262.1		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 880-39450-7 MS
Matrix: Solid
Analysis Batch: 73299

Client Sample ID: S-8,3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2720	F1	1240	4115	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 880-39450-7 MSD
Matrix: Solid
Analysis Batch: 73299

Client Sample ID: S-8,3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2720	F1	1240	4049		mg/Kg		108	90 - 110	2	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

GC VOA

Prep Batch: 73284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-9	S-10,3'	Total/NA	Solid	5035	
MB 880-73284/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-73284/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-73284/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 73291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	5035	
880-39450-2	S-3,5'	Total/NA	Solid	5035	
880-39450-3	S-4,3'	Total/NA	Solid	5035	
880-39450-4	S-4,5'	Total/NA	Solid	5035	
880-39450-5	S-5,3'	Total/NA	Solid	5035	
880-39450-6	S-5,5'	Total/NA	Solid	5035	
880-39450-7	S-8,3'	Total/NA	Solid	5035	
880-39450-8	S-8,5'	Total/NA	Solid	5035	
880-39450-10	S-10,5'	Total/NA	Solid	5035	
880-39450-11	S-13,1'	Total/NA	Solid	5035	
880-39450-12	S-13,3'	Total/NA	Solid	5035	
880-39450-13	S-13,5'	Total/NA	Solid	5035	
880-39450-14	S-14,0-0.5	Total/NA	Solid	5035	
MB 880-73291/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-73291/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-73291/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-39450-1 MS	S-3,3'	Total/NA	Solid	5035	
880-39450-1 MSD	S-3,3'	Total/NA	Solid	5035	

Analysis Batch: 73714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	8021B	73291
880-39450-2	S-3,5'	Total/NA	Solid	8021B	73291
880-39450-3	S-4,3'	Total/NA	Solid	8021B	73291
880-39450-4	S-4,5'	Total/NA	Solid	8021B	73291
880-39450-5	S-5,3'	Total/NA	Solid	8021B	73291
880-39450-6	S-5,5'	Total/NA	Solid	8021B	73291
880-39450-7	S-8,3'	Total/NA	Solid	8021B	73291
880-39450-8	S-8,5'	Total/NA	Solid	8021B	73291
880-39450-10	S-10,5'	Total/NA	Solid	8021B	73291
880-39450-11	S-13,1'	Total/NA	Solid	8021B	73291
880-39450-12	S-13,3'	Total/NA	Solid	8021B	73291
880-39450-13	S-13,5'	Total/NA	Solid	8021B	73291
880-39450-14	S-14,0-0.5	Total/NA	Solid	8021B	73291
MB 880-73291/5-A	Method Blank	Total/NA	Solid	8021B	73291
LCS 880-73291/1-A	Lab Control Sample	Total/NA	Solid	8021B	73291
LCSD 880-73291/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	73291
880-39450-1 MS	S-3,3'	Total/NA	Solid	8021B	73291
880-39450-1 MSD	S-3,3'	Total/NA	Solid	8021B	73291

Analysis Batch: 73785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	Total BTEX	
880-39450-2	S-3,5'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

GC VOA (Continued)

Analysis Batch: 73785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-3	S-4,3'	Total/NA	Solid	Total BTEX	
880-39450-4	S-4,5'	Total/NA	Solid	Total BTEX	
880-39450-5	S-5,3'	Total/NA	Solid	Total BTEX	
880-39450-6	S-5,5'	Total/NA	Solid	Total BTEX	
880-39450-7	S-8,3'	Total/NA	Solid	Total BTEX	
880-39450-8	S-8,5'	Total/NA	Solid	Total BTEX	
880-39450-9	S-10,3'	Total/NA	Solid	Total BTEX	
880-39450-10	S-10,5'	Total/NA	Solid	Total BTEX	
880-39450-11	S-13,1'	Total/NA	Solid	Total BTEX	
880-39450-12	S-13,3'	Total/NA	Solid	Total BTEX	
880-39450-13	S-13,5'	Total/NA	Solid	Total BTEX	
880-39450-14	S-14,0-0.5	Total/NA	Solid	Total BTEX	

Analysis Batch: 73799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-9	S-10,3'	Total/NA	Solid	8021B	73284
MB 880-73284/5-A	Method Blank	Total/NA	Solid	8021B	73284
LCS 880-73284/1-A	Lab Control Sample	Total/NA	Solid	8021B	73284
LCSD 880-73284/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	73284

GC Semi VOA

Prep Batch: 73297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	8015NM Prep	
880-39450-2	S-3,5'	Total/NA	Solid	8015NM Prep	
880-39450-3	S-4,3'	Total/NA	Solid	8015NM Prep	
880-39450-4	S-4,5'	Total/NA	Solid	8015NM Prep	
880-39450-5	S-5,3'	Total/NA	Solid	8015NM Prep	
880-39450-6	S-5,5'	Total/NA	Solid	8015NM Prep	
880-39450-7	S-8,3'	Total/NA	Solid	8015NM Prep	
880-39450-8	S-8,5'	Total/NA	Solid	8015NM Prep	
880-39450-9	S-10,3'	Total/NA	Solid	8015NM Prep	
880-39450-10	S-10,5'	Total/NA	Solid	8015NM Prep	
880-39450-11	S-13,1'	Total/NA	Solid	8015NM Prep	
880-39450-12	S-13,3'	Total/NA	Solid	8015NM Prep	
880-39450-13	S-13,5'	Total/NA	Solid	8015NM Prep	
880-39450-14	S-14,0-0.5	Total/NA	Solid	8015NM Prep	
MB 880-73297/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-73297/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-73297/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-39450-1 MS	S-3,3'	Total/NA	Solid	8015NM Prep	
880-39450-1 MSD	S-3,3'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 73423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	8015B NM	73297
880-39450-2	S-3,5'	Total/NA	Solid	8015B NM	73297
880-39450-3	S-4,3'	Total/NA	Solid	8015B NM	73297
880-39450-4	S-4,5'	Total/NA	Solid	8015B NM	73297
880-39450-5	S-5,3'	Total/NA	Solid	8015B NM	73297

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

GC Semi VOA (Continued)

Analysis Batch: 73423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-6	S-5,5'	Total/NA	Solid	8015B NM	73297
880-39450-7	S-8,3'	Total/NA	Solid	8015B NM	73297
880-39450-8	S-8,5'	Total/NA	Solid	8015B NM	73297
880-39450-9	S-10,3'	Total/NA	Solid	8015B NM	73297
880-39450-10	S-10,5'	Total/NA	Solid	8015B NM	73297
880-39450-11	S-13,1'	Total/NA	Solid	8015B NM	73297
880-39450-12	S-13,3'	Total/NA	Solid	8015B NM	73297
880-39450-13	S-13,5'	Total/NA	Solid	8015B NM	73297
880-39450-14	S-14,0-0.5	Total/NA	Solid	8015B NM	73297
MB 880-73297/1-A	Method Blank	Total/NA	Solid	8015B NM	73297
LCS 880-73297/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	73297
LCSD 880-73297/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	73297
880-39450-1 MS	S-3,3'	Total/NA	Solid	8015B NM	73297
880-39450-1 MSD	S-3,3'	Total/NA	Solid	8015B NM	73297

Analysis Batch: 73642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	8015 NM	
880-39450-2	S-3,5'	Total/NA	Solid	8015 NM	
880-39450-3	S-4,3'	Total/NA	Solid	8015 NM	
880-39450-4	S-4,5'	Total/NA	Solid	8015 NM	
880-39450-5	S-5,3'	Total/NA	Solid	8015 NM	
880-39450-6	S-5,5'	Total/NA	Solid	8015 NM	
880-39450-7	S-8,3'	Total/NA	Solid	8015 NM	
880-39450-8	S-8,5'	Total/NA	Solid	8015 NM	
880-39450-9	S-10,3'	Total/NA	Solid	8015 NM	
880-39450-10	S-10,5'	Total/NA	Solid	8015 NM	
880-39450-11	S-13,1'	Total/NA	Solid	8015 NM	
880-39450-12	S-13,3'	Total/NA	Solid	8015 NM	
880-39450-13	S-13,5'	Total/NA	Solid	8015 NM	
880-39450-14	S-14,0-0.5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 73228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Soluble	Solid	DI Leach	
880-39450-2	S-3,5'	Soluble	Solid	DI Leach	
880-39450-3	S-4,3'	Soluble	Solid	DI Leach	
880-39450-4	S-4,5'	Soluble	Solid	DI Leach	
880-39450-5	S-5,3'	Soluble	Solid	DI Leach	
880-39450-6	S-5,5'	Soluble	Solid	DI Leach	
880-39450-7	S-8,3'	Soluble	Solid	DI Leach	
880-39450-8	S-8,5'	Soluble	Solid	DI Leach	
880-39450-9	S-10,3'	Soluble	Solid	DI Leach	
880-39450-10	S-10,5'	Soluble	Solid	DI Leach	
880-39450-11	S-13,1'	Soluble	Solid	DI Leach	
880-39450-12	S-13,3'	Soluble	Solid	DI Leach	
880-39450-13	S-13,5'	Soluble	Solid	DI Leach	
880-39450-14	S-14,0-0.5	Soluble	Solid	DI Leach	
MB 880-73228/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

HPLC/IC (Continued)

Leach Batch: 73228 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-73228/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-73228/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-39450-7 MS	S-8,3'	Soluble	Solid	DI Leach	
880-39450-7 MSD	S-8,3'	Soluble	Solid	DI Leach	

Analysis Batch: 73299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Soluble	Solid	300.0	73228
880-39450-2	S-3,5'	Soluble	Solid	300.0	73228
880-39450-3	S-4,3'	Soluble	Solid	300.0	73228
880-39450-4	S-4,5'	Soluble	Solid	300.0	73228
880-39450-5	S-5,3'	Soluble	Solid	300.0	73228
880-39450-6	S-5,5'	Soluble	Solid	300.0	73228
880-39450-7	S-8,3'	Soluble	Solid	300.0	73228
880-39450-8	S-8,5'	Soluble	Solid	300.0	73228
880-39450-9	S-10,3'	Soluble	Solid	300.0	73228
880-39450-10	S-10,5'	Soluble	Solid	300.0	73228
880-39450-11	S-13,1'	Soluble	Solid	300.0	73228
880-39450-12	S-13,3'	Soluble	Solid	300.0	73228
880-39450-13	S-13,5'	Soluble	Solid	300.0	73228
880-39450-14	S-14,0-0.5	Soluble	Solid	300.0	73228
MB 880-73228/1-A	Method Blank	Soluble	Solid	300.0	73228
LCS 880-73228/2-A	Lab Control Sample	Soluble	Solid	300.0	73228
LCSD 880-73228/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	73228
880-39450-7 MS	S-8,3'	Soluble	Solid	300.0	73228
880-39450-7 MSD	S-8,3'	Soluble	Solid	300.0	73228

Lab Chronicle

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-3,3' Lab Sample ID: 880-39450-1

Date Collected: 02/14/24 11:38 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 11:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 10:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 10:29	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 17:30	CH	EET MID

Client Sample ID: S-3,5' Lab Sample ID: 880-39450-2

Date Collected: 02/14/24 11:39 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 12:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 12:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 11:37	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 11:37	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 17:50	CH	EET MID

Client Sample ID: S-4,3' Lab Sample ID: 880-39450-3

Date Collected: 02/14/24 11:41 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 12:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 12:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 12:00	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 17:57	CH	EET MID

Client Sample ID: S-4,5' Lab Sample ID: 880-39450-4

Date Collected: 02/14/24 11:42 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 13:11	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 13:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-4,5'

Date Collected: 02/14/24 11:42
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			73642	02/19/24 12:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 12:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 18:04	CH	EET MID

Client Sample ID: S-5,3'

Date Collected: 02/14/24 11:43
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 13:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 13:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 12:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 12:44	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	73299	02/16/24 18:11	CH	EET MID

Client Sample ID: S-5,5'

Date Collected: 02/14/24 11:44
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 13:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 13:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 13:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 13:07	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	73299	02/16/24 18:17	CH	EET MID

Client Sample ID: S-8,3'

Date Collected: 02/14/24 11:50
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 14:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 14:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 13:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 13:30	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-8,3' Lab Sample ID: 880-39450-7

Date Collected: 02/14/24 11:50 **Matrix: Solid**
Date Received: 02/15/24 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	73299	02/16/24 18:24	CH	EET MID

Client Sample ID: S-8,5' Lab Sample ID: 880-39450-8

Date Collected: 02/14/24 11:51 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 14:35	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 13:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 18:55	CH	EET MID

Client Sample ID: S-10,3' Lab Sample ID: 880-39450-9

Date Collected: 02/14/24 11:58 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73284	02/15/24 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73799	02/22/24 02:26	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/22/24 02:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 14:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 14:16	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:02	CH	EET MID

Client Sample ID: S-10,5' Lab Sample ID: 880-39450-10

Date Collected: 02/14/24 11:59 **Matrix: Solid**
Date Received: 02/15/24 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 17:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 14:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 14:39	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:22	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-13,1'

Date Collected: 02/14/24 12:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 17:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 17:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 15:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 15:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	73299	02/16/24 19:28	CH	EET MID

Client Sample ID: S-13,3'

Date Collected: 02/14/24 12:02
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 18:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 18:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 15:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 15:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:35	CH	EET MID

Client Sample ID: S-13,5'

Date Collected: 02/14/24 12:03
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 18:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 18:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 16:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 16:25	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:42	CH	EET MID

Client Sample ID: S-14,0-0.5

Date Collected: 02/14/24 11:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 18:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 18:46	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-14,0-0.5

Date Collected: 02/14/24 11:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-14

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			73642	02/19/24 16:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 16:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:49	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

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	T104704400-23-26	06-30-24

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: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

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: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-39450-1	S-3,3'	Solid	02/14/24 11:38	02/15/24 08:40
880-39450-2	S-3,5'	Solid	02/14/24 11:39	02/15/24 08:40
880-39450-3	S-4,3'	Solid	02/14/24 11:41	02/15/24 08:40
880-39450-4	S-4,5'	Solid	02/14/24 11:42	02/15/24 08:40
880-39450-5	S-5,3'	Solid	02/14/24 11:43	02/15/24 08:40
880-39450-6	S-5,5'	Solid	02/14/24 11:44	02/15/24 08:40
880-39450-7	S-8,3'	Solid	02/14/24 11:50	02/15/24 08:40
880-39450-8	S-8,5'	Solid	02/14/24 11:51	02/15/24 08:40
880-39450-9	S-10,3'	Solid	02/14/24 11:58	02/15/24 08:40
880-39450-10	S-10,5'	Solid	02/14/24 11:59	02/15/24 08:40
880-39450-11	S-13,1'	Solid	02/14/24 12:01	02/15/24 08:40
880-39450-12	S-13,3'	Solid	02/14/24 12:02	02/15/24 08:40
880-39450-13	S-13,5'	Solid	02/14/24 12:03	02/15/24 08:40
880-39450-14	S-14,0-0.5	Solid	02/14/24 11:01	02/15/24 08:40

Released to Imaging: 1/21/2025 8:09:16 AM
Received by OCD: 1/6/2025 1:03:05 PM

39450

No. 3217

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE 2-15-2024 PAGE 1 OF 1

PO# _____ LAB WORK ORDER# _____

PROJECT LOCATION OR NAME SD 23 CTB 2nd Sp. 11

LAI PROJECT # 23-0102-07 COLLECTOR RW & DSL

TRRP report? ☐ Yes ☑ No

TIME ZONE Time zone/State: MST / NM

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION HCl	HNO3	H2SO4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐	HERB ☐	Semi-VOC ☐	TOTAL METALS (RCRA) ☐	OTHER LIST ☐	LEAD - TOTAL ☐	D W 200.8 ☐	TCLP ☐	RCI ☐	TOX ☐	FLASHPOINT ☐	TDS ☐	TSS ☐	% MOISTURE ☐	pH ☐	CYANIDE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-3, 3'		2-14-24	1138	S	1				X		X		X	X	X																									X		
S-3, 5'			1139																																							
S-4, 3'			1141																																							
S-4, 5'			1142																																							
S-5, 3'			1143																																							
S-5, 5'			1144																																							
S-7, 3'			1150																																							
S-7, 5'			1151																																							
S-10, 3'			1158																																							
S-10, 5'			1159																																							
S-13, 1'			1201																																							
S-13, 3'			1202																																							
S-13, 5'			1203																																							
S-14, 0-0.5'			1101																																							
TOTAL																																									

880-39450 Chain of Custody

RELINQUISHED BY (Signature)	DATE/TIME 2-15-24 0840	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☑
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 0.7 THERM# 06
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-39450-1
SDG Number: 23-0102-07

Login Number: 39450
List Number: 1
Creator: Wheeler, Jazmine

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	

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/9/2024 11:54:36 AM

JOB DESCRIPTION

NGL- Tie In
Lea County, New Mexico

JOB NUMBER

880-48024-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 1/21/2025 8:09:10 AM

my EOL

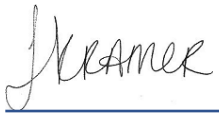
Eurofins Midland

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
9/9/2024 11:54:36 AM

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

Client: Carmona Resources
Project/Site: NGL- Tie In

Laboratory Job ID: 880-48024-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: NGL- Tie In

Job ID: 880-48024-1

Job ID: 880-48024-1 Eurofins Midland

Job Narrative
880-48024-1

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

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

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

Receipt
The samples were received on 9/3/2024 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -6.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1.0") (880-48024-1), S-1 (1.5') (880-48024-2), S-1 (2.0') (880-48024-3), S-1 (3.0') (880-48024-4), S-1 (4.0') (880-48024-5), S-2 (0-1.0") (880-48024-6), S-2 (1.5') (880-48024-7), S-2 (2.0') (880-48024-8), S-2 (3.0') (880-48024-9), S-2 (4.0') (880-48024-10), S-2 (4.5') (880-48024-11), S-3 (0-1.0") (880-48024-12), S-3 (1.5') (880-48024-13), S-3 (2.0') (880-48024-14), S-3 (3.0') (880-48024-15), S-3 (4.0') (880-48024-16), S-4 (0-1.0") (880-48024-17), S-4 (1.5') (880-48024-18), S-4 (2.0') (880-48024-19), S-4 (3.0') (880-48024-20), S-4 (4.0') (880-48024-21), S-4 (5.0') (880-48024-22), S-5 (0-1.0") (880-48024-23), S-5 (1.5') (880-48024-24), S-5 (2.0') (880-48024-25), S-5 (3.0') (880-48024-26), S-5 (4.0') (880-48024-27), S-5 (5.0') (880-48024-28), S-6 (0-1.0") (880-48024-29), S-6 (1.5') (880-48024-30), S-6 (2.0') (880-48024-31), S-6 (3.0') (880-48024-32), S-6 (4.0') (880-48024-33), S-6 (5.0') (880-48024-34), S-6 (6.0') (880-48024-35), S-7 (0-1.0") (880-48024-36), S-7 (1.5') (880-48024-37), S-7 (2.0') (880-48024-38), S-7 (3.0') (880-48024-39), S-7 (4.0') (880-48024-40), S-7 (5.0') (880-48024-41), S-7 (6.0) (880-48024-42), S-8 (0-1.0") (880-48024-43), S-8 (1.5') (880-48024-44), S-8 (2.0') (880-48024-45), S-8 (3.0') (880-48024-46), S-8 (4.0') (880-48024-47), S-8 (5.0') (880-48024-48), S-9 (0-1.0") (880-48024-49), S-9 (1.5') (880-48024-50), S-9 (2.0') (880-48024-51), S-9 (3.0') (880-48024-52), S-9 (4.0') (880-48024-53), S-9 (5.0') (880-48024-54), S-10 (0-1.0") (880-48024-55), S-10 (1.5') (880-48024-56), S-10 (2.0') (880-48024-57), S-10 (3.0') (880-48024-58), S-10 (4.0') (880-48024-59), S-10 (5.0') (880-48024-60), S-11 (0-1.0") (880-48024-61), S-11 (1.5') (880-48024-62), S-11 (2.0') (880-48024-63), S-11 (3.0') (880-48024-64), S-11 (4.0') (880-48024-65), S-11 (5.0') (880-48024-66), S-12 (0-1.0") (880-48024-67), S-12 (1.5') (880-48024-68), S-12 (2.0') (880-48024-69), S-12 (3.0') (880-48024-70), S-12 (4.0') (880-48024-71) and S-12 (4.5') (880-48024-72).

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-90050 and analytical batch 880-90120 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-90050 and analytical batch 880-90120 was outside the control limits.

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90030 and analytical batch 880-90113 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (1.5') (880-48024-2), (LCS 880-90030/2-A) and (880-48023-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-1 (0-1.0") (880-48024-1), S-1 (2.0') (880-48024-3) and S-1 (3.0') (880-48024-4). Percent recoveries are based on the amount spiked.

Eurofins Midland

Case Narrative

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Project: NGL- Tie In

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Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-2 (0-1.0") (880-48024-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-2 (1.5') (880-48024-7), S-2 (2.0') (880-48024-8), S-2 (3.0') (880-48024-9), S-2 (4.0') (880-48024-10), S-2 (4.5') (880-48024-11), S-3 (0-1.0") (880-48024-12), S-3 (1.5') (880-48024-13), S-3 (2.0') (880-48024-14), S-3 (3.0') (880-48024-15), S-3 (4.0') (880-48024-16), S-4 (0-1.0") (880-48024-17), S-4 (1.5') (880-48024-18), S-4 (2.0') (880-48024-19), S-4 (3.0') (880-48024-20), S-4 (4.0') (880-48024-21), S-4 (5.0') (880-48024-22), S-5 (0-1.0") (880-48024-23), S-5 (1.5') (880-48024-24), S-5 (2.0') (880-48024-25), S-5 (3.0') (880-48024-26), (LCS 880-90032/2-A), (880-48024-A-7-B MS) and (880-48024-A-7-C MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-90032/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90116 and analytical batch 880-90109 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-12 (4.0') (880-48024-71), S-12 (4.5') (880-48024-72) and (880-47051-A-14-A MB). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-90116 and analytical batch 880-90109 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-90116 and analytical batch 880-90109 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-12 (1.5') (880-48024-68), S-12 (2.0') (880-48024-69), S-12 (3.0') (880-48024-70), (880-47051-A-13-A MB) and (880-48024-A-67-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90037 and analytical batch 880-90107 was outside the upper control limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-90037 and analytical batch 880-90107 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90037 and analytical batch 880-90107 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-90035/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-90033/2-A) and (LCSD 880-90033/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-5 (4.0') (880-48024-27), S-5 (5.0') (880-48024-28), S-6 (0-1.0") (880-48024-29), S-6 (1.5') (880-48024-30), S-6 (2.0') (880-48024-31), S-6 (3.0') (880-48024-32), S-6 (4.0') (880-48024-33), S-6 (5.0') (880-48024-34), S-6 (6.0') (880-48024-35), S-7 (0-1.0") (880-48024-36), S-7 (1.5') (880-48024-37), S-7 (2.0') (880-48024-38), S-7 (3.0') (880-48024-39), S-7 (4.0') (880-48024-40), S-7 (5.0') (880-48024-41), S-7 (6.0) (880-48024-42), S-8 (0-1.0") (880-48024-43), S-8 (1.5') (880-48024-44), S-8 (2.0') (880-48024-45), S-8 (3.0') (880-48024-46), (CCV 880-90177/21), (880-48024-A-27-B MS) and (880-48024-A-27-C MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-90033 and analytical batch 880-90177 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

Case Narrative

Client: Carmona Resources
Project: NGL- Tie In

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limits.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90040 and analytical batch 880-90083 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90041 and analytical batch 880-90090 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90042 and analytical batch 880-90110 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90039 and analytical batch 880-90057 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-1.0")

Lab Sample ID: 880-48024-1
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:31*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:31*	*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			09/05/24 12:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**456**		49.7		mg/Kg			09/05/24 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:13	1
Diesel Range Organics (Over C10-C28)	**456**		49.7		mg/Kg		09/04/24 09:11	09/05/24 14:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:13	1
Total TPH	**456**		49.7		mg/Kg		09/04/24 09:11	09/05/24 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:13*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1210**		4.95		mg/Kg			09/06/24 20:38	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-48024-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 12:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:51*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-48024-2

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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			09/05/24 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:29	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:29*	*1*
o-Terphenyl	*126*		*70 - 130*	*09/04/24 09:11*	*09/05/24 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3450**		24.8		mg/Kg			09/06/24 20:46	5

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-48024-3

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 13:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 13:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 13:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 13:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 13:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:11*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:11*	*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			09/05/24 13:11	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			09/05/24 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 14:45	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-48024-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 14:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 14:45	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:45*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3830**		50.4		mg/Kg			09/06/24 20:55	10

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-48024-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:32*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:32*	*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			09/05/24 13:32	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			09/05/24 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:01	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 15:01*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 15:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-48024-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2770		24.8		mg/Kg			09/06/24 21:03	5

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-48024-5
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 13:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:52*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:52*	*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			09/05/24 13:52	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			09/05/24 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:16	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*09/04/24 09:11*	*09/05/24 15:16*	*1*
o-Terphenyl	*120*		*70 - 130*	*09/04/24 09:11*	*09/05/24 15:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5940	F1	50.2		mg/Kg			09/06/24 21:11	10

Client Sample ID: S-2 (0-1.0")

Lab Sample ID: 880-48024-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 14:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 14:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (0-1.0")

Lab Sample ID: 880-48024-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 14:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 14:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 14:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:13*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 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	**1130**		50.0		mg/Kg			09/05/24 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 15:32	1
Diesel Range Organics (Over C10-C28)	**1130**		50.0		mg/Kg		09/04/24 09:11	09/05/24 15:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 15:32	1
Total TPH	**1130**		50.0		mg/Kg		09/04/24 09:11	09/05/24 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*09/04/24 09:11*	*09/05/24 15:32*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 15:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3370**		25.1		mg/Kg			09/06/24 21:36	5

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-48024-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 14:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:33*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-48024-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 14:33	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			09/05/24 09:39	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		09/04/24 09:15	09/05/24 09:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 09:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 09:39	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 09:39*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 09:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2260**		24.9		mg/Kg			09/06/24 21:44	5

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-48024-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 14:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 14:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 14:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 10:56	09/05/24 14:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 14:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 10:56	09/05/24 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:53*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:53*	*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			09/05/24 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**157**		49.9		mg/Kg			09/05/24 10:27	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	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 10:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-48024-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**157**		49.9		mg/Kg		09/04/24 09:15	09/05/24 10:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 10:27	1
Total TPH	**157**		49.9		mg/Kg		09/04/24 09:15	09/05/24 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 10:27*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 10:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2740**		24.9		mg/Kg			09/06/24 22:08	5

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-48024-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 15:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 15:14*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 15:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 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	<49.8	U	49.8		mg/Kg			09/05/24 10:44	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		09/04/24 09:15	09/05/24 10:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 10:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 10:44	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*159*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 10:44*	*1*
o-Terphenyl	*172*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 10:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-48024-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3740		50.3		mg/Kg			09/06/24 22:16	10

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-48024-10
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*09/04/24 10:56*	*09/05/24 15:34*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 10:56*	*09/05/24 15:34*	*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			09/05/24 15:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/05/24 11:00	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		09/04/24 09:15	09/05/24 11:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 11:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 11:00	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:00*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2880		25.1		mg/Kg			09/06/24 22:25	5

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-48024-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 17:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 17:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (4.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 17:08	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/04/24 10:56	09/05/24 17:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 17:08	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/04/24 10:56	09/05/24 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:08*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:08*	*1*

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			09/05/24 17:08	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			09/05/24 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:16	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*146*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:16*	*1*
o-Terphenyl	*156*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2990**		25.0		mg/Kg			09/06/24 22:33	5

Client Sample ID: S-3 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-12
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		09/04/24 10:56	09/05/24 17:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 17:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 17:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 17:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 17:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:29*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:29*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-1.0")

Lab Sample ID: 880-48024-12
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 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	<49.8	U	49.8		mg/Kg			09/05/24 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:32	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:32*	*1*
o-Terphenyl	*146*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3480**		50.1		mg/Kg			09/06/24 22:41	10

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-48024-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 17:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:49*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:49*	*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			09/05/24 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	<50.0	U	50.0		mg/Kg			09/05/24 11:48	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		09/04/24 09:15	09/05/24 11:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-48024-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 11:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 11:48	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*150*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:48*	*1*
o-Terphenyl	*161*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7020**		49.5		mg/Kg			09/06/24 22:49	10

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-48024-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 18:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:09*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:09*	*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			09/05/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 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		09/04/24 09:15	09/05/24 12:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 12:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 12:04	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:04*	*1*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-48024-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6550		49.5		mg/Kg			09/06/24 22:57	10

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-48024-15
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 18:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:30*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:30*	*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			09/05/24 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 12:20	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	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 12:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 12:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 12:20	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*146*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:20*	*1*
o-Terphenyl	*154*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4540	F1	50.4		mg/Kg			09/06/24 14:31	10

Client Sample ID: S-3 (4.0')

Lab Sample ID: 880-48024-16
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 18:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 18:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (4.0')

Lab Sample ID: 880-48024-16
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 18:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 10:56	09/05/24 18:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 18:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 10:56	09/05/24 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:50*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:50*	*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			09/05/24 18:50	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			09/05/24 12:36	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		09/04/24 09:15	09/05/24 12:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 12:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 12:36	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*147*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:36*	*1*
o-Terphenyl	*156*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4970**		50.2		mg/Kg			09/06/24 14:56	10

Client Sample ID: S-4 (0-1.0")

Lab Sample ID: 880-48024-17
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 19:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 19:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 19:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 19:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 19:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:11*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-1.0")

Lab Sample ID: 880-48024-17
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 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	<49.7	U	49.7		mg/Kg			09/05/24 13:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 13:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 13:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 13:08	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:08*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13900**		99.6		mg/Kg			09/06/24 15:04	20

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-48024-18
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:31*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:31*	*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			09/05/24 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/05/24 13:24	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	<49.6	U	49.6		mg/Kg		09/04/24 09:15	09/05/24 13:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-48024-18
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/04/24 09:15	09/05/24 13:24	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/04/24 09:15	09/05/24 13:24	1
Total TPH	<49.6	U	49.6		mg/Kg		09/04/24 09:15	09/05/24 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:24*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1860**		24.8		mg/Kg			09/06/24 15:12	5

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-48024-19
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 19:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:52*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:52*	*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			09/05/24 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	<49.9	U	49.9		mg/Kg			09/05/24 13:41	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		09/04/24 09:15	09/05/24 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 13:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 13:41	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:41*	*1*
o-Terphenyl	*154*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-48024-19
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		25.0		mg/Kg			09/06/24 15:20	5

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-48024-20
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 20:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/04/24 10:56*	*09/05/24 20:12*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/04/24 10:56*	*09/05/24 20:12*	*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			09/05/24 20:12	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			09/05/24 13:57	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		09/04/24 09:15	09/05/24 13:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 13:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 13:57	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:57*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2570		24.8		mg/Kg			09/06/24 15:44	5

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-48024-21
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/04/24 23:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 23:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-48024-21
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 23:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/04/24 23:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 23:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/04/24 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:10*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:10*	*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			09/04/24 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 14:13	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		09/04/24 09:15	09/05/24 14:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 14:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 14:13	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:13*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3540**		24.8		mg/Kg			09/06/24 15:53	5

Client Sample ID: S-4 (5.0')

Lab Sample ID: 880-48024-22
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/04/24 23:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/04/24 23:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/04/24 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:30*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (5.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-22
Matrix: Solid

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			09/04/24 23:30	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			09/05/24 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 14:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 14:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 14:29	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:29*	*1*
o-Terphenyl	*165*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8080**		50.4		mg/Kg			09/06/24 16:01	10

Client Sample ID: S-5 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-23
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		09/04/24 11:00	09/04/24 23:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/04/24 23:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/04/24 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:51*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:51*	*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			09/04/24 23:51	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			09/05/24 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 14:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (0-1.0")

Lab Sample ID: 880-48024-23
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 14:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 14:45	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:45*	*1*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7720**		49.6		mg/Kg			09/06/24 16:09	10

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-48024-24
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 00:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:12*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:12*	*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			09/05/24 00:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 15:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 15:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 15:01	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:01*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-48024-24
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		25.2		mg/Kg			09/06/24 16:17	5

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-48024-25
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 00:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:32*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:32*	*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			09/05/24 00:32	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			09/05/24 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:16	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:16*	*1*
o-Terphenyl	*143*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790	F1	24.9		mg/Kg			09/06/24 16:25	5

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-48024-26
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 00:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-48024-26
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 00:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:53*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:53*	*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			09/05/24 00:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:32	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:32*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1380**		25.1		mg/Kg			09/06/24 16:50	5

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-48024-27
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 01:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:13*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-48024-27
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 01:13	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			09/06/24 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	49.8		mg/Kg		09/04/24 09:22	09/06/24 13:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 13:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 13:26	1
Total TPH	<49.8	U F1	49.8		mg/Kg		09/04/24 09:22	09/06/24 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 13:26*	*1*
o-Terphenyl	*159*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 13:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2530**		24.8		mg/Kg			09/06/24 16:58	5

Client Sample ID: S-5 (5.0')

Lab Sample ID: 880-48024-28
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 01:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 01:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 01:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 11:00	09/05/24 01:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 01:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:00	09/05/24 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:34*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:34*	*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			09/05/24 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/06/24 14:14	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	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 14:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (5.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-28
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 14:14	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 14:14	1
Total TPH	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 14:14*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 14:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**		5.02		mg/Kg			09/06/24 17:22	1

Client Sample ID: S-6 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-29
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		09/04/24 11:00	09/05/24 01:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 01:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 01:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 01:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 01:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:54*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:54*	*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			09/05/24 01:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/06/24 14:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 14:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 14:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 14:30	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*167*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 14:30*	*1*
o-Terphenyl	*175*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 14:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (0-1.0")

Lab Sample ID: 880-48024-29
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2630		24.8		mg/Kg			09/06/24 17:30	5

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-48024-30
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 02:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*09/04/24 11:00*	*09/05/24 02:15*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:00*	*09/05/24 02:15*	*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			09/05/24 02:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:11	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*162*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:11*	*1*
o-Terphenyl	*319*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		25.2		mg/Kg			09/06/24 17:39	5

Client Sample ID: S-6 (2.0')

Lab Sample ID: 880-48024-31
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 03:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 03:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (2.0')

Lab Sample ID: 880-48024-31
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 03:40	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/04/24 11:00	09/05/24 03:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 03:40	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/04/24 11:00	09/05/24 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 03:40*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:00*	*09/05/24 03:40*	*1*

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			09/05/24 03:40	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			09/06/24 17:28	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	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 17:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 17:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 17:28	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:28*	*1*
o-Terphenyl	*156*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1720**		24.9		mg/Kg			09/06/24 17:47	5

Client Sample ID: S-6 (3.0')

Lab Sample ID: 880-48024-32
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 04:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/05/24 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:00*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (3.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-32
Matrix: Solid

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			09/05/24 04:00	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			09/06/24 17:44	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		09/04/24 09:22	09/06/24 17:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:44	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*169*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:44*	*1*
o-Terphenyl	*177*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2370**		25.2		mg/Kg			09/06/24 17:55	5

Client Sample ID: S-6 (4.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-33
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		09/04/24 11:00	09/05/24 04:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:21*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:21*	*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			09/05/24 04:21	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			09/06/24 18:00	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		09/04/24 09:22	09/06/24 18:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (4.0')

Lab Sample ID: 880-48024-33
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 18:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 18:00	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*182*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:00*	*1*
o-Terphenyl	*196*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4220**		50.3		mg/Kg			09/06/24 18:03	10

Client Sample ID: S-6 (5.0')

Lab Sample ID: 880-48024-34
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 04:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:41*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:41*	*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			09/05/24 04:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/06/24 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 18:16	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 18:16	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 18:16	1
Total TPH	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:16*	*1*
o-Terphenyl	*161*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (5.0')

Lab Sample ID: 880-48024-34
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3640		49.7		mg/Kg			09/06/24 18:11	10

Client Sample ID: S-6 (6.0')

Lab Sample ID: 880-48024-35
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 05:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:02*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:02*	*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			09/05/24 05:02	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			09/06/24 18:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 18:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 18:32	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:32*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2670	F1	25.2		mg/Kg			09/06/24 18:06	5

Client Sample ID: S-7 (0-1.0")

Lab Sample ID: 880-48024-36
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 05:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 05:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (0-1.0")

Lab Sample ID: 880-48024-36
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 05:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 11:00	09/05/24 05:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 05:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:00	09/05/24 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:22*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:22*	*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			09/05/24 05:22	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			09/06/24 18:48	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		09/04/24 09:22	09/06/24 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 18:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 18:48	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*154*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:48*	*1*
o-Terphenyl	*157*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1690**		25.1		mg/Kg			09/06/24 18:33	5

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-48024-37
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 05:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 05:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:43*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-48024-37
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 05:43	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			09/06/24 19:20	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	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 19:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 19:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 19:20	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:20*	*1*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		24.9		mg/Kg			09/06/24 18:42	5

Client Sample ID: S-7 (2.0')

Lab Sample ID: 880-48024-38
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 06:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 06:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:04*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:04*	*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			09/05/24 06:04	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			09/06/24 19:37	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		09/04/24 09:22	09/06/24 19:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (2.0')

Lab Sample ID: 880-48024-38
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 19:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 19:37	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:37*	*1*
o-Terphenyl	*147*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1850**		24.8		mg/Kg			09/06/24 18:51	5

Client Sample ID: S-7 (3.0')

Lab Sample ID: 880-48024-39
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 06:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/05/24 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:24*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:24*	*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			09/05/24 06:24	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			09/06/24 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 19:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 19:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 19:53	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:53*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (3.0')

Lab Sample ID: 880-48024-39
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2310		25.2		mg/Kg			09/06/24 18:59	5

Client Sample ID: S-7 (4.0')

Lab Sample ID: 880-48024-40
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 06:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 06:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:45*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:45*	*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			09/05/24 06:45	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			09/06/24 20:09	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	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:09	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*194*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:09*	*1*
o-Terphenyl	*204*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2170		24.9		mg/Kg			09/07/24 02:23	5

Client Sample ID: S-7 (5.0')

Lab Sample ID: 880-48024-41
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 12:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (5.0')

Lab Sample ID: 880-48024-41
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:33	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		09/04/24 11:03	09/05/24 12:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:03	09/05/24 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:03*	*09/05/24 12:33*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*09/04/24 11:03*	*09/05/24 12:33*	*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			09/05/24 12:33	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			09/06/24 20:25	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		09/04/24 09:22	09/06/24 20:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:25	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:25*	*1*
o-Terphenyl	*159*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1180**		5.02		mg/Kg			09/07/24 02:32	1

Client Sample ID: S-7 (6.0)

Lab Sample ID: 880-48024-42
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 12:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 12:54	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 12:54	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 12:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 12:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:03*	*09/05/24 12:54*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*09/04/24 11:03*	*09/05/24 12:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (6.0)

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-42

Matrix: Solid

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			09/05/24 12:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/06/24 20:41	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	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:41	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*179*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:41*	*1*
o-Terphenyl	*189*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**464**		4.97		mg/Kg			09/07/24 02:41	1

Client Sample ID: S-8 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-43

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		09/04/24 11:03	09/05/24 13:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 13:14	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 13:14	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 13:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 13:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:14*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:14*	*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			09/05/24 13:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/06/24 20:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (0-1.0")

Lab Sample ID: 880-48024-43
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:57	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:57*	*1*
o-Terphenyl	*151*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1740**		25.0		mg/Kg			09/07/24 02:50	5

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-48024-44
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 13:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:03	09/05/24 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:35*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:35*	*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			09/05/24 13:35	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			09/06/24 21:13	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		09/04/24 09:22	09/06/24 21:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 21:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 21:13	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*152*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:13*	*1*
o-Terphenyl	*159*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-48024-44
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		24.8		mg/Kg			09/07/24 02:59	5

Client Sample ID: S-8 (2.0')

Lab Sample ID: 880-48024-45
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 13:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:55*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:55*	*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			09/05/24 13:55	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			09/06/24 21:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:29	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:29*	*1*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200	F1	25.0		mg/Kg			09/07/24 03:08	5

Client Sample ID: S-8 (3.0')

Lab Sample ID: 880-48024-46
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 14:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 14:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (3.0')

Lab Sample ID: 880-48024-46
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 14:16	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 14:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 14:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:16*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:16*	*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			09/05/24 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:46	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:46*	*1*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2110**		25.1		mg/Kg			09/07/24 03:34	5

Client Sample ID: S-8 (4.0')

Lab Sample ID: 880-48024-47
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 14:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:37*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (4.0')

Lab Sample ID: 880-48024-47
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 14:37	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			09/07/24 00:58	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		09/04/24 09:28	09/07/24 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:58	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/04/24 09:28*	*09/07/24 00:58*	*1*
o-Terphenyl	*85*		*70 - 130*	*09/04/24 09:28*	*09/07/24 00:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**205**		5.01		mg/Kg			09/07/24 03:43	1

Client Sample ID: S-8 (5.0')

Lab Sample ID: 880-48024-48
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 14:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 14:57	1
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		09/04/24 11:03	09/05/24 14:57	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		09/04/24 11:03	09/05/24 14:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 14:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:03	09/05/24 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:57*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:57*	*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			09/05/24 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 01:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (5.0')

Lab Sample ID: 880-48024-48
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 01:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 01:45	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*09/04/24 09:28*	*09/07/24 01:45*	*1*
o-Terphenyl	*87*		*70 - 130*	*09/04/24 09:28*	*09/07/24 01:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		4.96		mg/Kg			09/07/24 04:10	1

Client Sample ID: S-9 (0-1.0")

Lab Sample ID: 880-48024-49
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 15:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:03	09/05/24 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:03*	*09/05/24 15:18*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/04/24 11:03*	*09/05/24 15:18*	*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			09/05/24 15:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:00	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:00*	*1*
o-Terphenyl	*84*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (0-1.0")

Lab Sample ID: 880-48024-49
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3590		25.2		mg/Kg			09/07/24 04:19	5

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-48024-50
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 15:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:03*	*09/05/24 15:38*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 15:38*	*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			09/05/24 15:38	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			09/07/24 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 02:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 02:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 02:16	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:16*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2390		25.1		mg/Kg			09/07/24 04:28	5

Client Sample ID: S-9 (2.0')

Lab Sample ID: 880-48024-51
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 17:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 17:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (2.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-51
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		09/04/24 11:03	09/05/24 17:03	1
m-Xylene & p-Xylene	<0.00397	U *+	0.00397		mg/Kg		09/04/24 11:03	09/05/24 17:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 17:03	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/04/24 11:03	09/05/24 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:03*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:03*	*1*

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			09/05/24 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/07/24 02:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 02:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 02:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 02:32	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:32*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3280**		24.9		mg/Kg			09/07/24 04:36	5

Client Sample ID: S-9 (3.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-52
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		09/04/24 11:03	09/05/24 17:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 17:23	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 17:23	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		09/04/24 11:03	09/05/24 17:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 17:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:03	09/05/24 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:23*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (3.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-52
Matrix: Solid

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			09/05/24 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:48	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:48*	*1*
o-Terphenyl	*80*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3150**		24.9		mg/Kg			09/07/24 04:45	5

Client Sample ID: S-9 (4.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-53
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		09/04/24 11:03	09/05/24 17:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:44*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:44*	*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			09/05/24 17:44	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			09/07/24 03:04	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		09/04/24 09:28	09/07/24 03:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (4.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-53
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 03:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 03:04	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:04*	*1*
o-Terphenyl	*85*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3670**		24.9		mg/Kg			09/07/24 04:54	5

Client Sample ID: S-9 (5.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-54
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		09/04/24 11:03	09/05/24 18:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:05*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:05*	*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			09/05/24 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/07/24 03:20	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	<49.6	U	49.6		mg/Kg		09/04/24 09:28	09/07/24 03:20	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/04/24 09:28	09/07/24 03:20	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/04/24 09:28	09/07/24 03:20	1
Total TPH	<49.6	U	49.6		mg/Kg		09/04/24 09:28	09/07/24 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:20*	*1*
o-Terphenyl	*85*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (5.0')

Lab Sample ID: 880-48024-54
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3220		25.2		mg/Kg			09/07/24 05:03	5

Client Sample ID: S-10 (0-1.0")

Lab Sample ID: 880-48024-55
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 18:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:25*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:25*	*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			09/05/24 18:25	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			09/07/24 03:36	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		09/04/24 09:28	09/07/24 03:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:36	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:36*	*1*
o-Terphenyl	*78*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200	F1	24.9		mg/Kg			09/07/24 06:14	5

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-48024-56
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 18:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 18:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-48024-56
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		09/04/24 11:03	09/05/24 18:46	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		09/04/24 11:03	09/05/24 18:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 18:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:03	09/05/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:46*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:46*	*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			09/05/24 18:46	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			09/07/24 03:52	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		09/04/24 09:28	09/07/24 03:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:52	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:52*	*1*
o-Terphenyl	*75*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2110**		24.9		mg/Kg			09/07/24 06:41	5

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-48024-57
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 19:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:06*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-48024-57
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 19:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 04:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 04:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 04:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 04:25	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:25*	*1*
o-Terphenyl	*79*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2240**		24.9		mg/Kg			09/07/24 06:49	5

Client Sample ID: S-10 (3.0')

Lab Sample ID: 880-48024-58
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 19:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:03	09/05/24 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:27*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:27*	*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			09/05/24 19:27	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			09/07/24 04:40	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		09/04/24 09:28	09/07/24 04:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (3.0')

Lab Sample ID: 880-48024-58
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 04:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 04:40	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:40*	*1*
o-Terphenyl	*81*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2750**		24.8		mg/Kg			09/07/24 06:58	5

Client Sample ID: S-10 (4.0')

Lab Sample ID: 880-48024-59
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 19:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:03	09/05/24 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:47*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:47*	*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			09/05/24 19:47	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			09/07/24 04:57	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		09/04/24 09:28	09/07/24 04:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 04:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 04:57	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:57*	*1*
o-Terphenyl	*82*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:57*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (4.0')

Lab Sample ID: 880-48024-59
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2860		24.9		mg/Kg			09/07/24 07:07	5

Client Sample ID: S-10 (5.0')

Lab Sample ID: 880-48024-60
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 20:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:03*	*09/05/24 20:08*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:03*	*09/05/24 20:08*	*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			09/05/24 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 05:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:13	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:13*	*1*
o-Terphenyl	*81*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6420		50.0		mg/Kg			09/07/24 07:34	10

Client Sample ID: S-11 (0-1.0")

Lab Sample ID: 880-48024-61
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 12:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (0-1.0")

Lab Sample ID: 880-48024-61
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 12:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 12:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/04/24 11:11*	*09/05/24 12:20*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 11:11*	*09/05/24 12:20*	*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			09/05/24 12:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/07/24 05:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 05:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 05:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 05:29	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:29*	*1*
o-Terphenyl	*82*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2070**		25.1		mg/Kg			09/07/24 07:43	5

Client Sample ID: S-11 (1.5')

Lab Sample ID: 880-48024-62
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 12:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*09/04/24 11:11*	*09/05/24 12:40*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 11:11*	*09/05/24 12:40*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (1.5')

Lab Sample ID: 880-48024-62
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 05:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:44	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:44*	*1*
o-Terphenyl	*78*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3210**		24.9		mg/Kg			09/07/24 07:51	5

Client Sample ID: S-11 (2.0')

Lab Sample ID: 880-48024-63
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 13:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:01*	*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			09/05/24 13:01	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			09/07/24 06:00	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		09/04/24 09:28	09/07/24 06:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (2.0')

Lab Sample ID: 880-48024-63
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:00	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:00*	*1*
o-Terphenyl	*76*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2810**		25.1		mg/Kg			09/07/24 08:00	5

Client Sample ID: S-11 (3.0')

Lab Sample ID: 880-48024-64
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 13:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:21*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:21*	*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			09/05/24 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/07/24 06:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:16	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:16*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (3.0')

Lab Sample ID: 880-48024-64
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4200		49.7		mg/Kg			09/07/24 08:09	10

Client Sample ID: S-11 (4.0')

Lab Sample ID: 880-48024-65
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 13:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:41*	*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			09/05/24 13:41	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			09/07/24 06:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:32	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:32*	*1*
o-Terphenyl	*83*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5430	F1	49.8		mg/Kg			09/07/24 08:18	10

Client Sample ID: S-11 (5.0')

Lab Sample ID: 880-48024-66
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 14:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 14:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (5.0')

Lab Sample ID: 880-48024-66
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 14:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 14:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 14:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:02*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:02*	*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			09/05/24 14:02	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			09/07/24 06:47	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		09/04/24 09:28	09/07/24 06:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:47	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:47*	*1*
o-Terphenyl	*78*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3820**		24.9		mg/Kg			09/07/24 08:45	5

Client Sample ID: S-12 (0-1.0")

Lab Sample ID: 880-48024-67
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 14:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:22*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (0-1.0")

Lab Sample ID: 880-48024-67
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 14:22	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**		49.9		mg/Kg			09/05/24 11:04	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	<49.9	U F2 *1	49.9		mg/Kg		09/04/24 09:35	09/05/24 11:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	49.9		mg/Kg		09/04/24 09:35	09/05/24 11:04	1
Oil Range Organics (Over C28-C36)	**50.4**		49.9		mg/Kg		09/04/24 09:35	09/05/24 11:04	1
Total TPH	**50.4**	**F1 F2**	49.9		mg/Kg		09/04/24 09:35	09/05/24 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*09/04/24 09:35*	*09/05/24 11:04*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 11:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10100**		99.0		mg/Kg			09/07/24 08:54	20

Client Sample ID: S-12 (1.5')

Lab Sample ID: 880-48024-68
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 14:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 14:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 14:43	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 11:11	09/05/24 14:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 14:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:11	09/05/24 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:43*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:43*	*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			09/05/24 14:43	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			09/05/24 12:02	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 *1	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (1.5')

Lab Sample ID: 880-48024-68
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:02	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 12:02*	*1*
o-Terphenyl	*164*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 12:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1770**		24.8		mg/Kg			09/07/24 09:20	5

Client Sample ID: S-12 (2.0')

Lab Sample ID: 880-48024-69
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 11:11*	*09/05/24 15:03*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 15:03*	*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			09/05/24 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 12:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		09/04/24 09:35	09/05/24 12:21	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:35	09/05/24 12:21	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:35	09/05/24 12:21	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:35	09/05/24 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*09/04/24 09:35*	*09/05/24 12:21*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 12:21*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (2.0')

Lab Sample ID: 880-48024-69
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		25.1		mg/Kg			09/07/24 09:29	5

Client Sample ID: S-12 (3.0')

Lab Sample ID: 880-48024-70
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 15:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/04/24 11:11*	*09/05/24 15:24*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 15:24*	*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			09/05/24 15:24	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			09/05/24 12:40	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 *1	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:40	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*09/04/24 09:35*	*09/05/24 12:40*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 12:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		5.04		mg/Kg			09/07/24 09:38	1

Client Sample ID: S-12 (4.0')

Lab Sample ID: 880-48024-71
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 16:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 16:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (4.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-71
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 16:47	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/04/24 11:11	09/05/24 16:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 16:47	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/04/24 11:11	09/05/24 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/04/24 11:11*	*09/05/24 16:47*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 11:11*	*09/05/24 16:47*	*1*

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			09/05/24 16:47	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			09/05/24 11:04	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	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 11:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/05/24 08:55	09/05/24 11:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 11:04	1
Total TPH	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*09/05/24 08:55*	*09/05/24 11:04*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*09/05/24 08:55*	*09/05/24 11:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.7**		5.04		mg/Kg			09/07/24 09:47	1

Client Sample ID: S-12 (4.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-72
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		09/04/24 11:11	09/05/24 17:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:07*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (4.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-72

Matrix: Solid

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			09/05/24 17:07	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			09/05/24 12:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 12:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/05/24 08:55	09/05/24 12:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 12:02	1
Total TPH	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/05/24 08:55*	*09/05/24 12:02*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*09/05/24 08:55*	*09/05/24 12:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.9**		4.96		mg/Kg			09/07/24 09:56	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-48024-1	S-1 (0-1.0")	122	97										
880-48024-1 MS	S-1 (0-1.0")	116	97										
880-48024-1 MSD	S-1 (0-1.0")	114	96										
880-48024-2	S-1 (1.5')	125	96										
880-48024-3	S-1 (2.0')	123	96										
880-48024-4	S-1 (3.0')	122	95										
880-48024-5	S-1 (4.0')	123	95										
880-48024-6	S-2 (0-1.0")	121	95										
880-48024-7	S-2 (1.5')	124	95										
880-48024-8	S-2 (2.0')	126	96										
880-48024-9	S-2 (3.0')	125	95										
880-48024-10	S-2 (4.0')	127	97										
880-48024-11	S-2 (4.5')	125	95										
880-48024-12	S-3 (0-1.0")	125	94										
880-48024-13	S-3 (1.5')	125	95										
880-48024-14	S-3 (2.0')	128	94										
880-48024-15	S-3 (3.0')	121	94										
880-48024-16	S-3 (4.0')	126	94										
880-48024-17	S-4 (0-1.0")	126	95										
880-48024-18	S-4 (1.5')	129	94										
880-48024-19	S-4 (2.0')	129	96										
880-48024-20	S-4 (3.0')	129	93										
880-48024-21	S-4 (4.0')	80	90										
880-48024-21 MS	S-4 (4.0')	109	106										
880-48024-21 MSD	S-4 (4.0')	102	100										
880-48024-22	S-4 (5.0')	82	90										
880-48024-23	S-5 (0-1.0")	81	88										
880-48024-24	S-5 (1.5')	84	88										
880-48024-25	S-5 (2.0')	87	87										
880-48024-26	S-5 (3.0')	76	89										
880-48024-27	S-5 (4.0')	82	88										
880-48024-28	S-5 (5.0')	82	87										
880-48024-29	S-6 (0-1.0")	87	89										
880-48024-30	S-6 (1.5')	81	86										
880-48024-31	S-6 (2.0')	87	90										
880-48024-32	S-6 (3.0')	80	87										
880-48024-33	S-6 (4.0')	82	92										
880-48024-34	S-6 (5.0')	88	85										
880-48024-35	S-6 (6.0')	86	89										
880-48024-36	S-7 (0-1.0")	89	85										
880-48024-37	S-7 (1.5')	86	86										
880-48024-38	S-7 (2.0')	90	89										
880-48024-39	S-7 (3.0')	85	84										
880-48024-40	S-7 (4.0')	82	82										
880-48024-41	S-7 (5.0')	82	75										
880-48024-41 MS	S-7 (5.0')	107	114										
880-48024-41 MSD	S-7 (5.0')	94	109										
880-48024-42	S-7 (6.0)	87	78										
880-48024-43	S-8 (0-1.0")	80	94										

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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)								
880-48024-44	S-8 (1.5')	79	94								
880-48024-45	S-8 (2.0')	83	90								
880-48024-46	S-8 (3.0')	81	87								
880-48024-47	S-8 (4.0')	80	91								
880-48024-48	S-8 (5.0')	80	88								
880-48024-49	S-9 (0-1.0")	86	91								
880-48024-50	S-9 (1.5')	89	88								
880-48024-51	S-9 (2.0')	79	86								
880-48024-52	S-9 (3.0')	85	88								
880-48024-53	S-9 (4.0')	88	90								
880-48024-54	S-9 (5.0')	83	88								
880-48024-55	S-10 (0-1.0")	82	93								
880-48024-56	S-10 (1.5')	85	88								
880-48024-57	S-10 (2.0')	87	95								
880-48024-58	S-10 (3.0')	84	90								
880-48024-59	S-10 (4.0')	84	95								
880-48024-60	S-10 (5.0')	87	89								
880-48024-61	S-11 (0-1.0")	104	95								
880-48024-61 MS	S-11 (0-1.0")	99	98								
880-48024-61 MSD	S-11 (0-1.0")	96	103								
880-48024-62	S-11 (1.5')	106	96								
880-48024-63	S-11 (2.0')	105	97								
880-48024-64	S-11 (3.0')	110	94								
880-48024-65	S-11 (4.0')	108	98								
880-48024-66	S-11 (5.0')	110	97								
880-48024-67	S-12 (0-1.0")	116	94								
880-48024-68	S-12 (1.5')	107	99								
880-48024-69	S-12 (2.0')	110	97								
880-48024-70	S-12 (3.0')	109	97								
880-48024-71	S-12 (4.0')	105	96								
880-48024-72	S-12 (4.5')	111	94								
LCS 880-90047/1-A	Lab Control Sample	117	97								
LCS 880-90048/1-A	Lab Control Sample	97	105								
LCS 880-90050/1-A	Lab Control Sample	109	108								
LCS 880-90051/1-A	Lab Control Sample	95	99								
LCSD 880-90047/2-A	Lab Control Sample Dup	116	96								
LCSD 880-90048/2-A	Lab Control Sample Dup	104	102								
LCSD 880-90050/2-A	Lab Control Sample Dup	103	102								
LCSD 880-90051/2-A	Lab Control Sample Dup	95	99								
MB 880-89985/5-A	Method Blank	71	97								
MB 880-90047/5-A	Method Blank	116	91								
MB 880-90048/5-A	Method Blank	71	100								
MB 880-90050/5-A	Method Blank	68 S1-	97								
MB 880-90051/5-A	Method Blank	98	92								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
Job ID: 880-48024-1
Project/Site: NGL- Tie In
SDG: Lea County, New Mexico

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-48023-A-1-B MS	Matrix Spike	123	125								
880-48023-A-1-C MSD	Matrix Spike Duplicate	149 S1+	119								
880-48024-1	S-1 (0-1.0")	137 S1+	137 S1+								
880-48024-2	S-1 (1.5')	131 S1+	126								
880-48024-3	S-1 (2.0')	140 S1+	135 S1+								
880-48024-4	S-1 (3.0')	144 S1+	135 S1+								
880-48024-5	S-1 (4.0')	124	120								
880-48024-6	S-2 (0-1.0")	124	138 S1+								
880-48024-7	S-2 (1.5')	139 S1+	148 S1+								
880-48024-7 MS	S-2 (1.5')	140 S1+	157 S1+								
880-48024-7 MSD	S-2 (1.5')	138 S1+	154 S1+								
880-48024-8	S-2 (2.0')	137 S1+	148 S1+								
880-48024-9	S-2 (3.0')	159 S1+	172 S1+								
880-48024-10	S-2 (4.0')	140 S1+	152 S1+								
880-48024-11	S-2 (4.5')	146 S1+	156 S1+								
880-48024-12	S-3 (0-1.0")	137 S1+	146 S1+								
880-48024-13	S-3 (1.5')	150 S1+	161 S1+								
880-48024-14	S-3 (2.0')	133 S1+	142 S1+								
880-48024-15	S-3 (3.0')	146 S1+	154 S1+								
880-48024-16	S-3 (4.0')	147 S1+	156 S1+								
880-48024-17	S-4 (0-1.0")	143 S1+	150 S1+								
880-48024-18	S-4 (1.5')	134 S1+	135 S1+								
880-48024-19	S-4 (2.0')	148 S1+	154 S1+								
880-48024-20	S-4 (3.0')	136 S1+	144 S1+								
880-48024-21	S-4 (4.0')	141 S1+	152 S1+								
880-48024-22	S-4 (5.0')	151 S1+	165 S1+								
880-48024-23	S-5 (0-1.0")	145 S1+	155 S1+								
880-48024-24	S-5 (1.5')	143 S1+	149 S1+								
880-48024-25	S-5 (2.0')	134 S1+	143 S1+								
880-48024-26	S-5 (3.0')	133 S1+	141 S1+								
880-48024-27	S-5 (4.0')	144 S1+	159 S1+								
880-48024-27 MS	S-5 (4.0')	134 S1+	153 S1+								
880-48024-27 MSD	S-5 (4.0')	152 S1+	173 S1+								
880-48024-28	S-5 (5.0')	141 S1+	149 S1+								
880-48024-29	S-6 (0-1.0")	167 S1+	175 S1+								
880-48024-30	S-6 (1.5')	162 S1+	319 S1+								
880-48024-31	S-6 (2.0')	151 S1+	156 S1+								
880-48024-32	S-6 (3.0')	169 S1+	177 S1+								
880-48024-33	S-6 (4.0')	182 S1+	196 S1+								
880-48024-34	S-6 (5.0')	148 S1+	161 S1+								
880-48024-35	S-6 (6.0')	141 S1+	150 S1+								
880-48024-36	S-7 (0-1.0")	154 S1+	157 S1+								
880-48024-37	S-7 (1.5')	151 S1+	155 S1+								
880-48024-38	S-7 (2.0')	143 S1+	147 S1+								
880-48024-39	S-7 (3.0')	140 S1+	148 S1+								
880-48024-40	S-7 (4.0')	194 S1+	204 S1+								
880-48024-41	S-7 (5.0')	151 S1+	159 S1+								
880-48024-42	S-7 (6.0)	179 S1+	189 S1+								
880-48024-43	S-8 (0-1.0")	145 S1+	151 S1+								
880-48024-44	S-8 (1.5')	152 S1+	159 S1+								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-48024-1
Project/Site: NGL- Tie In
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)								
880-48024-45	S-8 (2.0')	139 S1+	145 S1+								
880-48024-46	S-8 (3.0')	142 S1+	153 S1+								
880-48024-47	S-8 (4.0')	96	85								
880-48024-47 MS	S-8 (4.0')	92	90								
880-48024-47 MSD	S-8 (4.0')	85	89								
880-48024-48	S-8 (5.0')	103	87								
880-48024-49	S-9 (0-1.0")	98	84								
880-48024-50	S-9 (1.5')	100	86								
880-48024-51	S-9 (2.0')	99	86								
880-48024-52	S-9 (3.0')	94	80								
880-48024-53	S-9 (4.0')	98	85								
880-48024-54	S-9 (5.0')	95	85								
880-48024-55	S-10 (0-1.0")	91	78								
880-48024-56	S-10 (1.5')	88	75								
880-48024-57	S-10 (2.0')	93	79								
880-48024-58	S-10 (3.0')	94	81								
880-48024-59	S-10 (4.0')	96	82								
880-48024-60	S-10 (5.0')	94	81								
880-48024-61	S-11 (0-1.0")	96	82								
880-48024-62	S-11 (1.5')	91	78								
880-48024-63	S-11 (2.0')	89	76								
880-48024-64	S-11 (3.0')	99	86								
880-48024-65	S-11 (4.0')	95	83								
880-48024-66	S-11 (5.0')	92	78								
880-48024-67	S-12 (0-1.0")	112	131 S1+								
880-48024-67 MS	S-12 (0-1.0")	109	106								
880-48024-67 MSD	S-12 (0-1.0")	134 S1+	133 S1+								
880-48024-68	S-12 (1.5')	145 S1+	164 S1+								
880-48024-69	S-12 (2.0')	118	134 S1+								
880-48024-70	S-12 (3.0')	117	133 S1+								
880-48024-71	S-12 (4.0')	144 S1+	149 S1+								
880-48024-71 MS	S-12 (4.0')	123	120								
880-48024-71 MSD	S-12 (4.0')	121	120								
880-48024-72	S-12 (4.5')	122	133 S1+								
LCS 880-90030/2-A	Lab Control Sample	139 S1+	113								
LCS 880-90032/2-A	Lab Control Sample	139 S1+	155 S1+								
LCS 880-90033/2-A	Lab Control Sample	125	139 S1+								
LCS 880-90035/2-A	Lab Control Sample	147 S1+	118								
LCS 880-90037/2-A	Lab Control Sample	105	109								
LCS 880-90116/2-A	Lab Control Sample	116	123								
LCSD 880-90030/3-A	Lab Control Sample Dup	109	111								
LCSD 880-90032/3-A	Lab Control Sample Dup	118	133 S1+								
LCSD 880-90033/3-A	Lab Control Sample Dup	121	135 S1+								
LCSD 880-90035/3-A	Lab Control Sample Dup	110	111								
LCSD 880-90037/3-A	Lab Control Sample Dup	100	104								
LCSD 880-90116/3-A	Lab Control Sample Dup	92	96								
MB 880-90030/1-A	Method Blank	131 S1+	118								
MB 880-90032/1-A	Method Blank	95	97								
MB 880-90033/1-A	Method Blank	93	96								
MB 880-90035/1-A	Method Blank	97	88								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-48024-1
Project/Site: NGL- Tie In
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)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
MB 880-90037/1-A	Method Blank	199 S1+	235 S1+								
MB 880-90116/1-A	Method Blank	210 S1+	245 S1+								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-89985/5-A
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/24 15:44	09/04/24 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*09/03/24 15:44*	*09/04/24 12:08*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/03/24 15:44*	*09/04/24 12:08*	*1*

Lab Sample ID: MB 880-90047/5-A
Matrix: Solid
Analysis Batch: 90118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90047

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 10:56	09/05/24 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:09*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:09*	*1*

Lab Sample ID: LCS 880-90047/1-A
Matrix: Solid
Analysis Batch: 90118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90047

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09331		mg/Kg		93	70 - 130
Toluene	0.100	0.09035		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09099		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1841		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09244		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-90047/2-A
Matrix: Solid
Analysis Batch: 90118

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90047

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1039		mg/Kg		104	70 - 130	11	35

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-90047/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90118 — **Prep Batch: 90047**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1008		mg/Kg		101	70 - 130	11	35
Ethylbenzene			0.100	0.1024		mg/Kg		102	70 - 130	12	35
m-Xylene & p-Xylene			0.200	0.2057		mg/Kg		103	70 - 130	11	35
o-Xylene			0.100	0.1021		mg/Kg		102	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-48024-1 MS — **Client Sample ID: S-1 (0-1.0")**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90118 — **Prep Batch: 90047**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.1054		mg/Kg		106	70 - 130
Toluene	<0.00200	U	0.0996	0.09952		mg/Kg		100	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.09671		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1902		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.0996	0.09562		mg/Kg		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-48024-1 MSD — **Client Sample ID: S-1 (0-1.0")**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90118 — **Prep Batch: 90047**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1066		mg/Kg		108	70 - 130	1	35
Toluene	<0.00200	U	0.0990	0.09937		mg/Kg		100	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0990	0.09483		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1868		mg/Kg		94	70 - 130	2	35
o-Xylene	<0.00200	U	0.0990	0.09421		mg/Kg		95	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-90048/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90028 — **Prep Batch: 90048**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 22:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 22:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 11:00	09/04/24 22:48	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90048/5-A
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90048

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 22:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 11:00	09/04/24 22:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*09/04/24 11:00*	*09/04/24 22:48*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/04/24 11:00*	*09/04/24 22:48*	*1*

Lab Sample ID: LCS 880-90048/1-A
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90048

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09810		mg/Kg		98	70 - 130		
Toluene			0.100	0.08871		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.1029		mg/Kg		103	70 - 130		
m-Xylene & p-Xylene			0.200	0.1981		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09777		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-90048/2-A
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90048

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1057		mg/Kg		106	70 - 130	7	35
Toluene			0.100	0.1071		mg/Kg		107	70 - 130	19	35
Ethylbenzene			0.100	0.1183		mg/Kg		118	70 - 130	14	35
m-Xylene & p-Xylene			0.200	0.2303		mg/Kg		115	70 - 130	15	35
o-Xylene			0.100	0.1134		mg/Kg		113	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-48024-21 MS
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: S-4 (4.0')
Prep Type: Total/NA
Prep Batch: 90048

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.1092		mg/Kg		110	70 - 130		
Toluene	<0.00200	U	0.0996	0.1067		mg/Kg		107	70 - 130		
Ethylbenzene	<0.00200	U	0.0996	0.1218		mg/Kg		122	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.199	0.2364		mg/Kg		119	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.1155		mg/Kg		116	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-21 MS
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: S-4 (4.0')
Prep Type: Total/NA
Prep Batch: 90048

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-48024-21 MSD
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: S-4 (4.0')
Prep Type: Total/NA
Prep Batch: 90048

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1060		mg/Kg		107	70 - 130	3	35
Toluene	<0.00200	U	0.0990	0.1066		mg/Kg		108	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0990	0.1175		mg/Kg		119	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2261		mg/Kg		114	70 - 130	4	35
o-Xylene	<0.00200	U	0.0990	0.1102		mg/Kg		111	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-90050/5-A
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 11:03	09/05/24 12:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130	09/04/24 11:03	09/05/24 12:11	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/04/24 11:03	09/05/24 12:11	1

Lab Sample ID: LCS 880-90050/1-A
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1176		mg/Kg		118	70 - 130
Toluene	0.100	0.1056		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1312	*+	mg/Kg		131	70 - 130
m-Xylene & p-Xylene	0.200	0.2610	*+	mg/Kg		131	70 - 130
o-Xylene	0.100	0.1269		mg/Kg		127	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-90050/1-A
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90050

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-90050/2-A
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90050

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1187		mg/Kg		119	70 - 130	1	35
Toluene			0.100	0.1161		mg/Kg		116	70 - 130	9	35
Ethylbenzene			0.100	0.1292		mg/Kg		129	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2554		mg/Kg		128	70 - 130	2	35
o-Xylene			0.100	0.1249		mg/Kg		125	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-48024-41 MS
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: S-7 (5.0')
Prep Type: Total/NA
Prep Batch: 90050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.1005		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.0996	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U *+	0.0996	0.1083		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	<0.00401	U *+	0.199	0.2115		mg/Kg		106	70 - 130
o-Xylene	<0.00200	U	0.0996	0.1047		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: 880-48024-41 MSD
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: S-7 (5.0')
Prep Type: Total/NA
Prep Batch: 90050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.07654		mg/Kg		77	70 - 130	27	35
Toluene	<0.00200	U	0.0990	0.08717		mg/Kg		88	70 - 130	15	35
Ethylbenzene	<0.00200	U *+	0.0990	0.09334		mg/Kg		94	70 - 130	15	35
m-Xylene & p-Xylene	<0.00401	U *+	0.198	0.1752		mg/Kg		88	70 - 130	19	35
o-Xylene	<0.00200	U	0.0990	0.08786		mg/Kg		89	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90051/5-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90051

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 11:11	09/05/24 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*09/04/24 11:11*	*09/05/24 11:58*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/04/24 11:11*	*09/05/24 11:58*	*1*

Lab Sample ID: LCS 880-90051/1-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90051

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08287		mg/Kg		83	70 - 130		
Toluene			0.100	0.07344		mg/Kg		73	70 - 130		
Ethylbenzene			0.100	0.07934		mg/Kg		79	70 - 130		
m-Xylene & p-Xylene			0.200	0.1597		mg/Kg		80	70 - 130		
o-Xylene			0.100	0.08168		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-90051/2-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90051

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08668		mg/Kg		87	70 - 130	4	35
Toluene			0.100	0.07701		mg/Kg		77	70 - 130	5	35
Ethylbenzene			0.100	0.08378		mg/Kg		84	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1681		mg/Kg		84	70 - 130	5	35
o-Xylene			0.100	0.08523		mg/Kg		85	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-48024-61 MS
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: S-11 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.09371		mg/Kg		94	70 - 130		
Toluene	<0.00200	U	0.0996	0.08159		mg/Kg		82	70 - 130		

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-61 MS
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: S-11 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.08682		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1713		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.0996	0.08692		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-48024-61 MSD
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: S-11 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09903		mg/Kg		100	70 - 130	6	35
Toluene	<0.00200	U	0.0990	0.08506		mg/Kg		86	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0990	0.09009		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1771		mg/Kg		89	70 - 130	3	35
o-Xylene	<0.00200	U	0.0990	0.08983		mg/Kg		91	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MB 880-90030/1-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90030

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		09/04/24 09:11	09/05/24 06:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 06:41*	*1*
o-Terphenyl	*118*		*70 - 130*	*09/04/24 09:11*	*09/05/24 06:41*	*1*

Lab Sample ID: LCS 880-90030/2-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1159		mg/Kg		116	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-90030/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90113 — **Prep Batch: 90030**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics (Over C10-C28)			1000	985.1		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*113*		*70 - 130*

Lab Sample ID: LCSD 880-90030/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90113 — **Prep Batch: 90030**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1174		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1060		mg/Kg		106	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: 880-48023-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90113 — **Prep Batch: 90030**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	1092		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	998	1077		mg/Kg		108	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*123*		*70 - 130*
o-Terphenyl	*125*		*70 - 130*

Lab Sample ID: 880-48023-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90113 — **Prep Batch: 90030**

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	<49.7	U	998	1106		mg/Kg		111	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	998	1005		mg/Kg		101	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*149*	*S1+*	*70 - 130*
o-Terphenyl	*119*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90032/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90114 — **Prep Batch: 90032**

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		09/04/24 09:15	09/05/24 06:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 06:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 06:57	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 06:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/04/24 09:15*	*09/05/24 06:57*	*1*
o-Terphenyl	*97*		*70 - 130*	*09/04/24 09:15*	*09/05/24 06:57*	*1*

Lab Sample ID: LCS 880-90032/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90114 — **Prep Batch: 90032**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1154		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1204		mg/Kg		120	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*155*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-90032/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90114 — **Prep Batch: 90032**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	971.9		mg/Kg		97	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	1011		mg/Kg		101	70 - 130	17	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*118*		*70 - 130*
o-Terphenyl	*133*	*S1+*	*70 - 130*

Lab Sample ID: 880-48024-7 MS — **Client Sample ID: S-2 (1.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90114 — **Prep Batch: 90032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1217		mg/Kg		122	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1294		mg/Kg		126	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-7 MS
Matrix: Solid
Analysis Batch: 90114

Client Sample ID: S-2 (1.5')
Prep Type: Total/NA
Prep Batch: 90032

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	140	S1+	70 - 130
o-Terphenyl	157	S1+	70 - 130

Lab Sample ID: 880-48024-7 MSD
Matrix: Solid
Analysis Batch: 90114

Client Sample ID: S-2 (1.5')
Prep Type: Total/NA
Prep Batch: 90032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1218		mg/Kg		122	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1261		mg/Kg		122	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	138	S1+	70 - 130
o-Terphenyl	154	S1+	70 - 130

Lab Sample ID: MB 880-90033/1-A
Matrix: Solid
Analysis Batch: 90177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90033

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		09/04/24 09:22	09/06/24 11:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 11:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 11:05	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 11:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	09/04/24 09:22	09/06/24 11:05	1
o-Terphenyl	96		70 - 130	09/04/24 09:22	09/06/24 11:05	1

Lab Sample ID: LCS 880-90033/2-A
Matrix: Solid
Analysis Batch: 90177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90033

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1024		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1063		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	139	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-90033/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90177 — **Prep Batch: 90033**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	992.5		mg/Kg		99	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1009		mg/Kg		101	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*121*		*70 - 130*
o-Terphenyl	*135*	*S1+*	*70 - 130*

Lab Sample ID: 880-48024-27 MS — **Client Sample ID: S-5 (4.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90177 — **Prep Batch: 90033**

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 F1	999	1152		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1179		mg/Kg		118	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*134*	*S1+*	*70 - 130*
o-Terphenyl	*153*	*S1+*	*70 - 130*

Lab Sample ID: 880-48024-27 MSD — **Client Sample ID: S-5 (4.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90177 — **Prep Batch: 90033**

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 F1	999	1332	F1	mg/Kg		133	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1281		mg/Kg		128	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*152*	*S1+*	*70 - 130*
o-Terphenyl	*173*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-90035/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90175 — **Prep Batch: 90035**

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		09/04/24 09:28	09/07/24 00:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:10	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:10	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90035/1-A
Matrix: Solid
Analysis Batch: 90175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90035

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	09/04/24 09:28	09/07/24 00:10	1
o-Terphenyl	88		70 - 130	09/04/24 09:28	09/07/24 00:10	1

Lab Sample ID: LCS 880-90035/2-A
Matrix: Solid
Analysis Batch: 90175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90035

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1235		mg/Kg		123	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1063		mg/Kg		106	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	147	S1+	70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-90035/3-A
Matrix: Solid
Analysis Batch: 90175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90035

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1194		mg/Kg		119	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1070		mg/Kg		107	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-48024-47 MS
Matrix: Solid
Analysis Batch: 90175

Client Sample ID: S-8 (4.0')
Prep Type: Total/NA
Prep Batch: 90035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1155		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1017		mg/Kg		102	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	90		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-47 MSD — **Client Sample ID: S-8 (4.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90175 — **Prep Batch: 90035**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1159		mg/Kg		116	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1039		mg/Kg		104	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Lab Sample ID: MB 880-90037/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90107 — **Prep Batch: 90037**

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		09/04/24 08:00	09/05/24 08:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 08:00	09/05/24 08:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 08:00	09/05/24 08:50	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 08:00	09/05/24 08:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*199*	*S1+*	*70 - 130*	*09/04/24 08:00*	*09/05/24 08:50*	*1*
o-Terphenyl	*235*	*S1+*	*70 - 130*	*09/04/24 08:00*	*09/05/24 08:50*	*1*

Lab Sample ID: LCS 880-90037/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90107 — **Prep Batch: 90037**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1202		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1032		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Lab Sample ID: LCSD 880-90037/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90107 — **Prep Batch: 90037**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	880.2	*1	mg/Kg		88	70 - 130	31	20
Diesel Range Organics (Over C10-C28)			1000	1117		mg/Kg		112	70 - 130	8	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-90037/3-A
Matrix: Solid
Analysis Batch: 90107

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90037

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-48024-67 MS
Matrix: Solid
Analysis Batch: 90107

Client Sample ID: S-12 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90037

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 F2 *1	999	1014		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	999	1129		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 880-48024-67 MSD
Matrix: Solid
Analysis Batch: 90107

Client Sample ID: S-12 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90037

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 F2 *1	999	1247	F2	mg/Kg		122	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	999	1461	F1 F2	mg/Kg		142	70 - 130	26	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: MB 880-90116/1-A
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90116

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		09/05/24 08:00	09/05/24 08:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/05/24 08:00	09/05/24 08:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/05/24 08:00	09/05/24 08:50	1
Total TPH	<50.0	U	50.0		mg/Kg		09/05/24 08:00	09/05/24 08:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	210	S1+	70 - 130	09/05/24 08:00	09/05/24 08:50	1
o-Terphenyl	245	S1+	70 - 130	09/05/24 08:00	09/05/24 08:50	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-90116/2-A
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90116

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1046		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1072		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*116*		*70 - 130*
o-Terphenyl	*123*		*70 - 130*

Lab Sample ID: LCSD 880-90116/3-A
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90116

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	857.4		mg/Kg		86	70 - 130	20	20
Diesel Range Organics (Over C10-C28)			1000	834.1	*1	mg/Kg		83	70 - 130	25	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: 880-48024-71 MS
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: S-12 (4.0')
Prep Type: Total/NA
Prep Batch: 90116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1092		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *1	1000	1130		mg/Kg		110	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*123*		*70 - 130*
o-Terphenyl	*120*		*70 - 130*

Lab Sample ID: 880-48024-71 MSD
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: S-12 (4.0')
Prep Type: Total/NA
Prep Batch: 90116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1073		mg/Kg		107	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	1000	1115		mg/Kg		109	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*121*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-71 MSD
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: S-12 (4.0')
Prep Type: Total/NA
Prep Batch: 90116

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	120		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-90039/1-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 18:52	1

Lab Sample ID: LCS 880-90039/2-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	247.3		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-90039/3-A
Matrix: Solid
Analysis Batch: 90057

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	247.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-48024-5 MS
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: S-1 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5940	F1	2510	9705	F1	mg/Kg		150	90 - 110		

Lab Sample ID: 880-48024-5 MSD
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: S-1 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5940	F1	2510	9713	F1	mg/Kg		150	90 - 110	0	20

Lab Sample ID: MB 880-90040/1-A
Matrix: Solid
Analysis Batch: 90083

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 10:43	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-90040/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90083

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.9		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-90040/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90083

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-48024-15 MS — **Client Sample ID: S-3 (3.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90083

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4540	F1	2520	7827	F1	mg/Kg		131	90 - 110		

Lab Sample ID: 880-48024-15 MSD — **Client Sample ID: S-3 (3.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90083

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4540	F1	2520	7837	F1	mg/Kg		131	90 - 110	0	20

Lab Sample ID: 880-48024-25 MS — **Client Sample ID: S-5 (2.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90083

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1790	F1	1250	3361	F1	mg/Kg		126	90 - 110		

Lab Sample ID: 880-48024-25 MSD — **Client Sample ID: S-5 (2.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90083

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1790	F1	1250	3364	F1	mg/Kg		127	90 - 110	0	20

Lab Sample ID: MB 880-90041/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 17:40	1

Lab Sample ID: LCS 880-90041/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90090

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.7		mg/Kg		98	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-90041/3-A
Matrix: Solid
Analysis Batch: 90090

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	246.5		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-48024-35 MS
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: S-6 (6.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2670	F1	1260	4586	F1	mg/Kg		153	90 - 110		

Lab Sample ID: 880-48024-35 MSD
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: S-6 (6.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2670	F1	1260	4571	F1	mg/Kg		152	90 - 110	0	20

Lab Sample ID: 880-48024-45 MS
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: S-8 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1200	F1	1250	2913	F1	mg/Kg		137	90 - 110		

Lab Sample ID: 880-48024-45 MSD
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: S-8 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1200	F1	1250	2918	F1	mg/Kg		138	90 - 110	0	20

Lab Sample ID: MB 880-90042/1-A
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/07/24 05:47	1

Lab Sample ID: LCS 880-90042/2-A
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	254.5		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-90042/3-A
Matrix: Solid
Analysis Batch: 90110

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

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

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-48024-55 MS
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: S-10 (0-1.0")
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2200	F1	1240	3876	F1	mg/Kg		135	90 - 110		

Lab Sample ID: 880-48024-55 MSD
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: S-10 (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	2200	F1	1240	3879	F1	mg/Kg		136	90 - 110	0	20

Lab Sample ID: 880-48024-65 MS
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: S-11 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5430	F1	2490	8426	F1	mg/Kg		120	90 - 110		

Lab Sample ID: 880-48024-65 MSD
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: S-11 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5430	F1	2490	8420	F1	mg/Kg		120	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 89985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-89985/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 90028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-21	S-4 (4.0')	Total/NA	Solid	8021B	90048
880-48024-22	S-4 (5.0')	Total/NA	Solid	8021B	90048
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	8021B	90048
880-48024-24	S-5 (1.5')	Total/NA	Solid	8021B	90048
880-48024-25	S-5 (2.0')	Total/NA	Solid	8021B	90048
880-48024-26	S-5 (3.0')	Total/NA	Solid	8021B	90048
880-48024-27	S-5 (4.0')	Total/NA	Solid	8021B	90048
880-48024-28	S-5 (5.0')	Total/NA	Solid	8021B	90048
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	8021B	90048
880-48024-30	S-6 (1.5')	Total/NA	Solid	8021B	90048
880-48024-31	S-6 (2.0')	Total/NA	Solid	8021B	90048
880-48024-32	S-6 (3.0')	Total/NA	Solid	8021B	90048
880-48024-33	S-6 (4.0')	Total/NA	Solid	8021B	90048
880-48024-34	S-6 (5.0')	Total/NA	Solid	8021B	90048
880-48024-35	S-6 (6.0')	Total/NA	Solid	8021B	90048
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	8021B	90048
880-48024-37	S-7 (1.5')	Total/NA	Solid	8021B	90048
880-48024-38	S-7 (2.0')	Total/NA	Solid	8021B	90048
880-48024-39	S-7 (3.0')	Total/NA	Solid	8021B	90048
880-48024-40	S-7 (4.0')	Total/NA	Solid	8021B	90048
MB 880-89985/5-A	Method Blank	Total/NA	Solid	8021B	89985
MB 880-90048/5-A	Method Blank	Total/NA	Solid	8021B	90048
LCS 880-90048/1-A	Lab Control Sample	Total/NA	Solid	8021B	90048
LCSD 880-90048/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90048
880-48024-21 MS	S-4 (4.0')	Total/NA	Solid	8021B	90048
880-48024-21 MSD	S-4 (4.0')	Total/NA	Solid	8021B	90048

Prep Batch: 90047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	5035	
880-48024-2	S-1 (1.5')	Total/NA	Solid	5035	
880-48024-3	S-1 (2.0')	Total/NA	Solid	5035	
880-48024-4	S-1 (3.0')	Total/NA	Solid	5035	
880-48024-5	S-1 (4.0')	Total/NA	Solid	5035	
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	5035	
880-48024-7	S-2 (1.5')	Total/NA	Solid	5035	
880-48024-8	S-2 (2.0')	Total/NA	Solid	5035	
880-48024-9	S-2 (3.0')	Total/NA	Solid	5035	
880-48024-10	S-2 (4.0')	Total/NA	Solid	5035	
880-48024-11	S-2 (4.5')	Total/NA	Solid	5035	
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	5035	
880-48024-13	S-3 (1.5')	Total/NA	Solid	5035	
880-48024-14	S-3 (2.0')	Total/NA	Solid	5035	
880-48024-15	S-3 (3.0')	Total/NA	Solid	5035	
880-48024-16	S-3 (4.0')	Total/NA	Solid	5035	
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	5035	
880-48024-18	S-4 (1.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 90047 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-19	S-4 (2.0')	Total/NA	Solid	5035	
880-48024-20	S-4 (3.0')	Total/NA	Solid	5035	
MB 880-90047/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90047/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90047/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-1 MS	S-1 (0-1.0")	Total/NA	Solid	5035	
880-48024-1 MSD	S-1 (0-1.0")	Total/NA	Solid	5035	

Prep Batch: 90048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-21	S-4 (4.0')	Total/NA	Solid	5035	
880-48024-22	S-4 (5.0')	Total/NA	Solid	5035	
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	5035	
880-48024-24	S-5 (1.5')	Total/NA	Solid	5035	
880-48024-25	S-5 (2.0')	Total/NA	Solid	5035	
880-48024-26	S-5 (3.0')	Total/NA	Solid	5035	
880-48024-27	S-5 (4.0')	Total/NA	Solid	5035	
880-48024-28	S-5 (5.0')	Total/NA	Solid	5035	
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	5035	
880-48024-30	S-6 (1.5')	Total/NA	Solid	5035	
880-48024-31	S-6 (2.0')	Total/NA	Solid	5035	
880-48024-32	S-6 (3.0')	Total/NA	Solid	5035	
880-48024-33	S-6 (4.0')	Total/NA	Solid	5035	
880-48024-34	S-6 (5.0')	Total/NA	Solid	5035	
880-48024-35	S-6 (6.0')	Total/NA	Solid	5035	
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	5035	
880-48024-37	S-7 (1.5')	Total/NA	Solid	5035	
880-48024-38	S-7 (2.0')	Total/NA	Solid	5035	
880-48024-39	S-7 (3.0')	Total/NA	Solid	5035	
880-48024-40	S-7 (4.0')	Total/NA	Solid	5035	
MB 880-90048/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90048/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90048/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-21 MS	S-4 (4.0')	Total/NA	Solid	5035	
880-48024-21 MSD	S-4 (4.0')	Total/NA	Solid	5035	

Prep Batch: 90050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-41	S-7 (5.0')	Total/NA	Solid	5035	
880-48024-42	S-7 (6.0)	Total/NA	Solid	5035	
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	5035	
880-48024-44	S-8 (1.5')	Total/NA	Solid	5035	
880-48024-45	S-8 (2.0')	Total/NA	Solid	5035	
880-48024-46	S-8 (3.0')	Total/NA	Solid	5035	
880-48024-47	S-8 (4.0')	Total/NA	Solid	5035	
880-48024-48	S-8 (5.0')	Total/NA	Solid	5035	
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	5035	
880-48024-50	S-9 (1.5')	Total/NA	Solid	5035	
880-48024-51	S-9 (2.0')	Total/NA	Solid	5035	
880-48024-52	S-9 (3.0')	Total/NA	Solid	5035	
880-48024-53	S-9 (4.0')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 90050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-54	S-9 (5.0')	Total/NA	Solid	5035	
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	5035	
880-48024-56	S-10 (1.5')	Total/NA	Solid	5035	
880-48024-57	S-10 (2.0')	Total/NA	Solid	5035	
880-48024-58	S-10 (3.0')	Total/NA	Solid	5035	
880-48024-59	S-10 (4.0')	Total/NA	Solid	5035	
880-48024-60	S-10 (5.0')	Total/NA	Solid	5035	
MB 880-90050/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90050/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90050/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-41 MS	S-7 (5.0')	Total/NA	Solid	5035	
880-48024-41 MSD	S-7 (5.0')	Total/NA	Solid	5035	

Prep Batch: 90051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	5035	
880-48024-62	S-11 (1.5')	Total/NA	Solid	5035	
880-48024-63	S-11 (2.0')	Total/NA	Solid	5035	
880-48024-64	S-11 (3.0')	Total/NA	Solid	5035	
880-48024-65	S-11 (4.0')	Total/NA	Solid	5035	
880-48024-66	S-11 (5.0')	Total/NA	Solid	5035	
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	5035	
880-48024-68	S-12 (1.5')	Total/NA	Solid	5035	
880-48024-69	S-12 (2.0')	Total/NA	Solid	5035	
880-48024-70	S-12 (3.0')	Total/NA	Solid	5035	
880-48024-71	S-12 (4.0')	Total/NA	Solid	5035	
880-48024-72	S-12 (4.5')	Total/NA	Solid	5035	
MB 880-90051/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90051/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90051/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-61 MS	S-11 (0-1.0")	Total/NA	Solid	5035	
880-48024-61 MSD	S-11 (0-1.0")	Total/NA	Solid	5035	

Analysis Batch: 90117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	8021B	90051
880-48024-62	S-11 (1.5')	Total/NA	Solid	8021B	90051
880-48024-63	S-11 (2.0')	Total/NA	Solid	8021B	90051
880-48024-64	S-11 (3.0')	Total/NA	Solid	8021B	90051
880-48024-65	S-11 (4.0')	Total/NA	Solid	8021B	90051
880-48024-66	S-11 (5.0')	Total/NA	Solid	8021B	90051
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	8021B	90051
880-48024-68	S-12 (1.5')	Total/NA	Solid	8021B	90051
880-48024-69	S-12 (2.0')	Total/NA	Solid	8021B	90051
880-48024-70	S-12 (3.0')	Total/NA	Solid	8021B	90051
880-48024-71	S-12 (4.0')	Total/NA	Solid	8021B	90051
880-48024-72	S-12 (4.5')	Total/NA	Solid	8021B	90051
MB 880-90051/5-A	Method Blank	Total/NA	Solid	8021B	90051
LCS 880-90051/1-A	Lab Control Sample	Total/NA	Solid	8021B	90051
LCSD 880-90051/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90051
880-48024-61 MS	S-11 (0-1.0")	Total/NA	Solid	8021B	90051

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 90117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-61 MSD	S-11 (0-1.0")	Total/NA	Solid	8021B	90051

Analysis Batch: 90118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-2	S-1 (1.5')	Total/NA	Solid	8021B	90047
880-48024-3	S-1 (2.0')	Total/NA	Solid	8021B	90047
880-48024-4	S-1 (3.0')	Total/NA	Solid	8021B	90047
880-48024-5	S-1 (4.0')	Total/NA	Solid	8021B	90047
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-7	S-2 (1.5')	Total/NA	Solid	8021B	90047
880-48024-8	S-2 (2.0')	Total/NA	Solid	8021B	90047
880-48024-9	S-2 (3.0')	Total/NA	Solid	8021B	90047
880-48024-10	S-2 (4.0')	Total/NA	Solid	8021B	90047
880-48024-11	S-2 (4.5')	Total/NA	Solid	8021B	90047
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-13	S-3 (1.5')	Total/NA	Solid	8021B	90047
880-48024-14	S-3 (2.0')	Total/NA	Solid	8021B	90047
880-48024-15	S-3 (3.0')	Total/NA	Solid	8021B	90047
880-48024-16	S-3 (4.0')	Total/NA	Solid	8021B	90047
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-18	S-4 (1.5')	Total/NA	Solid	8021B	90047
880-48024-19	S-4 (2.0')	Total/NA	Solid	8021B	90047
880-48024-20	S-4 (3.0')	Total/NA	Solid	8021B	90047
MB 880-90047/5-A	Method Blank	Total/NA	Solid	8021B	90047
LCS 880-90047/1-A	Lab Control Sample	Total/NA	Solid	8021B	90047
LCSD 880-90047/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90047
880-48024-1 MS	S-1 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-1 MSD	S-1 (0-1.0")	Total/NA	Solid	8021B	90047

Analysis Batch: 90120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-41	S-7 (5.0')	Total/NA	Solid	8021B	90050
880-48024-42	S-7 (6.0)	Total/NA	Solid	8021B	90050
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	8021B	90050
880-48024-44	S-8 (1.5')	Total/NA	Solid	8021B	90050
880-48024-45	S-8 (2.0')	Total/NA	Solid	8021B	90050
880-48024-46	S-8 (3.0')	Total/NA	Solid	8021B	90050
880-48024-47	S-8 (4.0')	Total/NA	Solid	8021B	90050
880-48024-48	S-8 (5.0')	Total/NA	Solid	8021B	90050
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	8021B	90050
880-48024-50	S-9 (1.5')	Total/NA	Solid	8021B	90050
880-48024-51	S-9 (2.0')	Total/NA	Solid	8021B	90050
880-48024-52	S-9 (3.0')	Total/NA	Solid	8021B	90050
880-48024-53	S-9 (4.0')	Total/NA	Solid	8021B	90050
880-48024-54	S-9 (5.0')	Total/NA	Solid	8021B	90050
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	8021B	90050
880-48024-56	S-10 (1.5')	Total/NA	Solid	8021B	90050
880-48024-57	S-10 (2.0')	Total/NA	Solid	8021B	90050
880-48024-58	S-10 (3.0')	Total/NA	Solid	8021B	90050
880-48024-59	S-10 (4.0')	Total/NA	Solid	8021B	90050

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 90120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-60	S-10 (5.0')	Total/NA	Solid	8021B	90050
MB 880-90050/5-A	Method Blank	Total/NA	Solid	8021B	90050
LCS 880-90050/1-A	Lab Control Sample	Total/NA	Solid	8021B	90050
LCSD 880-90050/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90050
880-48024-41 MS	S-7 (5.0')	Total/NA	Solid	8021B	90050
880-48024-41 MSD	S-7 (5.0')	Total/NA	Solid	8021B	90050

Analysis Batch: 90142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-3	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-4	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-5	S-1 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-7	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-8	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-9	S-2 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-10	S-2 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-11	S-2 (4.5')	Total/NA	Solid	Total BTEX	
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-13	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-14	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-15	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-16	S-3 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-18	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-19	S-4 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-20	S-4 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-21	S-4 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-22	S-4 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-24	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-25	S-5 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-26	S-5 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-27	S-5 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-28	S-5 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-30	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-31	S-6 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-32	S-6 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-33	S-6 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-34	S-6 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-35	S-6 (6.0')	Total/NA	Solid	Total BTEX	
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-37	S-7 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-38	S-7 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-39	S-7 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-40	S-7 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-41	S-7 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-42	S-7 (6.0)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 90142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-44	S-8 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-45	S-8 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-46	S-8 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-47	S-8 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-48	S-8 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-50	S-9 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-51	S-9 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-52	S-9 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-53	S-9 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-54	S-9 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-56	S-10 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-57	S-10 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-58	S-10 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-59	S-10 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-60	S-10 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-62	S-11 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-63	S-11 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-64	S-11 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-65	S-11 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-66	S-11 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-68	S-12 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-69	S-12 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-70	S-12 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-71	S-12 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-72	S-12 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 90030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-3	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-4	S-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-5	S-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	8015NM Prep	
MB 880-90030/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90030/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48023-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-48023-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 90032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-7	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-8	S-2 (2.0')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 90032 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-9	S-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-10	S-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-11	S-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-13	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-14	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-15	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-16	S-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-18	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-19	S-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-20	S-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-21	S-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-22	S-4 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-24	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-25	S-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-26	S-5 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-90032/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90032/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-7 MS	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-7 MSD	S-2 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 90033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-27	S-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-28	S-5 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-30	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-31	S-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-32	S-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-33	S-6 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-34	S-6 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-35	S-6 (6.0')	Total/NA	Solid	8015NM Prep	
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-37	S-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-38	S-7 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-39	S-7 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-40	S-7 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-41	S-7 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-42	S-7 (6.0)	Total/NA	Solid	8015NM Prep	
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-44	S-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-45	S-8 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-46	S-8 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-90033/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90033/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90033/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-27 MS	S-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-27 MSD	S-5 (4.0')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 90035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-47	S-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-48	S-8 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-50	S-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-51	S-9 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-52	S-9 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-53	S-9 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-54	S-9 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-56	S-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-57	S-10 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-58	S-10 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-59	S-10 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-60	S-10 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-62	S-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-63	S-11 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-64	S-11 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-65	S-11 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-66	S-11 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-90035/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90035/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90035/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-47 MS	S-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-47 MSD	S-8 (4.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 90037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-68	S-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-69	S-12 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-70	S-12 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-90037/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90037/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90037/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-67 MS	S-12 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-67 MSD	S-12 (0-1.0")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	8015B NM	90037
880-48024-68	S-12 (1.5')	Total/NA	Solid	8015B NM	90037
880-48024-69	S-12 (2.0')	Total/NA	Solid	8015B NM	90037
880-48024-70	S-12 (3.0')	Total/NA	Solid	8015B NM	90037
MB 880-90037/1-A	Method Blank	Total/NA	Solid	8015B NM	90037
LCS 880-90037/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90037
LCSD 880-90037/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90037
880-48024-67 MS	S-12 (0-1.0")	Total/NA	Solid	8015B NM	90037
880-48024-67 MSD	S-12 (0-1.0")	Total/NA	Solid	8015B NM	90037

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 90109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-71	S-12 (4.0')	Total/NA	Solid	8015B NM	90116
880-48024-72	S-12 (4.5')	Total/NA	Solid	8015B NM	90116
MB 880-90116/1-A	Method Blank	Total/NA	Solid	8015B NM	90116
LCS 880-90116/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90116
LCSD 880-90116/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90116
880-48024-71 MS	S-12 (4.0')	Total/NA	Solid	8015B NM	90116
880-48024-71 MSD	S-12 (4.0')	Total/NA	Solid	8015B NM	90116

Analysis Batch: 90113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	8015B NM	90030
880-48024-2	S-1 (1.5')	Total/NA	Solid	8015B NM	90030
880-48024-3	S-1 (2.0')	Total/NA	Solid	8015B NM	90030
880-48024-4	S-1 (3.0')	Total/NA	Solid	8015B NM	90030
880-48024-5	S-1 (4.0')	Total/NA	Solid	8015B NM	90030
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	8015B NM	90030
MB 880-90030/1-A	Method Blank	Total/NA	Solid	8015B NM	90030
LCS 880-90030/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90030
LCSD 880-90030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90030
880-48023-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	90030
880-48023-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	90030

Analysis Batch: 90114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-7	S-2 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-8	S-2 (2.0')	Total/NA	Solid	8015B NM	90032
880-48024-9	S-2 (3.0')	Total/NA	Solid	8015B NM	90032
880-48024-10	S-2 (4.0')	Total/NA	Solid	8015B NM	90032
880-48024-11	S-2 (4.5')	Total/NA	Solid	8015B NM	90032
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	8015B NM	90032
880-48024-13	S-3 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-14	S-3 (2.0')	Total/NA	Solid	8015B NM	90032
880-48024-15	S-3 (3.0')	Total/NA	Solid	8015B NM	90032
880-48024-16	S-3 (4.0')	Total/NA	Solid	8015B NM	90032
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	8015B NM	90032
880-48024-18	S-4 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-19	S-4 (2.0')	Total/NA	Solid	8015B NM	90032
880-48024-20	S-4 (3.0')	Total/NA	Solid	8015B NM	90032
880-48024-21	S-4 (4.0')	Total/NA	Solid	8015B NM	90032
880-48024-22	S-4 (5.0')	Total/NA	Solid	8015B NM	90032
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	8015B NM	90032
880-48024-24	S-5 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-25	S-5 (2.0')	Total/NA	Solid	8015B NM	90032
880-48024-26	S-5 (3.0')	Total/NA	Solid	8015B NM	90032
MB 880-90032/1-A	Method Blank	Total/NA	Solid	8015B NM	90032
LCS 880-90032/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90032
LCSD 880-90032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90032
880-48024-7 MS	S-2 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-7 MSD	S-2 (1.5')	Total/NA	Solid	8015B NM	90032

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 90116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-71	S-12 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-72	S-12 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-90116/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90116/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90116/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-71 MS	S-12 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-71 MSD	S-12 (4.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-48024-3	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-48024-4	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-48024-5	S-1 (4.0')	Total/NA	Solid	8015 NM	
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-7	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-48024-8	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-48024-9	S-2 (3.0')	Total/NA	Solid	8015 NM	
880-48024-10	S-2 (4.0')	Total/NA	Solid	8015 NM	
880-48024-11	S-2 (4.5')	Total/NA	Solid	8015 NM	
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-13	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-48024-14	S-3 (2.0')	Total/NA	Solid	8015 NM	
880-48024-15	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-48024-16	S-3 (4.0')	Total/NA	Solid	8015 NM	
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-18	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-48024-19	S-4 (2.0')	Total/NA	Solid	8015 NM	
880-48024-20	S-4 (3.0')	Total/NA	Solid	8015 NM	
880-48024-21	S-4 (4.0')	Total/NA	Solid	8015 NM	
880-48024-22	S-4 (5.0')	Total/NA	Solid	8015 NM	
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-24	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-48024-25	S-5 (2.0')	Total/NA	Solid	8015 NM	
880-48024-26	S-5 (3.0')	Total/NA	Solid	8015 NM	
880-48024-27	S-5 (4.0')	Total/NA	Solid	8015 NM	
880-48024-28	S-5 (5.0')	Total/NA	Solid	8015 NM	
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-30	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-48024-31	S-6 (2.0')	Total/NA	Solid	8015 NM	
880-48024-32	S-6 (3.0')	Total/NA	Solid	8015 NM	
880-48024-33	S-6 (4.0')	Total/NA	Solid	8015 NM	
880-48024-34	S-6 (5.0')	Total/NA	Solid	8015 NM	
880-48024-35	S-6 (6.0')	Total/NA	Solid	8015 NM	
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-37	S-7 (1.5')	Total/NA	Solid	8015 NM	
880-48024-38	S-7 (2.0')	Total/NA	Solid	8015 NM	
880-48024-39	S-7 (3.0')	Total/NA	Solid	8015 NM	
880-48024-40	S-7 (4.0')	Total/NA	Solid	8015 NM	
880-48024-41	S-7 (5.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 90155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-42	S-7 (6.0)	Total/NA	Solid	8015 NM	
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-44	S-8 (1.5')	Total/NA	Solid	8015 NM	
880-48024-45	S-8 (2.0')	Total/NA	Solid	8015 NM	
880-48024-46	S-8 (3.0')	Total/NA	Solid	8015 NM	
880-48024-47	S-8 (4.0')	Total/NA	Solid	8015 NM	
880-48024-48	S-8 (5.0')	Total/NA	Solid	8015 NM	
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-50	S-9 (1.5')	Total/NA	Solid	8015 NM	
880-48024-51	S-9 (2.0')	Total/NA	Solid	8015 NM	
880-48024-52	S-9 (3.0')	Total/NA	Solid	8015 NM	
880-48024-53	S-9 (4.0')	Total/NA	Solid	8015 NM	
880-48024-54	S-9 (5.0')	Total/NA	Solid	8015 NM	
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-56	S-10 (1.5')	Total/NA	Solid	8015 NM	
880-48024-57	S-10 (2.0')	Total/NA	Solid	8015 NM	
880-48024-58	S-10 (3.0')	Total/NA	Solid	8015 NM	
880-48024-59	S-10 (4.0')	Total/NA	Solid	8015 NM	
880-48024-60	S-10 (5.0')	Total/NA	Solid	8015 NM	
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-62	S-11 (1.5')	Total/NA	Solid	8015 NM	
880-48024-63	S-11 (2.0')	Total/NA	Solid	8015 NM	
880-48024-64	S-11 (3.0')	Total/NA	Solid	8015 NM	
880-48024-65	S-11 (4.0')	Total/NA	Solid	8015 NM	
880-48024-66	S-11 (5.0')	Total/NA	Solid	8015 NM	
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-68	S-12 (1.5')	Total/NA	Solid	8015 NM	
880-48024-69	S-12 (2.0')	Total/NA	Solid	8015 NM	
880-48024-70	S-12 (3.0')	Total/NA	Solid	8015 NM	
880-48024-71	S-12 (4.0')	Total/NA	Solid	8015 NM	
880-48024-72	S-12 (4.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 90175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-47	S-8 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-48	S-8 (5.0')	Total/NA	Solid	8015B NM	90035
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	8015B NM	90035
880-48024-50	S-9 (1.5')	Total/NA	Solid	8015B NM	90035
880-48024-51	S-9 (2.0')	Total/NA	Solid	8015B NM	90035
880-48024-52	S-9 (3.0')	Total/NA	Solid	8015B NM	90035
880-48024-53	S-9 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-54	S-9 (5.0')	Total/NA	Solid	8015B NM	90035
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	8015B NM	90035
880-48024-56	S-10 (1.5')	Total/NA	Solid	8015B NM	90035
880-48024-57	S-10 (2.0')	Total/NA	Solid	8015B NM	90035
880-48024-58	S-10 (3.0')	Total/NA	Solid	8015B NM	90035
880-48024-59	S-10 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-60	S-10 (5.0')	Total/NA	Solid	8015B NM	90035
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	8015B NM	90035
880-48024-62	S-11 (1.5')	Total/NA	Solid	8015B NM	90035
880-48024-63	S-11 (2.0')	Total/NA	Solid	8015B NM	90035

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 90175 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-64	S-11 (3.0')	Total/NA	Solid	8015B NM	90035
880-48024-65	S-11 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-66	S-11 (5.0')	Total/NA	Solid	8015B NM	90035
MB 880-90035/1-A	Method Blank	Total/NA	Solid	8015B NM	90035
LCS 880-90035/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90035
LCSD 880-90035/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90035
880-48024-47 MS	S-8 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-47 MSD	S-8 (4.0')	Total/NA	Solid	8015B NM	90035

Analysis Batch: 90177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-27	S-5 (4.0')	Total/NA	Solid	8015B NM	90033
880-48024-28	S-5 (5.0')	Total/NA	Solid	8015B NM	90033
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	8015B NM	90033
880-48024-30	S-6 (1.5')	Total/NA	Solid	8015B NM	90033
880-48024-31	S-6 (2.0')	Total/NA	Solid	8015B NM	90033
880-48024-32	S-6 (3.0')	Total/NA	Solid	8015B NM	90033
880-48024-33	S-6 (4.0')	Total/NA	Solid	8015B NM	90033
880-48024-34	S-6 (5.0')	Total/NA	Solid	8015B NM	90033
880-48024-35	S-6 (6.0')	Total/NA	Solid	8015B NM	90033
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	8015B NM	90033
880-48024-37	S-7 (1.5')	Total/NA	Solid	8015B NM	90033
880-48024-38	S-7 (2.0')	Total/NA	Solid	8015B NM	90033
880-48024-39	S-7 (3.0')	Total/NA	Solid	8015B NM	90033
880-48024-40	S-7 (4.0')	Total/NA	Solid	8015B NM	90033
880-48024-41	S-7 (5.0')	Total/NA	Solid	8015B NM	90033
880-48024-42	S-7 (6.0)	Total/NA	Solid	8015B NM	90033
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	8015B NM	90033
880-48024-44	S-8 (1.5')	Total/NA	Solid	8015B NM	90033
880-48024-45	S-8 (2.0')	Total/NA	Solid	8015B NM	90033
880-48024-46	S-8 (3.0')	Total/NA	Solid	8015B NM	90033
MB 880-90033/1-A	Method Blank	Total/NA	Solid	8015B NM	90033
LCS 880-90033/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90033
LCSD 880-90033/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90033
880-48024-27 MS	S-5 (4.0')	Total/NA	Solid	8015B NM	90033
880-48024-27 MSD	S-5 (4.0')	Total/NA	Solid	8015B NM	90033

HPLC/IC

Leach Batch: 90039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-48024-3	S-1 (2.0')	Soluble	Solid	DI Leach	
880-48024-4	S-1 (3.0')	Soluble	Solid	DI Leach	
880-48024-5	S-1 (4.0')	Soluble	Solid	DI Leach	
880-48024-6	S-2 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-7	S-2 (1.5')	Soluble	Solid	DI Leach	
880-48024-8	S-2 (2.0')	Soluble	Solid	DI Leach	
880-48024-9	S-2 (3.0')	Soluble	Solid	DI Leach	
880-48024-10	S-2 (4.0')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 90039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-11	S-2 (4.5')	Soluble	Solid	DI Leach	
880-48024-12	S-3 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-13	S-3 (1.5')	Soluble	Solid	DI Leach	
880-48024-14	S-3 (2.0')	Soluble	Solid	DI Leach	
MB 880-90039/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90039/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90039/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48024-5 MS	S-1 (4.0')	Soluble	Solid	DI Leach	
880-48024-5 MSD	S-1 (4.0')	Soluble	Solid	DI Leach	

Leach Batch: 90040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-15	S-3 (3.0')	Soluble	Solid	DI Leach	
880-48024-16	S-3 (4.0')	Soluble	Solid	DI Leach	
880-48024-17	S-4 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-18	S-4 (1.5')	Soluble	Solid	DI Leach	
880-48024-19	S-4 (2.0')	Soluble	Solid	DI Leach	
880-48024-20	S-4 (3.0')	Soluble	Solid	DI Leach	
880-48024-21	S-4 (4.0')	Soluble	Solid	DI Leach	
880-48024-22	S-4 (5.0')	Soluble	Solid	DI Leach	
880-48024-23	S-5 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-24	S-5 (1.5')	Soluble	Solid	DI Leach	
880-48024-25	S-5 (2.0')	Soluble	Solid	DI Leach	
880-48024-26	S-5 (3.0')	Soluble	Solid	DI Leach	
880-48024-27	S-5 (4.0')	Soluble	Solid	DI Leach	
880-48024-28	S-5 (5.0')	Soluble	Solid	DI Leach	
880-48024-29	S-6 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-30	S-6 (1.5')	Soluble	Solid	DI Leach	
880-48024-31	S-6 (2.0')	Soluble	Solid	DI Leach	
880-48024-32	S-6 (3.0')	Soluble	Solid	DI Leach	
880-48024-33	S-6 (4.0')	Soluble	Solid	DI Leach	
880-48024-34	S-6 (5.0')	Soluble	Solid	DI Leach	
MB 880-90040/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90040/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90040/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48024-15 MS	S-3 (3.0')	Soluble	Solid	DI Leach	
880-48024-15 MSD	S-3 (3.0')	Soluble	Solid	DI Leach	
880-48024-25 MS	S-5 (2.0')	Soluble	Solid	DI Leach	
880-48024-25 MSD	S-5 (2.0')	Soluble	Solid	DI Leach	

Leach Batch: 90041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-35	S-6 (6.0')	Soluble	Solid	DI Leach	
880-48024-36	S-7 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-37	S-7 (1.5')	Soluble	Solid	DI Leach	
880-48024-38	S-7 (2.0')	Soluble	Solid	DI Leach	
880-48024-39	S-7 (3.0')	Soluble	Solid	DI Leach	
880-48024-40	S-7 (4.0')	Soluble	Solid	DI Leach	
880-48024-41	S-7 (5.0')	Soluble	Solid	DI Leach	
880-48024-42	S-7 (6.0)	Soluble	Solid	DI Leach	
880-48024-43	S-8 (0-1.0")	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 90041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-44	S-8 (1.5')	Soluble	Solid	DI Leach	
880-48024-45	S-8 (2.0')	Soluble	Solid	DI Leach	
880-48024-46	S-8 (3.0')	Soluble	Solid	DI Leach	
880-48024-47	S-8 (4.0')	Soluble	Solid	DI Leach	
880-48024-48	S-8 (5.0')	Soluble	Solid	DI Leach	
880-48024-49	S-9 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-50	S-9 (1.5')	Soluble	Solid	DI Leach	
880-48024-51	S-9 (2.0')	Soluble	Solid	DI Leach	
880-48024-52	S-9 (3.0')	Soluble	Solid	DI Leach	
880-48024-53	S-9 (4.0')	Soluble	Solid	DI Leach	
880-48024-54	S-9 (5.0')	Soluble	Solid	DI Leach	
MB 880-90041/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90041/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90041/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48024-35 MS	S-6 (6.0')	Soluble	Solid	DI Leach	
880-48024-35 MSD	S-6 (6.0')	Soluble	Solid	DI Leach	
880-48024-45 MS	S-8 (2.0')	Soluble	Solid	DI Leach	
880-48024-45 MSD	S-8 (2.0')	Soluble	Solid	DI Leach	

Leach Batch: 90042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-55	S-10 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-56	S-10 (1.5')	Soluble	Solid	DI Leach	
880-48024-57	S-10 (2.0')	Soluble	Solid	DI Leach	
880-48024-58	S-10 (3.0')	Soluble	Solid	DI Leach	
880-48024-59	S-10 (4.0')	Soluble	Solid	DI Leach	
880-48024-60	S-10 (5.0')	Soluble	Solid	DI Leach	
880-48024-61	S-11 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-62	S-11 (1.5')	Soluble	Solid	DI Leach	
880-48024-63	S-11 (2.0')	Soluble	Solid	DI Leach	
880-48024-64	S-11 (3.0')	Soluble	Solid	DI Leach	
880-48024-65	S-11 (4.0')	Soluble	Solid	DI Leach	
880-48024-66	S-11 (5.0')	Soluble	Solid	DI Leach	
880-48024-67	S-12 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-68	S-12 (1.5')	Soluble	Solid	DI Leach	
880-48024-69	S-12 (2.0')	Soluble	Solid	DI Leach	
880-48024-70	S-12 (3.0')	Soluble	Solid	DI Leach	
880-48024-71	S-12 (4.0')	Soluble	Solid	DI Leach	
880-48024-72	S-12 (4.5')	Soluble	Solid	DI Leach	
MB 880-90042/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90042/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90042/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48024-55 MS	S-10 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-55 MSD	S-10 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-65 MS	S-11 (4.0')	Soluble	Solid	DI Leach	
880-48024-65 MSD	S-11 (4.0')	Soluble	Solid	DI Leach	

Analysis Batch: 90057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Soluble	Solid	300.0	90039
880-48024-2	S-1 (1.5')	Soluble	Solid	300.0	90039

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 90057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-3	S-1 (2.0')	Soluble	Solid	300.0	90039
880-48024-4	S-1 (3.0')	Soluble	Solid	300.0	90039
880-48024-5	S-1 (4.0')	Soluble	Solid	300.0	90039
880-48024-6	S-2 (0-1.0")	Soluble	Solid	300.0	90039
880-48024-7	S-2 (1.5')	Soluble	Solid	300.0	90039
880-48024-8	S-2 (2.0')	Soluble	Solid	300.0	90039
880-48024-9	S-2 (3.0')	Soluble	Solid	300.0	90039
880-48024-10	S-2 (4.0')	Soluble	Solid	300.0	90039
880-48024-11	S-2 (4.5')	Soluble	Solid	300.0	90039
880-48024-12	S-3 (0-1.0")	Soluble	Solid	300.0	90039
880-48024-13	S-3 (1.5')	Soluble	Solid	300.0	90039
880-48024-14	S-3 (2.0')	Soluble	Solid	300.0	90039
MB 880-90039/1-A	Method Blank	Soluble	Solid	300.0	90039
LCS 880-90039/2-A	Lab Control Sample	Soluble	Solid	300.0	90039
LCSD 880-90039/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90039
880-48024-5 MS	S-1 (4.0')	Soluble	Solid	300.0	90039
880-48024-5 MSD	S-1 (4.0')	Soluble	Solid	300.0	90039

Analysis Batch: 90083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-15	S-3 (3.0')	Soluble	Solid	300.0	90040
880-48024-16	S-3 (4.0')	Soluble	Solid	300.0	90040
880-48024-17	S-4 (0-1.0")	Soluble	Solid	300.0	90040
880-48024-18	S-4 (1.5')	Soluble	Solid	300.0	90040
880-48024-19	S-4 (2.0')	Soluble	Solid	300.0	90040
880-48024-20	S-4 (3.0')	Soluble	Solid	300.0	90040
880-48024-21	S-4 (4.0')	Soluble	Solid	300.0	90040
880-48024-22	S-4 (5.0')	Soluble	Solid	300.0	90040
880-48024-23	S-5 (0-1.0")	Soluble	Solid	300.0	90040
880-48024-24	S-5 (1.5')	Soluble	Solid	300.0	90040
880-48024-25	S-5 (2.0')	Soluble	Solid	300.0	90040
880-48024-26	S-5 (3.0')	Soluble	Solid	300.0	90040
880-48024-27	S-5 (4.0')	Soluble	Solid	300.0	90040
880-48024-28	S-5 (5.0')	Soluble	Solid	300.0	90040
880-48024-29	S-6 (0-1.0")	Soluble	Solid	300.0	90040
880-48024-30	S-6 (1.5')	Soluble	Solid	300.0	90040
880-48024-31	S-6 (2.0')	Soluble	Solid	300.0	90040
880-48024-32	S-6 (3.0')	Soluble	Solid	300.0	90040
880-48024-33	S-6 (4.0')	Soluble	Solid	300.0	90040
880-48024-34	S-6 (5.0')	Soluble	Solid	300.0	90040
MB 880-90040/1-A	Method Blank	Soluble	Solid	300.0	90040
LCS 880-90040/2-A	Lab Control Sample	Soluble	Solid	300.0	90040
LCSD 880-90040/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90040
880-48024-15 MS	S-3 (3.0')	Soluble	Solid	300.0	90040
880-48024-15 MSD	S-3 (3.0')	Soluble	Solid	300.0	90040
880-48024-25 MS	S-5 (2.0')	Soluble	Solid	300.0	90040
880-48024-25 MSD	S-5 (2.0')	Soluble	Solid	300.0	90040

Analysis Batch: 90090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-35	S-6 (6.0')	Soluble	Solid	300.0	90041

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 90090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-36	S-7 (0-1.0")	Soluble	Solid	300.0	90041
880-48024-37	S-7 (1.5')	Soluble	Solid	300.0	90041
880-48024-38	S-7 (2.0')	Soluble	Solid	300.0	90041
880-48024-39	S-7 (3.0')	Soluble	Solid	300.0	90041
880-48024-40	S-7 (4.0')	Soluble	Solid	300.0	90041
880-48024-41	S-7 (5.0')	Soluble	Solid	300.0	90041
880-48024-42	S-7 (6.0)	Soluble	Solid	300.0	90041
880-48024-43	S-8 (0-1.0")	Soluble	Solid	300.0	90041
880-48024-44	S-8 (1.5')	Soluble	Solid	300.0	90041
880-48024-45	S-8 (2.0')	Soluble	Solid	300.0	90041
880-48024-46	S-8 (3.0')	Soluble	Solid	300.0	90041
880-48024-47	S-8 (4.0')	Soluble	Solid	300.0	90041
880-48024-48	S-8 (5.0')	Soluble	Solid	300.0	90041
880-48024-49	S-9 (0-1.0")	Soluble	Solid	300.0	90041
880-48024-50	S-9 (1.5')	Soluble	Solid	300.0	90041
880-48024-51	S-9 (2.0')	Soluble	Solid	300.0	90041
880-48024-52	S-9 (3.0')	Soluble	Solid	300.0	90041
880-48024-53	S-9 (4.0')	Soluble	Solid	300.0	90041
880-48024-54	S-9 (5.0')	Soluble	Solid	300.0	90041
MB 880-90041/1-A	Method Blank	Soluble	Solid	300.0	90041
LCS 880-90041/2-A	Lab Control Sample	Soluble	Solid	300.0	90041
LCSD 880-90041/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90041
880-48024-35 MS	S-6 (6.0')	Soluble	Solid	300.0	90041
880-48024-35 MSD	S-6 (6.0')	Soluble	Solid	300.0	90041
880-48024-45 MS	S-8 (2.0')	Soluble	Solid	300.0	90041
880-48024-45 MSD	S-8 (2.0')	Soluble	Solid	300.0	90041

Analysis Batch: 90110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-55	S-10 (0-1.0")	Soluble	Solid	300.0	90042
880-48024-56	S-10 (1.5')	Soluble	Solid	300.0	90042
880-48024-57	S-10 (2.0')	Soluble	Solid	300.0	90042
880-48024-58	S-10 (3.0')	Soluble	Solid	300.0	90042
880-48024-59	S-10 (4.0')	Soluble	Solid	300.0	90042
880-48024-60	S-10 (5.0')	Soluble	Solid	300.0	90042
880-48024-61	S-11 (0-1.0")	Soluble	Solid	300.0	90042
880-48024-62	S-11 (1.5')	Soluble	Solid	300.0	90042
880-48024-63	S-11 (2.0')	Soluble	Solid	300.0	90042
880-48024-64	S-11 (3.0')	Soluble	Solid	300.0	90042
880-48024-65	S-11 (4.0')	Soluble	Solid	300.0	90042
880-48024-66	S-11 (5.0')	Soluble	Solid	300.0	90042
880-48024-67	S-12 (0-1.0")	Soluble	Solid	300.0	90042
880-48024-68	S-12 (1.5')	Soluble	Solid	300.0	90042
880-48024-69	S-12 (2.0')	Soluble	Solid	300.0	90042
880-48024-70	S-12 (3.0')	Soluble	Solid	300.0	90042
880-48024-71	S-12 (4.0')	Soluble	Solid	300.0	90042
880-48024-72	S-12 (4.5')	Soluble	Solid	300.0	90042
MB 880-90042/1-A	Method Blank	Soluble	Solid	300.0	90042
LCS 880-90042/2-A	Lab Control Sample	Soluble	Solid	300.0	90042
LCSD 880-90042/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90042
880-48024-55 MS	S-10 (0-1.0")	Soluble	Solid	300.0	90042

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 90110 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-55 MSD	S-10 (0-1.0")	Soluble	Solid	300.0	90042
880-48024-65 MS	S-11 (4.0')	Soluble	Solid	300.0	90042
880-48024-65 MSD	S-11 (4.0')	Soluble	Solid	300.0	90042

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-1.0")

Lab Sample ID: 880-48024-1
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 12:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 14:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 20:38	CH	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-48024-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 14:29	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 20:46	CH	EET MID

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-48024-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 14:45	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 20:55	CH	EET MID

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-48024-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:32	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-48024-4
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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			90155	09/05/24 15:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 15:01	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 21:03	CH	EET MID

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-48024-5
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 15:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 15:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 21:11	CH	EET MID

Client Sample ID: S-2 (0-1.0")

Lab Sample ID: 880-48024-6
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 15:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 21:36	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-48024-7
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 09:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 09:39	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-48024-7
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 21:44	CH	EET MID

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-48024-8
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 10:27	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 22:08	CH	EET MID

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-48024-9
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 10:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 10:44	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 22:16	CH	EET MID

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-48024-10
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 15:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 11:00	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 22:25	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-48024-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 11:16	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 22:33	CH	EET MID

Client Sample ID: S-3 (0-1.0")

Lab Sample ID: 880-48024-12
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 11:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 22:41	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-48024-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 11:48	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 22:49	CH	EET MID

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-48024-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-48024-14

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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			90155	09/05/24 12:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 12:04	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 22:57	CH	EET MID

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-48024-15

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 12:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 14:31	CH	EET MID

Client Sample ID: S-3 (4.0')

Lab Sample ID: 880-48024-16

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 12:36	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 14:56	CH	EET MID

Client Sample ID: S-4 (0-1.0")

Lab Sample ID: 880-48024-17

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 13:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 13:08	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-1.0")

Lab Sample ID: 880-48024-17
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	90083	09/06/24 15:04	CH	EET MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-48024-18
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 13:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 15:12	CH	EET MID

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-48024-19
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 13:41	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 15:20	CH	EET MID

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-48024-20
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 20:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 20:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 13:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 13:57	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 15:44	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-48024-21
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/04/24 23:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/04/24 23:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 14:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 15:53	CH	EET MID

Client Sample ID: S-4 (5.0')

Lab Sample ID: 880-48024-22
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/04/24 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/04/24 23:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 14:29	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 16:01	CH	EET MID

Client Sample ID: S-5 (0-1.0")

Lab Sample ID: 880-48024-23
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/04/24 23:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/04/24 23:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 14:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 16:09	CH	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-48024-24
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 00:12	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-48024-24
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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			90155	09/05/24 15:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 15:01	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 16:17	CH	EET MID

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-48024-25
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 00:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 15:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 15:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 16:25	CH	EET MID

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-48024-26
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 00:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 15:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 16:50	CH	EET MID

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-48024-27
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 01:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 01:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 13:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 13:26	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (4.0')
Lab Sample ID: 880-48024-27

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 16:58	CH	EET MID

Client Sample ID: S-5 (5.0')
Lab Sample ID: 880-48024-28

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 01:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 14:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 14:14	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90083	09/06/24 17:22	CH	EET MID

Client Sample ID: S-6 (0-1.0")
Lab Sample ID: 880-48024-29

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 01:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 01:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 14:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 14:30	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 17:30	CH	EET MID

Client Sample ID: S-6 (1.5')
Lab Sample ID: 880-48024-30

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 02:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 02:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 17:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 17:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 17:39	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (2.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-31
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			5.04 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 03:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 17:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 17:28	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 17:47	CH	EET MID

Client Sample ID: S-6 (3.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-32
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			4.99 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 04:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 17:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 17:44	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 17:55	CH	EET MID

Client Sample ID: S-6 (4.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-33
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			4.98 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 04:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 04:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 18:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 18:00	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 18:03	CH	EET MID

Client Sample ID: S-6 (5.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-34
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			4.97 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 04:41	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (5.0')

Lab Sample ID: 880-48024-34
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/06/24 18:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 18:16	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 18:11	CH	EET MID

Client Sample ID: S-6 (6.0')

Lab Sample ID: 880-48024-35
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 05:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 05:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 18:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 18:32	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:06	CH	EET MID

Client Sample ID: S-7 (0-1.0")

Lab Sample ID: 880-48024-36
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 05:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 05:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 18:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 18:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:33	CH	EET MID

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-48024-37
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 05:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 05:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 19:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 19:20	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-48024-37
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:42	CH	EET MID

Client Sample ID: S-7 (2.0')

Lab Sample ID: 880-48024-38
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 06:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 06:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 19:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 19:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:51	CH	EET MID

Client Sample ID: S-7 (3.0')

Lab Sample ID: 880-48024-39
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 06:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 06:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 19:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 19:53	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:59	CH	EET MID

Client Sample ID: S-7 (4.0')

Lab Sample ID: 880-48024-40
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 06:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 06:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 20:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 20:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 02:23	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (5.0')

Lab Sample ID: 880-48024-41
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 12:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 20:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 20:25	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90090	09/07/24 02:32	CH	EET MID

Client Sample ID: S-7 (6.0)

Lab Sample ID: 880-48024-42
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 20:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 20:41	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90090	09/07/24 02:41	CH	EET MID

Client Sample ID: S-8 (0-1.0")

Lab Sample ID: 880-48024-43
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 13:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 20:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 20:57	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 02:50	CH	EET MID

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-48024-44
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:35	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-48024-44
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/06/24 21:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 21:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 02:59	CH	EET MID

Client Sample ID: S-8 (2.0')

Lab Sample ID: 880-48024-45
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 13:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 21:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 21:29	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 03:08	CH	EET MID

Client Sample ID: S-8 (3.0')

Lab Sample ID: 880-48024-46
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 21:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 21:46	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 03:34	CH	EET MID

Client Sample ID: S-8 (4.0')

Lab Sample ID: 880-48024-47
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 00:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 00:58	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (4.0')
Lab Sample ID: 880-48024-47
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90090	09/07/24 03:43	CH	EET MID

Client Sample ID: S-8 (5.0')
Lab Sample ID: 880-48024-48
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 14:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 01:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 01:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90090	09/07/24 04:10	CH	EET MID

Client Sample ID: S-9 (0-1.0")
Lab Sample ID: 880-48024-49
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 15:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 02:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 02:00	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:19	CH	EET MID

Client Sample ID: S-9 (1.5')
Lab Sample ID: 880-48024-50
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 15:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 02:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 02:16	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:28	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (2.0')

Lab Sample ID: 880-48024-51
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 17:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 02:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 02:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:36	CH	EET MID

Client Sample ID: S-9 (3.0')

Lab Sample ID: 880-48024-52
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 17:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 02:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 02:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:45	CH	EET MID

Client Sample ID: S-9 (4.0')

Lab Sample ID: 880-48024-53
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 17:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 03:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 03:04	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:54	CH	EET MID

Client Sample ID: S-9 (5.0')

Lab Sample ID: 880-48024-54
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 18:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:05	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (5.0')

Lab Sample ID: 880-48024-54
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/07/24 03:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 03:20	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 05:03	CH	EET MID

Client Sample ID: S-10 (0-1.0")

Lab Sample ID: 880-48024-55
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 18:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 03:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 03:36	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 06:14	CH	EET MID

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-48024-56
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 18:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 03:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 03:52	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 06:41	CH	EET MID

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-48024-57
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 19:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 04:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 04:25	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-48024-57
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 06:49	CH	EET MID

Client Sample ID: S-10 (3.0')

Lab Sample ID: 880-48024-58
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 19:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 04:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 04:40	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 06:58	CH	EET MID

Client Sample ID: S-10 (4.0')

Lab Sample ID: 880-48024-59
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 19:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 04:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 04:57	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 07:07	CH	EET MID

Client Sample ID: S-10 (5.0')

Lab Sample ID: 880-48024-60
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 20:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 20:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 05:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 05:13	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90110	09/07/24 07:34	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (0-1.0")
Lab Sample ID: 880-48024-61

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 12:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 05:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 05:29	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 07:43	CH	EET MID

Client Sample ID: S-11 (1.5')
Lab Sample ID: 880-48024-62

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 05:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 05:44	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 07:51	CH	EET MID

Client Sample ID: S-11 (2.0')
Lab Sample ID: 880-48024-63

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 13:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 06:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 06:00	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 08:00	CH	EET MID

Client Sample ID: S-11 (3.0')
Lab Sample ID: 880-48024-64

Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 13:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (3.0')

Lab Sample ID: 880-48024-64
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/07/24 06:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 06:16	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90110	09/07/24 08:09	CH	EET MID

Client Sample ID: S-11 (4.0')

Lab Sample ID: 880-48024-65
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 06:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 06:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90110	09/07/24 08:18	CH	EET MID

Client Sample ID: S-11 (5.0')

Lab Sample ID: 880-48024-66
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 14:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 06:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 06:47	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 08:45	CH	EET MID

Client Sample ID: S-12 (0-1.0")

Lab Sample ID: 880-48024-67
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90037	09/04/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90107	09/05/24 11:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (0-1.0")

Lab Sample ID: 880-48024-67
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	90110	09/07/24 08:54	CH	EET MID

Client Sample ID: S-12 (1.5')

Lab Sample ID: 880-48024-68
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90037	09/04/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90107	09/05/24 12:02	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 09:20	CH	EET MID

Client Sample ID: S-12 (2.0')

Lab Sample ID: 880-48024-69
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90037	09/04/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90107	09/05/24 12:21	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 09:29	CH	EET MID

Client Sample ID: S-12 (3.0')

Lab Sample ID: 880-48024-70
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 15:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90037	09/04/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90107	09/05/24 12:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90110	09/07/24 09:38	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (4.0')

Lab Sample ID: 880-48024-71
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 16:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 16:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90116	09/05/24 08:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90109	09/05/24 11:04	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90110	09/07/24 09:47	CH	EET MID

Client Sample ID: S-12 (4.5')

Lab Sample ID: 880-48024-72
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90116	09/05/24 08:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90109	09/05/24 12:02	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90110	09/07/24 09:56	CH	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: NGL- Tie In

Job ID: 880-48024-1
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	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
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: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48024-1	S-1 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-2	S-1 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-3	S-1 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-4	S-1 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-5	S-1 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-6	S-2 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-7	S-2 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-8	S-2 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-9	S-2 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-10	S-2 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-11	S-2 (4.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-12	S-3 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-13	S-3 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-14	S-3 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-15	S-3 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-16	S-3 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-17	S-4 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-18	S-4 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-19	S-4 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-20	S-4 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-21	S-4 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-22	S-4 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-23	S-5 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-24	S-5 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-25	S-5 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-26	S-5 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-27	S-5 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-28	S-5 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-29	S-6 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-30	S-6 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-31	S-6 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-32	S-6 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-33	S-6 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-34	S-6 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-35	S-6 (6.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-36	S-7 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-37	S-7 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-38	S-7 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-39	S-7 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-40	S-7 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-41	S-7 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-42	S-7 (6.0)	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-43	S-8 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-44	S-8 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-45	S-8 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-46	S-8 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-47	S-8 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-48	S-8 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-49	S-9 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-50	S-9 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-51	S-9 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-52	S-9 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-53	S-9 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-54	S-9 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05

Sample Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48024-55	S-10 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-56	S-10 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-57	S-10 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-58	S-10 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-59	S-10 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-60	S-10 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-61	S-11 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-62	S-11 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-63	S-11 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-64	S-11 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-65	S-11 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-66	S-11 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-67	S-12 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-68	S-12 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-69	S-12 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-70	S-12 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-71	S-12 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-72	S-12 (4.5')	Solid	08/30/24 00:00	09/03/24 15:05

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Chain of Custody

880-48024 Chain of Custody

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Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@nglep.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:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.10
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.9
Total Containers:		Corrected Temperature:	-6.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-1 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-1 (1.5')	8/30/2024		X		G	1		x	x	x	
S-1 (2.0')	8/30/2024		X		G	1		x	x	x	
S-1 (3.0')	8/30/2024		X		G	1		x	x	x	
S-1 (4.0')	8/30/2024		X		G	1		x	x	x	
S-2 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-2 (1.5')	8/30/2024		X		G	1		x	x	x	
S-2 (2.0')	8/30/2024		X		G	1		x	x	x	
S-2 (3.0')	8/30/2024		X		G	1		x	x	x	
S-2 (4.0')	8/30/2024		X		G	1		x	x	x	

Comments:

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	9/3/24 1505		

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Chain of Custody

Work Order No: 480424

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Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@nglep.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:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-2 (4.5')	8/30/2024		X		G	1		x	x	x	
S-3 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-3 (1.5')	8/30/2024		X		G	1		x	x	x	
S-3 (2.0')	8/30/2024		X		G	1		x	x	x	
S-3 (3.0')	8/30/2024		X		G	1		x	x	x	
S-3 (4.0')	8/30/2024		X		G	1		x	x	x	
S-4 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-4 (1.5')	8/30/2024		X		G	1		x	x	x	
S-4 (2.0')	8/30/2024		X		G	1		x	x	x	
S-4 (3.0')	8/30/2024		X		G	1		x	x	x	

ANALYSIS REQUEST

Parameters

Comments:

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Chain of Custody

Work Order No: 48024

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Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@nglep.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:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-4 (4.0')	8/30/2024		X		G	1		x	x	x	
S-4 (5.0')	8/30/2024		X		G	1		x	x	x	
S-5 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-5 (1.5')	8/30/2024		X		G	1		x	x	x	
S-5 (2.0')	8/30/2024		X		G	1		x	x	x	
S-5 (3.0')	8/30/2024		X		G	1		x	x	x	
S-5 (4.0')	8/30/2024		X		G	1		x	x	x	
S-5 (5.0')	8/30/2024		X		G	1		x	x	x	
S-6 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-6 (1.5')	8/30/2024		X		G	1		x	x	x	

Comments:

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Chain of Custody

Work Order No: 48024

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Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823 Email:	Joseph.Vargo@nglep.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-6 (2.0')	8/30/2024		X		G	1		x	x	x	
S-6 (3.0')	8/30/2024		X		G	1		x	x	x	
S-6 (4.0')	8/30/2024		X		G	1		x	x	x	
S-6 (5.0')	8/30/2024		X		G	1		x	x	x	
S-6 (6.0')	8/30/2024		X		G	1		x	x	x	
S-7 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-7 (1.5')	8/30/2024		X		G	1		x	x	x	
S-7 (2.0')	8/30/2024		X		G	1		x	x	x	
S-7 (3.0')	8/30/2024		X		G	1		x	x	x	
S-7 (4.0')	8/30/2024		X		G	1		x	x	x	

Comments:

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Work Order No: 48024

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Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@nglep.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine	☐ Rush
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-7 (5.0')	8/30/2024		X		G	1		x	x	x	
S-7 (6.0')	8/30/2024		X		G	1		x	x	x	
S-8 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-8 (1.5')	8/30/2024		X		G	1		x	x	x	
S-8 (2.0')	8/30/2024		X		G	1		x	x	x	
S-8 (3.0')	8/30/2024		X		G	1		x	x	x	
S-8 (4.0')	8/30/2024		X		G	1		x	x	x	
S-8 (5.0')	8/30/2024		X		G	1		x	x	x	
S-9 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-9 (1.5')	8/30/2024		X		G	1		x	x	x	

Comments:

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Chain of Custody

Work Order No: 480024

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Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@nglep.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:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-9 (2.0')	8/30/2024		X		G	1		x	x	x	
S-9 (3.0')	8/30/2024		X		G	1		x	x	x	
S-9 (4.0')	8/30/2024		X		G	1		x	x	x	
S-9 (5.0')	8/30/2024		X		G	1		x	x	x	
S-10 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-10 (1.5')	8/30/2024		X		G	1		x	x	x	
S-10 (2.0')	8/30/2024		X		G	1		x	x	x	
S-10 (3.0')	8/30/2024		X		G	1		x	x	x	
S-10 (4.0')	8/30/2024		X		G	1		x	x	x	
S-10 (5.0')	8/30/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/3/24 1505		

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Chain of Custody

Work Order No: 48024

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Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823 Email:	Joseph.Vargo@nglep.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-11 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-11 (1.5')	8/30/2024		X		G	1		x	x	x	
S-11 (2.0')	8/30/2024		X		G	1		x	x	x	
S-11 (3.0')	8/30/2024		X		G	1		x	x	x	
S-11 (4.0')	8/30/2024		X		G	1		x	x	x	
S-11 (5.0')	8/30/2024		X		G	1		x	x	x	
S-12 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-12 (1.5')	8/30/2024		X		G	1		x	x	x	
S-12 (2.0')	8/30/2024		X		G	1		x	x	x	
S-12 (3.0')	8/30/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/3/24 1505		

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Received by OCD: 1/6/2025 1:03:05 PM

Released to Imaging: 1/21/2025 8:09:16 AM

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Chain of Custody

Work Order No: 458024

9/9/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@nglep.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:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-12 (4.0')	8/30/2024		X		G	1			x	x	x	
S-12 (4.5')	8/30/2024		X		G	1			x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
David	9/3/24 1505		

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Received by OCD: 1/6/2025 1:03:05 PM

Released to Imaging: 1/21/2025 8:09:16 AM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-48024-1
SDG Number: Lea County, New Mexico

Login Number: 48024
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/10/2024 8:54:43 AM

JOB DESCRIPTION

NGL- Tie In
Lea County, New Mexico

JOB NUMBER

880-48023-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

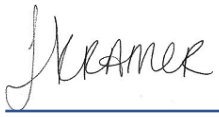
Eurofins Midland

Job Notes

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

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

Authorization



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9/10/2024 8:54:43 AM

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

Client: Carmona Resources
Project/Site: NGL- Tie In

Laboratory Job ID: 880-48023-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
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: NGL- Tie In

Job ID: 880-48023-1

Job ID: 880-48023-1 Eurofins Midland

Job Narrative
880-48023-1

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

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

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

Receipt
The samples were received on 9/3/2024 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -6.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-48023-1), H-2 (0-0.5') (880-48023-2), H-3 (0-0.5') (880-48023-3), H-4 (0-0.5') (880-48023-4), H-5 (0-0.5') (880-48023-5), H-6 (0-0.5') (880-48023-6), H-7 (0-0.5') (880-48023-7), H-8 (0-0.5') (880-48023-8), H-9 (0-0.5') (880-48023-9), H-10 (0-0.5') (880-48023-10), H-11 (0-0.5') (880-48023-11), H-12 (0-0.5') (880-48023-12), H-13 (0-0.5') (880-48023-13) and H-14 (0-0.5') (880-48023-14).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: H-9 (0-0.5') (880-48023-9). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-90182 and 880-90190 and analytical batch 880-90171 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-90171 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-90171/20) and (CCV 880-90171/33).

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90030 and analytical batch 880-90113 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-90030/2-A) and (880-48023-A-1-C MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-90038 and analytical batch 880-90055 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: H-1 (0-0.5') (880-48023-1), H-2 (0-0.5') (880-48023-2), H-3 (0-0.5') (880-48023-3), H-4 (0-0.5') (880-48023-4), H-5 (0-0.5') (880-48023-5), H-6 (0-0.5') (880-48023-6), H-7 (0-0.5') (880-48023-7), (880-48022-A-25-A), (880-48022-A-25-B MS) and (880-48022-A-25-C MSD).

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

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-48023-1
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 17:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:28*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:28*	*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			09/05/24 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 09:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 09:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 09:39	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/04/24 09:11*	*09/05/24 09:39*	*1*
o-Terphenyl	*113*		*70 - 130*	*09/04/24 09:11*	*09/05/24 09:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**163**		4.96		mg/Kg			09/06/24 09:32	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-48023-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:48*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:48*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-48023-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 17:48	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			09/05/24 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 10:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 10:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 10:27	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*09/04/24 09:11*	*09/05/24 10:27*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/04/24 09:11*	*09/05/24 10:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.86**		4.97		mg/Kg			09/06/24 09:58	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-48023-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:09*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:09*	*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			09/05/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 10:44	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		09/04/24 09:11	09/05/24 10:44	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-48023-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 10:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 10:44	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/04/24 09:11*	*09/05/24 10:44*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/04/24 09:11*	*09/05/24 10:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.92**		5.01		mg/Kg			09/06/24 10:07	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-48023-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 18:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 18:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 18:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 11:11	09/05/24 18:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 18:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:11	09/05/24 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:29*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:29*	*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			09/05/24 18:29	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			09/05/24 11:00	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		09/04/24 09:11	09/05/24 11:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 11:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 11:00	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:00*	*1*
o-Terphenyl	*106*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-48023-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 10:16	1

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-48023-5
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 18:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:50*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:50*	*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			09/05/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:16	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:16*	*1*
o-Terphenyl	*101*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 10:25	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-48023-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 19:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-48023-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 19:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:10*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:10*	*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			09/05/24 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:32	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:32*	*1*
o-Terphenyl	*97*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 10:34	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-48023-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-48023-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:48	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:48*	*1*
o-Terphenyl	*115*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.1**		5.01		mg/Kg			09/06/24 10:43	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-48023-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 19:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:51*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:51*	*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			09/05/24 19:51	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			09/05/24 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	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 12:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-48023-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 12:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 12:04	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:04*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			09/06/24 10:51	1

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-48023-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:38	09/04/24 23:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
o-Xylene	**0.0254**		0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
Xylenes, Total	**0.0254**		0.00399		mg/Kg		09/04/24 10:38	09/04/24 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*09/04/24 10:38*	*09/04/24 23:24*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/04/24 10:38*	*09/04/24 23:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0254**		0.00399		mg/Kg			09/04/24 23:24	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			09/05/24 12:20	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	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 12:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 12:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 12:20	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:20*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-48023-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.31		5.01		mg/Kg			09/06/24 19:17	1

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-48023-10
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:38	09/04/24 23:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 10:38	09/04/24 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/04/24 10:38*	*09/04/24 23:45*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:38*	*09/04/24 23:45*	*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			09/04/24 23:45	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			09/05/24 12:36	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		09/04/24 09:11	09/05/24 12:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 12:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 12:36	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:36*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/06/24 19:41	1

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-48023-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:38	09/05/24 00:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:38	09/05/24 00:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-48023-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:38	09/05/24 00:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:38	09/05/24 00:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:38	09/05/24 00:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:38	09/05/24 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 10:38*	*09/05/24 00:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/04/24 10:38*	*09/05/24 00:05*	*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			09/05/24 00:05	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			09/05/24 13:08	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		09/04/24 09:11	09/05/24 13:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 13:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 13:08	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:08*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			09/06/24 19:49	1

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-48023-12
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/06/24 09:55	09/07/24 05:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/06/24 09:55	09/07/24 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/06/24 09:55*	*09/07/24 05:55*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/06/24 09:55*	*09/07/24 05:55*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-48023-12
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/07/24 05:55	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			09/05/24 13:24	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	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 13:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 13:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 13:24	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:24*	*1*
o-Terphenyl	*107*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.20**		4.98		mg/Kg			09/06/24 19:57	1

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-48023-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/06/24 09:55	09/07/24 06:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/06/24 09:55	09/07/24 06:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/06/24 09:55	09/07/24 06:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/06/24 09:55	09/07/24 06:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/06/24 09:55	09/07/24 06:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/06/24 09:55	09/07/24 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*09/06/24 09:55*	*09/07/24 06:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/06/24 09:55*	*09/07/24 06:21*	*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			09/07/24 06:21	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			09/05/24 13:41	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	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 13:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-48023-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 13:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 13:41	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:41*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			09/06/24 20:06	1

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-48023-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/06/24 09:55	09/07/24 06:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/06/24 09:55	09/07/24 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*09/06/24 09:55*	*09/07/24 06:48*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*09/06/24 09:55*	*09/07/24 06:48*	*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			09/07/24 06:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 13:57	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 13:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 13:57	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:57*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:57*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-14 (0-0.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-14

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 20:30	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-48023-1	H-1 (0-0.5')	103	99
880-48023-2	H-2 (0-0.5')	110	97
880-48023-3	H-3 (0-0.5')	109	98
880-48023-4	H-4 (0-0.5')	108	94
880-48023-5	H-5 (0-0.5')	109	96
880-48023-6	H-6 (0-0.5')	112	94
880-48023-7	H-7 (0-0.5')	107	99
880-48023-8	H-8 (0-0.5')	107	94
880-48023-9	H-9 (0-0.5')	132 S1+	103
880-48023-10	H-10 (0-0.5')	113	96
880-48023-11	H-11 (0-0.5')	110	99
880-48023-12	H-12 (0-0.5')	113	92
880-48023-12 MS	H-12 (0-0.5')	101	83
880-48023-12 MSD	H-12 (0-0.5')	113	95
880-48023-13	H-13 (0-0.5')	127	96
880-48023-14	H-14 (0-0.5')	122	84
880-48024-A-61-C MS	Matrix Spike	99	98
880-48024-A-61-D MSD	Matrix Spike Duplicate	96	103
890-7068-A-36-C MS	Matrix Spike	94	105
890-7068-A-36-D MSD	Matrix Spike Duplicate	95	103
LCS 880-90045/1-A	Lab Control Sample	97	107
LCS 880-90051/1-A	Lab Control Sample	95	99
LCS 880-90182/1-A	Lab Control Sample	109	86
LCSD 880-90045/2-A	Lab Control Sample Dup	94	102
LCSD 880-90051/2-A	Lab Control Sample Dup	95	99
LCSD 880-90182/2-A	Lab Control Sample Dup	122	105
MB 880-90045/5-A	Method Blank	100	91
MB 880-90051/5-A	Method Blank	98	92
MB 880-90182/5-A	Method Blank	57 S1-	100
MB 880-90190/5-A	Method Blank	61 S1-	116

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-48023-1	H-1 (0-0.5')	122	113
880-48023-1 MS	H-1 (0-0.5')	123	125
880-48023-1 MSD	H-1 (0-0.5')	149 S1+	119
880-48023-2	H-2 (0-0.5')	115	110
880-48023-3	H-3 (0-0.5')	122	114
880-48023-4	H-4 (0-0.5')	119	106
880-48023-5	H-5 (0-0.5')	115	101
880-48023-6	H-6 (0-0.5')	110	97
880-48023-7	H-7 (0-0.5')	130	115

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
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)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-48023-8	H-8 (0-0.5')	119	109								
880-48023-9	H-9 (0-0.5')	119	110								
880-48023-10	H-10 (0-0.5')	122	111								
880-48023-11	H-11 (0-0.5')	108	100								
880-48023-12	H-12 (0-0.5')	118	107								
880-48023-13	H-13 (0-0.5')	120	109								
880-48023-14	H-14 (0-0.5')	125	114								
LCS 880-90030/2-A	Lab Control Sample	139 S1+	113								
LCSD 880-90030/3-A	Lab Control Sample Dup	109	111								
MB 880-90030/1-A	Method Blank	131 S1+	118								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-90045/5-A
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90045

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 10:38	09/04/24 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/04/24 10:38*	*09/04/24 16:12*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/04/24 10:38*	*09/04/24 16:12*	*1*

Lab Sample ID: LCS 880-90045/1-A
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1083		mg/Kg		108	70 - 130
Toluene	0.100	0.09514		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1027		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2047		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-90045/2-A
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09645		mg/Kg		96	70 - 130	12	35
Toluene	0.100	0.08372		mg/Kg		84	70 - 130	13	35
Ethylbenzene	0.100	0.09049		mg/Kg		90	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1810		mg/Kg		90	70 - 130	12	35
o-Xylene	0.100	0.09155		mg/Kg		92	70 - 130	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-7068-A-36-C MS
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.09721		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.0996	0.08265		mg/Kg		83	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-7068-A-36-C MS
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.08803		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1737		mg/Kg		87	70 - 130
o-Xylene	<0.00200	U	0.0996	0.08817		mg/Kg		89	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-7068-A-36-D MSD
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09793		mg/Kg		99	70 - 130	1	35
Toluene	<0.00200	U	0.0990	0.08345		mg/Kg		84	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0990	0.08815		mg/Kg		89	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1743		mg/Kg		88	70 - 130	0	35
o-Xylene	<0.00200	U	0.0990	0.08819		mg/Kg		89	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 880-90051/5-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90051

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 11:11	09/05/24 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*09/04/24 11:11*	*09/05/24 11:58*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/04/24 11:11*	*09/05/24 11:58*	*1*

Lab Sample ID: LCS 880-90051/1-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08287		mg/Kg		83	70 - 130
Toluene	0.100	0.07344		mg/Kg		73	70 - 130
Ethylbenzene	0.100	0.07934		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1597		mg/Kg		80	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-90051/1-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90051

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.08168		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-90051/2-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90051

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08668		mg/Kg		87	70 - 130	4	35
Toluene			0.100	0.07701		mg/Kg		77	70 - 130	5	35
Ethylbenzene			0.100	0.08378		mg/Kg		84	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1681		mg/Kg		84	70 - 130	5	35
o-Xylene			0.100	0.08523		mg/Kg		85	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-48024-A-61-C MS
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.09371		mg/Kg		94	70 - 130		
Toluene	<0.00200	U	0.0996	0.08159		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00200	U	0.0996	0.08682		mg/Kg		87	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1713		mg/Kg		86	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.08692		mg/Kg		87	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-48024-A-61-D MSD
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09903		mg/Kg		100	70 - 130	6	35
Toluene	<0.00200	U	0.0990	0.08506		mg/Kg		86	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0990	0.09009		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1771		mg/Kg		89	70 - 130	3	35
o-Xylene	<0.00200	U	0.0990	0.08983		mg/Kg		91	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-A-61-D MSD
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90051

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-90182/5-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/06/24 09:55	09/07/24 05:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	57	S1-	70 - 130	09/06/24 09:55	09/07/24 05:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/06/24 09:55	09/07/24 05:28	1

Lab Sample ID: LCS 880-90182/1-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90182

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1059		mg/Kg		106	70 - 130		
Toluene			0.100	0.1013		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.09953		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			0.200	0.2111		mg/Kg		106	70 - 130		
o-Xylene			0.100	0.1002		mg/Kg		100	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-90182/2-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90182

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1193		mg/Kg		119	70 - 130	12	35
Toluene			0.100	0.1093		mg/Kg		109	70 - 130	8	35
Ethylbenzene			0.100	0.09795		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2178		mg/Kg		109	70 - 130	3	35
o-Xylene			0.100	0.1103		mg/Kg		110	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-90182/2-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90182

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-48023-12 MS
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: H-12 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09314		mg/Kg		93	70 - 130
Toluene	<0.00201	U	0.100	0.09435		mg/Kg		94	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08603		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1823		mg/Kg		91	70 - 130
o-Xylene	<0.00201	U	0.100	0.09671		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 880-48023-12 MSD
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: H-12 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90182

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1039		mg/Kg		104	70 - 130	11	35
Toluene	<0.00201	U	0.100	0.09704		mg/Kg		97	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.09510		mg/Kg		95	70 - 130	10	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2003		mg/Kg		100	70 - 130	9	35
o-Xylene	<0.00201	U	0.100	0.09808		mg/Kg		98	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-90190/5-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90190

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/06/24 10:34	09/06/24 15:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130	09/06/24 10:34	09/06/24 15:42	1
1,4-Difluorobenzene (Surr)	116		70 - 130	09/06/24 10:34	09/06/24 15:42	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90030/1-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90030

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		09/04/24 09:11	09/05/24 06:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 06:41*	*1*
o-Terphenyl	*118*		*70 - 130*	*09/04/24 09:11*	*09/05/24 06:41*	*1*

Lab Sample ID: LCS 880-90030/2-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90030

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1159		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	985.1		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*113*		*70 - 130*

Lab Sample ID: LCSD 880-90030/3-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90030

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1174		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1060		mg/Kg		106	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: 880-48023-1 MS
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	1092		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	998	1077		mg/Kg		108	70 - 130		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-1 MS
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90030

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	125		70 - 130

Lab Sample ID: 880-48023-1 MSD
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90030

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	<49.7	U	998	1106		mg/Kg		111	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	998	1005		mg/Kg		101	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	149	S1+	70 - 130
o-Terphenyl	119		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-90038/1-A
Matrix: Solid
Analysis Batch: 90055

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/05/24 21:33	1

Lab Sample ID: LCS 880-90038/2-A
Matrix: Solid
Analysis Batch: 90055

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.1		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-90038/3-A
Matrix: Solid
Analysis Batch: 90055

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	239.1		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-90039/1-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 18:52	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-90039/2-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	247.3		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-90039/3-A
Matrix: Solid
Analysis Batch: 90057

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	247.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-48023-9 MS
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: H-9 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7.31		251	257.9		mg/Kg		100	90 - 110		

Lab Sample ID: 880-48023-9 MSD
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: H-9 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.31		251	259.3		mg/Kg		101	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 90045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	5035	
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	5035	
MB 880-90045/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90045/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90045/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7068-A-36-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7068-A-36-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 90051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	5035	
MB 880-90051/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90051/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90051/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-A-61-C MS	Matrix Spike	Total/NA	Solid	5035	
880-48024-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 90074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	8021B	90045
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	8021B	90045
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	8021B	90045
MB 880-90045/5-A	Method Blank	Total/NA	Solid	8021B	90045
LCS 880-90045/1-A	Lab Control Sample	Total/NA	Solid	8021B	90045
LCSD 880-90045/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90045
890-7068-A-36-C MS	Matrix Spike	Total/NA	Solid	8021B	90045
890-7068-A-36-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	90045

Analysis Batch: 90117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	8021B	90051
MB 880-90051/5-A	Method Blank	Total/NA	Solid	8021B	90051
LCS 880-90051/1-A	Lab Control Sample	Total/NA	Solid	8021B	90051
LCSD 880-90051/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90051
880-48024-A-61-C MS	Matrix Spike	Total/NA	Solid	8021B	90051
880-48024-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	90051

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 90143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 90171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	8021B	90182
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	8021B	90182
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	8021B	90182
MB 880-90182/5-A	Method Blank	Total/NA	Solid	8021B	90182
MB 880-90190/5-A	Method Blank	Total/NA	Solid	8021B	90190
LCS 880-90182/1-A	Lab Control Sample	Total/NA	Solid	8021B	90182
LCSD 880-90182/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90182
880-48023-12 MS	H-12 (0-0.5')	Total/NA	Solid	8021B	90182
880-48023-12 MSD	H-12 (0-0.5')	Total/NA	Solid	8021B	90182

Prep Batch: 90182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	5035	
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	5035	
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	5035	
MB 880-90182/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90182/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90182/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48023-12 MS	H-12 (0-0.5')	Total/NA	Solid	5035	
880-48023-12 MSD	H-12 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 90190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-90190/5-A	Method Blank	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 90030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 90030 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-90030/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90030/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48023-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	8015B NM	90030
MB 880-90030/1-A	Method Blank	Total/NA	Solid	8015B NM	90030
LCS 880-90030/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90030
LCSD 880-90030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90030
880-48023-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	90030

Analysis Batch: 90154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 90154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 90038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-90038/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90038/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90038/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 90039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-13	H-13 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-14	H-14 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-90039/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90039/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90039/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48023-9 MS	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-9 MSD	H-9 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 90055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-2	H-2 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-3	H-3 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-4	H-4 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-5	H-5 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-6	H-6 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-7	H-7 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-8	H-8 (0-0.5')	Soluble	Solid	300.0	90038
MB 880-90038/1-A	Method Blank	Soluble	Solid	300.0	90038
LCS 880-90038/2-A	Lab Control Sample	Soluble	Solid	300.0	90038
LCSD 880-90038/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90038

Analysis Batch: 90057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-9	H-9 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-10	H-10 (0-0.5')	Soluble	Solid	300.0	90039

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 90057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-11	H-11 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-12	H-12 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-13	H-13 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-14	H-14 (0-0.5')	Soluble	Solid	300.0	90039
MB 880-90039/1-A	Method Blank	Soluble	Solid	300.0	90039
LCS 880-90039/2-A	Lab Control Sample	Soluble	Solid	300.0	90039
LCSD 880-90039/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90039
880-48023-9 MS	H-9 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-9 MSD	H-9 (0-0.5')	Soluble	Solid	300.0	90039

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-48023-1
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 17:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 09:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 09:39	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 09:32	SMC	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-48023-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 17:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 10:27	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 09:58	SMC	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-48023-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 10:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 10:44	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:07	SMC	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-48023-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 18:29	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-48023-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90154	09/05/24 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 11:00	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:16	SMC	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-48023-5
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 11:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 11:16	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:25	SMC	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-48023-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 19:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 11:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 11:32	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:34	SMC	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-48023-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 19:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 11:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 11:48	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-48023-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:43	SMC	EET MID

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-48023-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 19:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 12:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 12:04	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:51	SMC	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-48023-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90045	09/04/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90074	09/04/24 23:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/04/24 23:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 12:20	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 19:17	CH	EET MID

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-48023-10
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90045	09/04/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90074	09/04/24 23:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/04/24 23:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 12:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 12:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 19:41	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-48023-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90045	09/04/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90074	09/05/24 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 00:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 13:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 13:08	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 19:49	CH	EET MID

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-48023-12
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90182	09/06/24 09:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90171	09/07/24 05:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/07/24 05:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 13:24	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 19:57	CH	EET MID

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-48023-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90182	09/06/24 09:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90171	09/07/24 06:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/07/24 06:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 13:41	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 20:06	CH	EET MID

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-48023-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90182	09/06/24 09:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90171	09/07/24 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/07/24 06:48	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-14 (0-0.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-14

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			90154	09/05/24 13:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 13:57	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 20:30	CH	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: NGL- Tie In

Job ID: 880-48023-1
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	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
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: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48023-1	H-1 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-2	H-2 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-3	H-3 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-4	H-4 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-5	H-5 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-6	H-6 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-7	H-7 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-8	H-8 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-9	H-9 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-10	H-10 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-11	H-11 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-12	H-12 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-13	H-13 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-14	H-14 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05

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Chain of Custody

880-48023 Chain of Custody

9/10/2024

Page ___1___ of ___2___

Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@nglep.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:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine	☐ Rush
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.10
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-5.9
Total Containers:		Corrected Temperature:	-6.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-2 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-3 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-4 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-5 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-6 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-7 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-8 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-9 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-10 (0-0.5')	8/30/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/3/24 1505		

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Released to Imaging: 1/21/2025 8:09:16 AM

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Chain of Custody

Work Order No: 48023

9/10/2024

Page 2 of 2

Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address:	865 N. Albino Street, Suite 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@nglep.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:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-11 (0-0.5')	8/30/2024		X		G	1	x	x	x	
H-12 (0-0.5')	8/30/2024		X		G	1	x	x	x	
H-13 (0-0.5')	8/30/2024		X		G	1	x	x	x	
H-14 (0-0.5')	8/30/2024		X		G	1	x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/13/24 1505		

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-48023-1
SDG Number: Lea County, New Mexico

Login Number: 48023
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/21/2024 12:15:53 PM

JOB DESCRIPTION

NGL-Tie In
Lea County, New Mexico

JOB NUMBER

880-49784-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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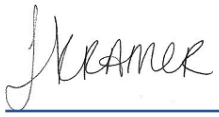
Eurofins Midland

Job Notes

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

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

Authorization



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

Client: Carmona Resources
Project/Site: NGL-Tie In

Laboratory Job ID: 880-49784-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-49784-1

Job ID: 880-49784-1 Eurofins Midland

Job Narrative
880-49784-1

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

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

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

Receipt
The samples were received on 10/14/2024 3:50 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 -3.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1') (880-49784-1), T-1 (1.5') (880-49784-2), T-1 (2') (880-49784-3), T-1 (3') (880-49784-4), T-1 (4') (880-49784-5), T-1 (5') (880-49784-6), T-1 (6') (880-49784-7), T-1 (7') (880-49784-8), T-1 (8') (880-49784-9), T-1 (9') (880-49784-10), T-1 (10') (880-49784-11), T-1 (11') (880-49784-12), T-1 (12') (880-49784-13), T-1 (13') (880-49784-14), T-1 (14') (880-49784-15), T-2 (0-1') (880-49784-16), T-2 (1.5') (880-49784-17), T-2 (2') (880-49784-18), T-2 (3') (880-49784-19), T-2 (4') (880-49784-20), T-2 (5') (880-49784-21), T-2 (6') (880-49784-22), T-2 (7') (880-49784-23), T-2 (8') (880-49784-24), T-2 (9') (880-49784-25), T-2 (10') (880-49784-26), T-2 (11') (880-49784-27), T-3 (0-1') (880-49784-28), T-3 (1.5') (880-49784-29), T-3 (2') (880-49784-30), T-3 (3') (880-49784-31), T-3 (4') (880-49784-32), T-3 (5') (880-49784-33), T-3 (6') (880-49784-34), T-3 (7') (880-49784-35), T-3 (8') (880-49784-36), T-3 (9') (880-49784-37), T-3 (10') (880-49784-38), T-3 (11') (880-49784-39), T-3 (12') (880-49784-40), T-3 (13') (880-49784-41), T-3 (14') (880-49784-42), T-3 (15') (880-49784-43), T-4 (0-1') (880-49784-44), T-4 (1.5') (880-49784-45), T-4 (2') (880-49784-46), T-4 (3') (880-49784-47), T-4 (4') (880-49784-48), T-5 (0-1') (880-49784-49), T-5 (1.5') (880-49784-50), T-5 (2') (880-49784-51), T-5 (3') (880-49784-52), T-5 (4') (880-49784-53), T-5 (5') (880-49784-54), T-5 (6') (880-49784-55), T-5 (7') (880-49784-56), T-5 (8') (880-49784-57), T-5 (9') (880-49784-58), T-5 (10') (880-49784-59), T-5 (11') (880-49784-60), T-5 (12') (880-49784-61), T-5 (13') (880-49784-62), T-5 (14') (880-49784-63), T-6 (0-1') (880-49784-64), T-6 (1.5') (880-49784-65), T-6 (2') (880-49784-66), T-6 (3') (880-49784-67), T-6 (4') (880-49784-68), T-6 (5') (880-49784-69), T-6 (6') (880-49784-70), T-6 (7') (880-49784-71), T-6 (8') (880-49784-72), T-6 (9') (880-49784-73), T-7 (0-1') (880-49784-74), T-7 (1.5') (880-49784-75), T-7 (2') (880-49784-76), T-7 (3') (880-49784-77), T-7 (4') (880-49784-78), T-7 (5') (880-49784-79), T-7 (6') (880-49784-80), T-7 (7') (880-49784-81), T-7 (8') (880-49784-82), T-8 (0-1') (880-49784-83), T-8 (1.5') (880-49784-84), T-8 (2') (880-49784-85), T-8 (3') (880-49784-86), T-8 (4') (880-49784-87), T-8 (5') (880-49784-88), T-8 (6') (880-49784-89), T-8 (7') (880-49784-90) and T-8 (8') (880-49784-91).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-93305 recovered under the lower control limit for Benzene, Toluene and m-Xylene & p-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-93311 and 880-93340 and analytical batch 880-93308 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-1 (7') (880-49784-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-5 (12') (880-49784-61), T-5 (13') (880-49784-62), T-5 (14') (880-49784-63), T-6 (0-1') (880-49784-64), T-6 (1.5') (880-49784-65), T-6 (2') (880-49784-66), T-6 (3') (880-49784-67), T-6 (4') (880-49784-68), T-6 (5') (880-49784-69), T-6 (6') (880-49784-70), T-6 (7') (880-49784-71), T-6 (8') (880-49784-72), T-6 (9') (880-49784-73), T-7 (0-1') (880-49784-74), T-7 (1.5') (880-49784-75), T-7 (2') (880-49784-76), T-7 (3') (880-49784-77), T-7 (4') (880-49784-78), T-7 (5') (880-49784-79), T-7 (6') (880-49784-80), (CCV 880-93304/51), (LCS 880-93343/1-A), (LCSD 880-93343/2-A), (MB 880-93343/5-A), (880-49784-A-61-A MS) and (880-49784-A-61-B 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.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-49784-1

Job ID: 880-49784-1 (Continued) Eurofins Midland

Diesel Range Organics
Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: T-2 (0-1') (880-49784-16). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-93361 and analytical batch 880-93454 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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-93363/2-A) and (LCSD 880-93363/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-3 (14') (880-49784-42), T-3 (15') (880-49784-43), T-4 (0-1') (880-49784-44), T-4 (1.5') (880-49784-45), T-5 (1.5') (880-49784-50) and T-5 (2') (880-49784-51). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The closing continuing calibration verification (CCVC) associated with batch 880-93456 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-93365/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-93365 and analytical batch 880-93440 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-93364/2-A) and (LCSD 880-93364/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-93364 and analytical batch 880-93583 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: T-5 (13') (880-49784-62), T-7 (0-1') (880-49784-74), (880-49784-A-61-E MS) and (880-49784-A-61-F MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-5 (14') (880-49784-63), T-6 (0-1') (880-49784-64), T-6 (2') (880-49784-66), T-6 (6') (880-49784-70), T-6 (9') (880-49784-73), T-7 (3') (880-49784-77), T-7 (5') (880-49784-79) and T-7 (6') (880-49784-80). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93414 and analytical batch 880-93452 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93416 and analytical batch 880-93458 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93415 and analytical batch 880-93457 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-49784-1

Job ID: 880-49784-1 (Continued) Eurofins Midland

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93417 and analytical batch 880-93464 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-49784-1

Date Collected: 10/07/24 00:00
Matrix: Solid
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/15/24 23:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:02	10/15/24 23:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:02	10/15/24 23:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/15/24 11:02	10/15/24 23:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:02	10/15/24 23:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/24 11:02	10/15/24 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:02*	*10/15/24 23:52*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:02*	*10/15/24 23:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/24 23:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**119**		50.0		mg/Kg			10/16/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 17:31	1
Diesel Range Organics (Over C10-C28)	**119**	**F1**	50.0		mg/Kg		10/15/24 12:49	10/16/24 17:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*10/15/24 12:49*	*10/16/24 17:31*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/15/24 12:49*	*10/16/24 17:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1550**		49.9		mg/Kg			10/16/24 00:46	5

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-49784-2

Date Collected: 10/07/24 00:00
Matrix: Solid
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 00:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 00:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 00:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 00:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 00:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:12*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-49784-2
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 00:12	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			10/16/24 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:17*	*1*
o-Terphenyl	*86*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2620**		49.6		mg/Kg			10/16/24 00:51	5

Client Sample ID: T-1 (2')

Lab Sample ID: 880-49784-3
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 00:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:02	10/16/24 00:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:02	10/16/24 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:33*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:33*	*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			10/16/24 00:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 18:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 18:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-49784-3
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:33*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1840**		49.8		mg/Kg			10/16/24 00:57	5

Client Sample ID: T-1 (3')

Lab Sample ID: 880-49784-4
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:02	10/16/24 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:02	10/16/24 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:53*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:53*	*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			10/16/24 00:53	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			10/16/24 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:48*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3080**		49.9		mg/Kg			10/16/24 01:02	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (4')

Lab Sample ID: 880-49784-5
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 01:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 01:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 01:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 01:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 01:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:14*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:14*	*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			10/16/24 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 19:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 19:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:03*	*1*
o-Terphenyl	*94*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2650**		49.8		mg/Kg			10/16/24 01:18	5

Client Sample ID: T-1 (5')

Lab Sample ID: 880-49784-6
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 01:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 01:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 01:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:02	10/16/24 01:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 01:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:02	10/16/24 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:34*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (5')

Lab Sample ID: 880-49784-6
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 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		10/15/24 12:49	10/16/24 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:21*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3550**		50.2		mg/Kg			10/16/24 01:24	5

Client Sample ID: T-1 (6')

Lab Sample ID: 880-49784-7
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 01:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 01:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 01:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 01:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 01:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:55*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:55*	*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			10/16/24 01:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 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		10/15/24 12:49	10/16/24 19:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (6')

Lab Sample ID: 880-49784-7
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:49	10/16/24 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:36*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2820**		49.7		mg/Kg			10/16/24 01:29	5

Client Sample ID: T-1 (7')

Lab Sample ID: 880-49784-8
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 02:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:02	10/16/24 02:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:02	10/16/24 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*10/15/24 11:02*	*10/16/24 02:15*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/16/24 02:15	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			10/16/24 19:51	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		10/15/24 12:49	10/16/24 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 19:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:51*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4530**		99.2		mg/Kg			10/16/24 01:34	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (8')

Lab Sample ID: 880-49784-9
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 02:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:02	10/16/24 02:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:02	10/16/24 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:36*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:36*	*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			10/16/24 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 20:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 20:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:08*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4850**		101		mg/Kg			10/16/24 01:40	10

Client Sample ID: T-1 (9')

Lab Sample ID: 880-49784-10
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 02:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 02:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 02:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 02:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 02:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:56*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (9')

Lab Sample ID: 880-49784-10
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 02:56	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			10/16/24 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 20:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:23*	*1*
o-Terphenyl	*85*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7130**		99.6		mg/Kg			10/16/24 01:45	10

Client Sample ID: T-1 (10')

Lab Sample ID: 880-49784-11
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 04:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 04:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 04:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 04:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 04:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:02*	*10/16/24 04:46*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:02*	*10/16/24 04:46*	*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			10/16/24 04:46	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			10/16/24 20:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 20:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 20:55	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (10')

Lab Sample ID: 880-49784-11
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:49	10/16/24 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:55*	*1*
o-Terphenyl	*86*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6870**		100		mg/Kg			10/16/24 02:01	10

Client Sample ID: T-1 (11')

Lab Sample ID: 880-49784-12
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 05:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:07*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:07*	*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			10/16/24 05:07	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			10/16/24 21:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 21:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 21:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:11*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3980**		99.2		mg/Kg			10/16/24 02:07	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (12')

Lab Sample ID: 880-49784-13
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 05:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:27*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:27*	*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			10/16/24 05:27	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			10/16/24 21:27	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	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 21:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 21:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:27*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1590**		49.5		mg/Kg			10/16/24 02:23	5

Client Sample ID: T-1 (13')

Lab Sample ID: 880-49784-14
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 05:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:48*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:48*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (13')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-14
Matrix: Solid

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			10/16/24 05:48	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			10/16/24 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 21:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 21:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:43*	*1*
o-Terphenyl	*97*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		9.92		mg/Kg			10/16/24 02:28	1

Client Sample ID: T-1 (14')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-15
Matrix: Solid

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		10/15/24 11:02	10/16/24 06:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 06:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 06:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:02	10/16/24 06:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 06:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:02	10/16/24 06:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:08*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:08*	*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			10/16/24 06:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 21:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 21:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (14')

Lab Sample ID: 880-49784-15
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:59*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:59*	*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			10/16/24 02:34	1

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-49784-16
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 06:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 06:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 06:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 06:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 06:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 06:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:29*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:29*	*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			10/16/24 06:29	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			10/16/24 22:15	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	50.0		mg/Kg		10/15/24 12:49	10/16/24 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 22:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*52*	*S1-*	*70 - 130*	*10/15/24 12:49*	*10/16/24 22:15*	*1*
o-Terphenyl	*47*	*S1-*	*70 - 130*	*10/15/24 12:49*	*10/16/24 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**309**		9.96		mg/Kg			10/16/24 02:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-49784-17
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 06:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 06:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 06:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:02	10/16/24 06:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 06:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:02	10/16/24 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:49*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:49*	*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			10/16/24 06:49	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			10/16/24 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 22:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 22:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*10/15/24 12:49*	*10/16/24 22:30*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/15/24 12:49*	*10/16/24 22:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**539**		9.92		mg/Kg			10/16/24 02:45	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-49784-18
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 07:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 07:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 07:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 07:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 07:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:09*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:09*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-18
Matrix: Solid

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			10/16/24 07:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.0**		49.9		mg/Kg			10/16/24 22:47	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		10/15/24 12:49	10/16/24 22:47	1
Diesel Range Organics (Over C10-C28)	**72.0**		49.9		mg/Kg		10/15/24 12:49	10/16/24 22:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/15/24 12:49*	*10/16/24 22:47*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:49*	*10/16/24 22:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**910**		10.0		mg/Kg			10/16/24 02:50	1

Client Sample ID: T-2 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-19
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		10/15/24 11:02	10/16/24 07:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 07:30	1
Ethylbenzene	**0.00238**		0.00201		mg/Kg		10/15/24 11:02	10/16/24 07:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 07:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 07:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 07:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:30*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:30*	*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			10/16/24 07:30	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			10/16/24 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 23:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 23:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-49784-19
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:49	10/16/24 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/15/24 12:49*	*10/16/24 23:02*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:49*	*10/16/24 23:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2520**		50.1		mg/Kg			10/16/24 02:56	5

Client Sample ID: T-2 (4')

Lab Sample ID: 880-49784-20
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 07:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 07:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 07:50	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:02	10/16/24 07:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 07:50	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:02	10/16/24 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:50*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:50*	*1*

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			10/16/24 07:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**614**		49.8		mg/Kg			10/16/24 23:19	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		10/15/24 12:49	10/16/24 23:19	1
Diesel Range Organics (Over C10-C28)	**614**		49.8		mg/Kg		10/15/24 12:49	10/16/24 23:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*10/15/24 12:49*	*10/16/24 23:19*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/15/24 12:49*	*10/16/24 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3920**	**F1**	50.2		mg/Kg			10/16/24 22:28	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-21
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		10/15/24 11:08	10/15/24 22:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:08	10/15/24 22:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:08	10/15/24 22:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/15/24 11:08	10/15/24 22:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:08	10/15/24 22:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/24 11:08	10/15/24 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/15/24 11:08*	*10/15/24 22:46*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/15/24 22:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/24 22:46	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			10/17/24 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 17:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 17:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:52*	*10/17/24 17:02*	*1*
o-Terphenyl	*97*		*70 - 130*	*10/15/24 12:52*	*10/17/24 17:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8090**		101		mg/Kg			10/16/24 22:44	10

Client Sample ID: T-2 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-22
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		10/15/24 11:08	10/15/24 23:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/15/24 23:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/15/24 23:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/15/24 23:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/15/24 23:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/15/24 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-22
Matrix: Solid

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			10/15/24 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 17:49	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	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 17:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 17:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*10/15/24 12:52*	*10/17/24 17:49*	*1*
o-Terphenyl	*91*		*70 - 130*	*10/15/24 12:52*	*10/17/24 17:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**534**		10.0		mg/Kg			10/16/24 22:49	1

Client Sample ID: T-2 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-23
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		10/15/24 11:08	10/15/24 23:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:08	10/15/24 23:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:08	10/15/24 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:27*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:27*	*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			10/15/24 23:27	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			10/17/24 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	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 18:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 18:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (7')

Lab Sample ID: 880-49784-23
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:52	10/17/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:05*	*1*
o-Terphenyl	*103*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5580**		101		mg/Kg			10/16/24 22:54	10

Client Sample ID: T-2 (8')

Lab Sample ID: 880-49784-24
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/15/24 23:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:08	10/15/24 23:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:08	10/15/24 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:47*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:47*	*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			10/15/24 23:47	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			10/17/24 18:21	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		10/15/24 12:52	10/17/24 18:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:21*	*1*
o-Terphenyl	*96*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3420**		50.0		mg/Kg			10/16/24 23:00	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (9')

Lab Sample ID: 880-49784-25
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 00:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 00:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 00:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 00:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 00:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:08*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:08*	*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			10/16/24 00:08	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			10/17/24 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:38*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4050**		50.0		mg/Kg			10/16/24 23:16	5

Client Sample ID: T-2 (10')

Lab Sample ID: 880-49784-26
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 00:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 00:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 00:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:08	10/16/24 00:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 00:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:08	10/16/24 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:29*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:29*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (10')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-26
Matrix: Solid

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			10/16/24 00:29	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			10/17/24 18:54	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		10/15/24 12:52	10/17/24 18:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 18:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:54*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		9.92		mg/Kg			10/16/24 23:21	1

Client Sample ID: T-2 (11')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-27
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		10/15/24 11:08	10/16/24 00:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 00:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 00:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 00:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 00:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:49*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:49*	*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			10/16/24 00:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/24 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 19:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 19:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (11')

Lab Sample ID: 880-49784-27
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:52	10/17/24 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:12*	*1*
o-Terphenyl	*86*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:12*	*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			10/16/24 23:27	1

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-49784-28
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 01:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:08	10/16/24 01:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:08	10/16/24 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:10*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/16/24 01:10	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			10/17/24 19:28	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	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:28*	*1*
o-Terphenyl	*83*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3090**		50.3		mg/Kg			10/16/24 23:32	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-49784-29
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 01:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:08	10/16/24 01:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:08	10/16/24 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:30*	*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			10/16/24 01:30	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			10/17/24 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:45*	*1*
o-Terphenyl	*86*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3640**		50.0		mg/Kg			10/16/24 23:38	5

Client Sample ID: T-3 (2')

Lab Sample ID: 880-49784-30
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 01:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 01:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 01:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 01:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 01:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:51*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-30
Matrix: Solid

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			10/16/24 01:51	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			10/17/24 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:01*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4060**	**F1**	49.9		mg/Kg			10/16/24 23:43	5

Client Sample ID: T-3 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-31
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		10/15/24 11:08	10/16/24 03:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 03:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 03:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 03:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 03:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:08*	*10/16/24 03:25*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:08*	*10/16/24 03:25*	*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			10/16/24 03:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 20:34	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	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 20:34	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 20:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3')

Lab Sample ID: 880-49784-31
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:34*	*1*
o-Terphenyl	*80*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5680**		99.2		mg/Kg			10/16/24 23:59	10

Client Sample ID: T-3 (4')

Lab Sample ID: 880-49784-32
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 03:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 03:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 03:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 03:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 03:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:08*	*10/16/24 03:46*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 03:46*	*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			10/16/24 03:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 20:49	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		10/15/24 12:52	10/17/24 20:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:49*	*1*
o-Terphenyl	*83*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10000**		202		mg/Kg			10/17/24 00:04	20

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-33
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		10/15/24 11:08	10/16/24 04:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 04:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:06*	*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			10/16/24 04:06	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			10/17/24 21:06	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	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:06*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2780**		49.7		mg/Kg			10/17/24 00:21	5

Client Sample ID: T-3 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-34
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		10/15/24 11:08	10/16/24 04:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 04:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:27*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-34
Matrix: Solid

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			10/16/24 04:27	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			10/17/24 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	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 21:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 21:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:21*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5200**		99.6		mg/Kg			10/17/24 00:26	10

Client Sample ID: T-3 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-35
Matrix: Solid

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		10/15/24 11:08	10/16/24 04:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 04:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 04:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:08	10/16/24 04:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 04:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:08	10/16/24 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:47*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:47*	*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			10/16/24 04:47	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			10/17/24 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 21:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 21:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (7')

Lab Sample ID: 880-49784-35
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:52	10/17/24 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:38*	*1*
o-Terphenyl	*87*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5020**		99.2		mg/Kg			10/17/24 00:31	10

Client Sample ID: T-3 (8')

Lab Sample ID: 880-49784-36
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 05:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 05:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:08*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:08*	*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			10/16/24 05:08	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			10/17/24 21:53	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		10/15/24 12:52	10/17/24 21:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:53*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4990**		100		mg/Kg			10/17/24 00:37	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (9')

Lab Sample ID: 880-49784-37
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 05:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 05:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 05:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:08	10/16/24 05:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 05:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:08	10/16/24 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:28*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:28*	*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			10/16/24 05:28	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			10/17/24 22:09	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	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 22:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 22:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:09*	*1*
o-Terphenyl	*92*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7050**		99.6		mg/Kg			10/17/24 00:42	10

Client Sample ID: T-3 (10')

Lab Sample ID: 880-49784-38
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 05:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 05:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:49*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:49*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (10')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-38
Matrix: Solid

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			10/16/24 05:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 22:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 22:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 22:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:25*	*1*
o-Terphenyl	*83*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6180**		100		mg/Kg			10/17/24 00:48	10

Client Sample ID: T-3 (11')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-39
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		10/15/24 11:08	10/16/24 06:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 06:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 06:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 06:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 06:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 06:09*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 06:09*	*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			10/16/24 06:09	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			10/17/24 22:41	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	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 22:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (11')

Lab Sample ID: 880-49784-39
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:52	10/17/24 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:41*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7460**		101		mg/Kg			10/17/24 00:53	10

Client Sample ID: T-3 (12')

Lab Sample ID: 880-49784-40
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 06:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 06:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 06:30	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:08	10/16/24 06:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 06:30	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:08	10/16/24 06:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 06:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 06:30*	*1*

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			10/16/24 06:30	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			10/17/24 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 22:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 22:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:59*	*1*
o-Terphenyl	*82*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4680**	**F1**	99.2		mg/Kg			10/17/24 07:32	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (13')

Lab Sample ID: 880-49784-41
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 21:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/15/24 21:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/15/24 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:10*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:10*	*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			10/15/24 21:10	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			10/16/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 17:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 17:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/15/24 12:55*	*10/16/24 17:31*	*1*
o-Terphenyl	*122*		*70 - 130*	*10/15/24 12:55*	*10/16/24 17:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5930**		99.6		mg/Kg			10/17/24 07:53	10

Client Sample ID: T-3 (14')

Lab Sample ID: 880-49784-42
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 21:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/15/24 21:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/15/24 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:31*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:31*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (14')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-42
Matrix: Solid

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			10/15/24 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 18:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 18:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 18:17*	*1*
o-Terphenyl	*122*		*70 - 130*	*10/15/24 12:55*	*10/16/24 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4670**		99.2		mg/Kg			10/17/24 07:59	10

Client Sample ID: T-3 (15')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-43
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		10/15/24 11:09	10/15/24 21:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 21:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 21:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/15/24 21:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 21:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/15/24 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:51*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:51*	*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			10/15/24 21:51	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			10/16/24 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 18:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 18:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (15')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-43
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		10/15/24 12:55	10/16/24 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/15/24 12:55*	*10/16/24 18:33*	*1*
o-Terphenyl	*119*		*70 - 130*	*10/15/24 12:55*	*10/16/24 18:33*	*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			10/17/24 08:06	1

Client Sample ID: T-4 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-44
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		10/15/24 11:09	10/15/24 22:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:12	1
Ethylbenzene	**0.00453**		0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:12	1
m-Xylene & p-Xylene	**0.0199**		0.00401		mg/Kg		10/15/24 11:09	10/15/24 22:12	1
o-Xylene	**0.00623**		0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:12	1
Xylenes, Total	**0.0261**		0.00401		mg/Kg		10/15/24 11:09	10/15/24 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:12*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0307**		0.00401		mg/Kg			10/15/24 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:55	10/16/24 18:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:55	10/16/24 18:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:55	10/16/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 18:48*	*1*
o-Terphenyl	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3040**		49.8		mg/Kg			10/17/24 08:13	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1.5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-45
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		10/15/24 11:09	10/15/24 22:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 22:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 22:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/15/24 22:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 22:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/15/24 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:32*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:32*	*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			10/15/24 22:32	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			10/16/24 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 19:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 19:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 19:03*	*1*
o-Terphenyl	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**185**		10.0		mg/Kg			10/17/24 08:34	1

Client Sample ID: T-4 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-46
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		10/15/24 11:09	10/15/24 22:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:09	10/15/24 22:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:09	10/15/24 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:53*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-46
Matrix: Solid

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			10/15/24 22:53	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			10/16/24 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		10/15/24 12:55	10/16/24 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:21*	*1*
o-Terphenyl	*106*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:21*	*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			10/17/24 08:41	1

Client Sample ID: T-4 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-47
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		10/15/24 11:09	10/15/24 23:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:09	10/15/24 23:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:09	10/15/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:13*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/15/24 23:13	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			10/16/24 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		10/15/24 12:55	10/16/24 19:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (3')

Lab Sample ID: 880-49784-47
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:55	10/16/24 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:36*	*1*
o-Terphenyl	*105*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:36*	*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			10/17/24 08:48	1

Client Sample ID: T-4 (4')

Lab Sample ID: 880-49784-48
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 23:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/15/24 23:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/15/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:34*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:34*	*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			10/15/24 23:34	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			10/16/24 19:51	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		10/15/24 12:55	10/16/24 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 19:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:51*	*1*
o-Terphenyl	*116*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:51*	*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			10/17/24 08:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-49784-49
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 23:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/15/24 23:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/15/24 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:55*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:55*	*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			10/15/24 23:55	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			10/16/24 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 20:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 20:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*10/15/24 12:55*	*10/16/24 20:08*	*1*
o-Terphenyl	*117*		*70 - 130*	*10/15/24 12:55*	*10/16/24 20:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3300**		49.8		mg/Kg			10/17/24 09:01	5

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-49784-50
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 00:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 00:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 00:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 00:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 00:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/16/24 00:15*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:09*	*10/16/24 00:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-49784-50
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 00:15	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			10/16/24 20:23	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		10/15/24 12:55	10/16/24 20:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 20:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 20:23*	*1*
o-Terphenyl	*129*		*70 - 130*	*10/15/24 12:55*	*10/16/24 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1220**	**F1**	50.0		mg/Kg			10/17/24 09:08	5

Client Sample ID: T-5 (2')

Lab Sample ID: 880-49784-51
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 01:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 01:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 01:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 01:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 01:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*10/15/24 11:09*	*10/16/24 01:40*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:09*	*10/16/24 01:40*	*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			10/16/24 01:40	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			10/16/24 20:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 20:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 20:55	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-51
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		10/15/24 12:55	10/16/24 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 20:55*	*1*
o-Terphenyl	*129*		*70 - 130*	*10/15/24 12:55*	*10/16/24 20:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1300**		50.2		mg/Kg			10/17/24 09:29	5

Client Sample ID: T-5 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-52
Matrix: Solid

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		10/15/24 11:09	10/16/24 02:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 02:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:00*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:00*	*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			10/16/24 02:00	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			10/16/24 21:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 21:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 21:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:11*	*1*
o-Terphenyl	*113*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2140**		50.4		mg/Kg			10/17/24 09:36	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-53
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		10/15/24 11:09	10/16/24 02:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/16/24 02:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/16/24 02:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/16/24 02:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/16/24 02:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/16/24 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:21*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:21*	*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			10/16/24 02:21	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			10/16/24 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 21:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 21:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:27*	*1*
o-Terphenyl	*115*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2440**		50.3		mg/Kg			10/17/24 09:56	5

Client Sample ID: T-5 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-54
Matrix: Solid

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		10/15/24 11:09	10/16/24 02:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:41	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:09	10/16/24 02:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:41	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:09	10/16/24 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:41*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-54
Matrix: Solid

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			10/16/24 02:41	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			10/16/24 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:43*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4350**		101		mg/Kg			10/17/24 10:03	10

Client Sample ID: T-5 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-55
Matrix: Solid

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		10/15/24 11:09	10/16/24 03:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 03:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 03:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 03:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 03:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:02*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:02*	*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			10/16/24 03:02	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			10/16/24 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (6')

Lab Sample ID: 880-49784-55
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:55	10/16/24 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:59*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3340**		50.1		mg/Kg			10/17/24 10:10	5

Client Sample ID: T-5 (7')

Lab Sample ID: 880-49784-56
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 03:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 03:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 03:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 03:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 03:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:22*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:22*	*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			10/16/24 03:22	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			10/16/24 22:15	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	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:15*	*1*
o-Terphenyl	*116*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2550**		49.8		mg/Kg			10/17/24 10:17	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (8')

Lab Sample ID: 880-49784-57
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 03:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 03:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 03:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:09	10/16/24 03:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 03:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:09	10/16/24 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:43*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:43*	*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			10/16/24 03:43	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			10/16/24 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:30*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3030**		49.6		mg/Kg			10/17/24 10:24	5

Client Sample ID: T-5 (9')

Lab Sample ID: 880-49784-58
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 04:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 04:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 04:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 04:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 04:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:04*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (9')

Lab Sample ID: 880-49784-58
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 04:04	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			10/16/24 22:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 22:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 22:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:47*	*1*
o-Terphenyl	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11400**		202		mg/Kg			10/17/24 10:31	20

Client Sample ID: T-5 (10')

Lab Sample ID: 880-49784-59
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 04:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 04:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 04:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/16/24 04:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 04:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/16/24 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:24*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:24*	*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			10/16/24 04:24	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			10/16/24 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (10')

Lab Sample ID: 880-49784-59
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:55	10/16/24 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:55*	*10/16/24 23:02*	*1*
o-Terphenyl	*118*		*70 - 130*	*10/15/24 12:55*	*10/16/24 23:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5660**		99.4		mg/Kg			10/17/24 10:38	10

Client Sample ID: T-5 (11')

Lab Sample ID: 880-49784-60
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 04:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 04:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 04:45	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:09	10/16/24 04:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 04:45	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:09	10/16/24 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:45*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:45*	*1*

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			10/16/24 04:45	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			10/16/24 23:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/15/24 12:55*	*10/16/24 23:19*	*1*
o-Terphenyl	*113*		*70 - 130*	*10/15/24 12:55*	*10/16/24 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1750**	**F1**	49.7		mg/Kg			10/17/24 01:36	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (12')

Lab Sample ID: 880-49784-61
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/15/24 22:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 22:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 22:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/15/24 22:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 22:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/15/24 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 22:41*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:12*	*10/15/24 22:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 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	<49.8	U	49.8		mg/Kg			10/17/24 17:02	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		10/15/24 12:57	10/17/24 17:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*10/15/24 12:57*	*10/17/24 17:02*	*1*
o-Terphenyl	*111*		*70 - 130*	*10/15/24 12:57*	*10/17/24 17:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1880**		49.6		mg/Kg			10/17/24 01:52	5

Client Sample ID: T-5 (13')

Lab Sample ID: 880-49784-62
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/15/24 23:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 23:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 23:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/15/24 23:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 23:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/15/24 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 23:02*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/15/24 23:02*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (13')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-62
Matrix: Solid

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			10/15/24 23:02	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			10/17/24 17:49	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		10/15/24 12:57	10/17/24 17:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 17:49*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 17:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1990**		49.7		mg/Kg			10/17/24 01:58	5

Client Sample ID: T-5 (14')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-63
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		10/15/24 11:12	10/15/24 23:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/15/24 23:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/15/24 23:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/15/24 23:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/15/24 23:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/15/24 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 23:22*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:12*	*10/15/24 23:22*	*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			10/15/24 23:22	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			10/17/24 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	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 18:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 18:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (14')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-63

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		10/15/24 12:57	10/17/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 18:05*	*1*
o-Terphenyl	*127*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:05*	*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			10/17/24 02:03	1

Client Sample ID: T-6 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-64

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		10/15/24 11:12	10/15/24 23:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 23:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 23:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/15/24 23:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 23:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/15/24 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 23:42*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:12*	*10/15/24 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			10/15/24 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	<50.0	U	50.0		mg/Kg			10/17/24 18:21	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		10/15/24 12:57	10/17/24 18:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 18:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 18:21*	*1*
o-Terphenyl	*125*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**615**		10.0		mg/Kg			10/17/24 02:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-49784-65
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 00:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 00:03*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:12*	*10/16/24 00:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/16/24 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	<49.7	U	49.7		mg/Kg			10/17/24 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:38*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		10.0		mg/Kg			10/17/24 02:25	1

Client Sample ID: T-6 (2')

Lab Sample ID: 880-49784-66
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 00:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:12	10/16/24 00:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:12	10/16/24 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 00:23*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 00:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-66
Matrix: Solid

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			10/16/24 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	<49.7	U	49.7		mg/Kg			10/17/24 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:54	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 18:54*	*1*
o-Terphenyl	*129*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1890**		50.2		mg/Kg			10/17/24 02:30	5

Client Sample ID: T-6 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-67
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		10/15/24 11:12	10/16/24 00:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:12	10/16/24 00:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:12	10/16/24 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 00:44*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 00:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/16/24 00:44	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			10/17/24 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-67
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		10/15/24 12:57	10/17/24 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:12*	*1*
o-Terphenyl	*118*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2920**		50.4		mg/Kg			10/17/24 02:35	5

Client Sample ID: T-6 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-68
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		10/15/24 11:12	10/16/24 01:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 01:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 01:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 01:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 01:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 01:04*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 01:04*	*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			10/16/24 01:04	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			10/17/24 19:28	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	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:28*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5630**		101		mg/Kg			10/17/24 02:41	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (5')

Lab Sample ID: 880-49784-69
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 01:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 01:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 01:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 01:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 01:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 01:25*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 01:25*	*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			10/16/24 01:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 19:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:45*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3620**		49.6		mg/Kg			10/17/24 02:46	5

Client Sample ID: T-6 (6')

Lab Sample ID: 880-49784-70
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 01:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 01:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 01:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:12	10/16/24 01:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 01:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:12	10/16/24 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 01:45*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 01:45*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (6')

Lab Sample ID: 880-49784-70
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 01:45	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			10/17/24 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 20:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 20:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 20:01*	*1*
o-Terphenyl	*126*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3910**	**F1**	99.6		mg/Kg			10/17/24 02:52	10

Client Sample ID: T-6 (7')

Lab Sample ID: 880-49784-71
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 03:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 03:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 03:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/16/24 03:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 03:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/16/24 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 03:19*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:12*	*10/16/24 03:19*	*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			10/16/24 03:19	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			10/17/24 20:34	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		10/15/24 12:57	10/17/24 20:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (7')

Lab Sample ID: 880-49784-71
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:57	10/17/24 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:34*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3080**		50.0		mg/Kg			10/17/24 03:08	5

Client Sample ID: T-6 (8')

Lab Sample ID: 880-49784-72
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 03:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 03:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 03:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:12	10/16/24 03:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 03:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:12	10/16/24 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 03:40*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 03:40*	*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			10/16/24 03:40	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			10/17/24 20:49	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		10/15/24 12:57	10/17/24 20:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:49*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**310**		10.0		mg/Kg			10/17/24 03:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (9')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-73
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		10/15/24 11:12	10/16/24 04:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:12	10/16/24 04:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:12	10/16/24 04:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/15/24 11:12	10/16/24 04:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:12	10/16/24 04:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/24 11:12	10/16/24 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 04:00*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 04:00*	*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			10/16/24 04:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 21:06	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	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 21:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 21:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 21:06*	*1*
o-Terphenyl	*126*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:06*	*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			10/17/24 03:30	1

Client Sample ID: T-7 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-74
Matrix: Solid

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		10/15/24 11:12	10/16/24 04:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 04:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 04:21	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:12	10/16/24 04:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 04:21	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:12	10/16/24 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 04:21*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 04:21*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-74
Matrix: Solid

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			10/16/24 04:21	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			10/17/24 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	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*159*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 21:21*	*1*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 21:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**433**		10.1		mg/Kg			10/17/24 03:35	1

Client Sample ID: T-7 (1.5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-75
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		10/15/24 11:12	10/16/24 04:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 04:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 04:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 04:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 04:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 04:41*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 04:41*	*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			10/16/24 04:41	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			10/17/24 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-49784-75
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 12:57	10/17/24 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:38*	*1*
o-Terphenyl	*107*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2250**		50.0		mg/Kg			10/17/24 03:40	5

Client Sample ID: T-7 (2')

Lab Sample ID: 880-49784-76
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 05:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 05:01*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 05:01*	*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			10/16/24 05:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 21:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/15/24 12:57	10/17/24 21:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:53*	*1*
o-Terphenyl	*117*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2700**		50.2		mg/Kg			10/17/24 03:46	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (3')

Lab Sample ID: 880-49784-77
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 05:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 05:22*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 05:22*	*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			10/16/24 05:22	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			10/17/24 22:09	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		10/15/24 12:57	10/17/24 22:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 22:09*	*1*
o-Terphenyl	*121*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2960**		50.5		mg/Kg			10/17/24 03:51	5

Client Sample ID: T-7 (4')

Lab Sample ID: 880-49784-78
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 05:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 05:42*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 05:42*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-78
Matrix: Solid

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			10/16/24 05:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 22:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 22:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 22:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:25*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4700**		99.6		mg/Kg			10/17/24 03:57	10

Client Sample ID: T-7 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-79
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		10/15/24 11:12	10/16/24 06:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 06:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 06:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 06:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 06:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 06:03*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 06:03*	*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			10/16/24 06:03	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			10/17/24 22:41	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	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-79
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		10/15/24 12:57	10/17/24 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 22:41*	*1*
o-Terphenyl	*124*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6750**		99.2		mg/Kg			10/17/24 04:02	10

Client Sample ID: T-7 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-80
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		10/15/24 11:12	10/16/24 06:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 06:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 06:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/16/24 06:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 06:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/16/24 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 06:23*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 06:23*	*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			10/16/24 06:23	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			10/17/24 22:59	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	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 22:59*	*1*
o-Terphenyl	*123*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5760**	**F1**	100		mg/Kg			10/19/24 15:59	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (7')

Lab Sample ID: 880-49784-81
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 11:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:15	10/16/24 11:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:15	10/16/24 11:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/15/24 11:15	10/16/24 11:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:15	10/16/24 11:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/24 11:15	10/16/24 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:14*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:14*	*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			10/16/24 11:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 19:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 19:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*10/15/24 13:00*	*10/16/24 19:23*	*1*
o-Terphenyl	*99*		*70 - 130*	*10/15/24 13:00*	*10/16/24 19:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**462**		10.1		mg/Kg			10/19/24 16:20	1

Client Sample ID: T-7 (8')

Lab Sample ID: 880-49784-82
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 11:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 11:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 11:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 11:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 11:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:34*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-82
Matrix: Solid

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			10/16/24 11:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/16/24 20:08	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	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:08	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:08	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:08*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:08*	*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			10/19/24 16:27	1

Client Sample ID: T-8 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-83
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		10/15/24 11:15	10/16/24 11:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 11:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 11:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:15	10/16/24 11:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 11:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:15	10/16/24 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:54*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:54*	*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			10/16/24 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 20:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-49784-83
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 13:00	10/16/24 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:23*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**281**		9.92		mg/Kg			10/19/24 16:34	1

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-49784-84
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:15	10/16/24 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:15	10/16/24 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:15*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:15*	*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			10/16/24 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/16/24 20:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:38	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:38	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:38*	*1*
o-Terphenyl	*94*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1390**		10.1		mg/Kg			10/19/24 16:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (2')

Lab Sample ID: 880-49784-85
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 12:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 12:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 12:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 12:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 12:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:35*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:35*	*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			10/16/24 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 20:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 20:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:53*	*1*
o-Terphenyl	*99*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2800**		50.2		mg/Kg			10/19/24 17:01	5

Client Sample ID: T-8 (3')

Lab Sample ID: 880-49784-86
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:15	10/16/24 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:15	10/16/24 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:56*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-86
Matrix: Solid

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			10/16/24 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 21:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:08*	*1*
o-Terphenyl	*98*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4410**		101		mg/Kg			10/19/24 17:08	10

Client Sample ID: T-8 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-87
Matrix: Solid

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		10/15/24 11:15	10/16/24 13:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:15	10/16/24 13:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:15	10/16/24 13:16	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:15	10/16/24 13:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:15	10/16/24 13:16	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:15	10/16/24 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:16*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:16*	*1*

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			10/16/24 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-87
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)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:23*	*1*
o-Terphenyl	*92*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5830**		101		mg/Kg			10/19/24 17:15	10

Client Sample ID: T-8 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-88
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		10/15/24 11:15	10/16/24 13:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:15	10/16/24 13:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:15	10/16/24 13:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:15	10/16/24 13:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:15	10/16/24 13:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:15	10/16/24 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:37*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:37*	*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			10/16/24 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 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	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:37*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5100**		101		mg/Kg			10/19/24 17:22	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (6')

Lab Sample ID: 880-49784-89
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 13:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 13:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 13:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:15	10/16/24 13:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 13:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:15	10/16/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:57*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:57*	*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			10/16/24 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 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		10/15/24 13:00	10/16/24 21:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 13:00	10/16/24 21:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 13:00	10/16/24 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:52*	*1*
o-Terphenyl	*91*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2390**		49.8		mg/Kg			10/19/24 17:29	5

Client Sample ID: T-8 (7')

Lab Sample ID: 880-49784-90
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 14:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*10/15/24 11:15*	*10/16/24 14:17*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:15*	*10/16/24 14:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (7')

Lab Sample ID: 880-49784-90
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 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		10/15/24 13:00	10/16/24 22:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*10/15/24 13:00*	*10/16/24 22:07*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 13:00*	*10/16/24 22:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.0**	**F1**	10.0		mg/Kg			10/19/24 17:36	1

Client Sample ID: T-8 (8')

Lab Sample ID: 880-49784-91
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 15:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 15:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 15:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 15:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 15:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:15*	*10/16/24 15:41*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:15*	*10/16/24 15:41*	*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			10/16/24 15:41	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			10/16/24 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	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (8')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-91
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		10/15/24 13:00	10/16/24 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*10/15/24 13:00*	*10/16/24 22:36*	*1*
o-Terphenyl	*99*		*70 - 130*	*10/15/24 13:00*	*10/16/24 22:36*	*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			10/19/24 17:57	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-49784-1	T-1 (0-1')	97	102										
880-49784-1 MS	T-1 (0-1')	116	101										
880-49784-1 MSD	T-1 (0-1')	112	108										
880-49784-2	T-1 (1.5')	107	109										
880-49784-3	T-1 (2')	117	105										
880-49784-4	T-1 (3')	117	107										
880-49784-5	T-1 (4')	119	106										
880-49784-6	T-1 (5')	123	114										
880-49784-7	T-1 (6')	123	116										
880-49784-8	T-1 (7')	134 S1+	122										
880-49784-9	T-1 (8')	130	120										
880-49784-10	T-1 (9')	123	114										
880-49784-11	T-1 (10')	90	105										
880-49784-12	T-1 (11')	112	113										
880-49784-13	T-1 (12')	114	109										
880-49784-14	T-1 (13')	110	110										
880-49784-15	T-1 (14')	123	112										
880-49784-16	T-2 (0-1')	122	116										
880-49784-17	T-2 (1.5')	123	114										
880-49784-18	T-2 (2')	115	106										
880-49784-19	T-2 (3')	119	111										
880-49784-20	T-2 (4')	107	110										
880-49784-21	T-2 (5')	103	99										
880-49784-21 MS	T-2 (5')	108	102										
880-49784-21 MSD	T-2 (5')	107	102										
880-49784-22	T-2 (6')	104	100										
880-49784-23	T-2 (7')	105	101										
880-49784-24	T-2 (8')	100	101										
880-49784-25	T-2 (9')	104	100										
880-49784-26	T-2 (10')	103	100										
880-49784-27	T-2 (11')	102	100										
880-49784-28	T-3 (0-1')	112	99										
880-49784-29	T-3 (1.5')	102	99										
880-49784-30	T-3 (2')	102	99										
880-49784-31	T-3 (3')	101	98										
880-49784-32	T-3 (4')	104	100										
880-49784-33	T-3 (5')	103	100										
880-49784-34	T-3 (6')	105	100										
880-49784-35	T-3 (7')	102	99										
880-49784-36	T-3 (8')	105	99										
880-49784-37	T-3 (9')	102	100										
880-49784-38	T-3 (10')	98	99										
880-49784-39	T-3 (11')	99	100										
880-49784-40	T-3 (12')	102	99										
880-49784-41	T-3 (13')	91	89										
880-49784-41 MS	T-3 (13')	116	112										
880-49784-41 MSD	T-3 (13')	114	111										
880-49784-42	T-3 (14')	92	90										
880-49784-43	T-3 (15')	98	94										

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
SDG: Lea County, New Mexico

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)								
880-49784-44	T-4 (0-1')	86	94								
880-49784-45	T-4 (1.5')	95	88								
880-49784-46	T-4 (2')	92	89								
880-49784-47	T-4 (3')	93	96								
880-49784-48	T-4 (4')	93	92								
880-49784-49	T-5 (0-1')	89	99								
880-49784-50	T-5 (1.5')	90	101								
880-49784-51	T-5 (2')	86	97								
880-49784-52	T-5 (3')	89	97								
880-49784-53	T-5 (4')	90	93								
880-49784-54	T-5 (5')	90	100								
880-49784-55	T-5 (6')	88	97								
880-49784-56	T-5 (7')	89	96								
880-49784-57	T-5 (8')	90	100								
880-49784-58	T-5 (9')	95	94								
880-49784-59	T-5 (10')	91	99								
880-49784-60	T-5 (11')	87	98								
880-49784-61	T-5 (12')	146 S1+	90								
880-49784-61 MS	T-5 (12')	135 S1+	89								
880-49784-61 MSD	T-5 (12')	135 S1+	89								
880-49784-62	T-5 (13')	141 S1+	88								
880-49784-63	T-5 (14')	145 S1+	89								
880-49784-64	T-6 (0-1')	144 S1+	89								
880-49784-65	T-6 (1.5')	145 S1+	89								
880-49784-66	T-6 (2')	141 S1+	88								
880-49784-67	T-6 (3')	146 S1+	87								
880-49784-68	T-6 (4')	146 S1+	88								
880-49784-69	T-6 (5')	145 S1+	88								
880-49784-70	T-6 (6')	147 S1+	88								
880-49784-71	T-6 (7')	157 S1+	89								
880-49784-72	T-6 (8')	147 S1+	88								
880-49784-73	T-6 (9')	149 S1+	88								
880-49784-74	T-7 (0-1')	149 S1+	87								
880-49784-75	T-7 (1.5')	150 S1+	88								
880-49784-76	T-7 (2')	149 S1+	87								
880-49784-77	T-7 (3')	151 S1+	87								
880-49784-78	T-7 (4')	150 S1+	87								
880-49784-79	T-7 (5')	150 S1+	87								
880-49784-80	T-7 (6')	149 S1+	87								
880-49784-81	T-7 (7')	115	100								
880-49784-81 MS	T-7 (7')	101	101								
880-49784-81 MSD	T-7 (7')	112	102								
880-49784-82	T-7 (8')	106	104								
880-49784-83	T-8 (0-1')	109	100								
880-49784-84	T-8 (1.5')	104	101								
880-49784-85	T-8 (2')	109	100								
880-49784-86	T-8 (3')	106	101								
880-49784-87	T-8 (4')	112	98								
880-49784-88	T-8 (5')	104	102								
880-49784-89	T-8 (6')	110	101								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
SDG: Lea County, New Mexico

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-49784-90	T-8 (7')	113	100
880-49784-91	T-8 (8')	110	102
LCS 880-93340/1-A	Lab Control Sample	107	104
LCS 880-93342/1-A	Lab Control Sample	111	111
LCS 880-93343/1-A	Lab Control Sample	134 S1+	89
LCS 880-93344/1-A	Lab Control Sample	106	102
LCSD 880-93340/2-A	Lab Control Sample Dup	99	97
LCSD 880-93342/2-A	Lab Control Sample Dup	105	107
LCSD 880-93343/2-A	Lab Control Sample Dup	134 S1+	89
LCSD 880-93344/2-A	Lab Control Sample Dup	101	103
MB 880-93307/8	Method Blank	83	96
MB 880-93310/5-A	Method Blank	128	90
MB 880-93311/5-A	Method Blank	160 S1+	106
MB 880-93340/5-A	Method Blank	186 S1+	124
MB 880-93342/5-A	Method Blank	86	94
MB 880-93343/5-A	Method Blank	134 S1+	86
MB 880-93344/5-A	Method Blank	106	97

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)	
		BFB2	DFBZ2
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
LCS 880-93341/1-A	Lab Control Sample	105	102
LCSD 880-93341/2-A	Lab Control Sample Dup	107	100
MB 880-93309/5-A	Method Blank	95	95
MB 880-93341/5-A	Method Blank	94	95

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-49784-1	T-1 (0-1')	111	90
880-49784-1 MS	T-1 (0-1')	100	87
880-49784-1 MSD	T-1 (0-1')	122	86
880-49784-2	T-1 (1.5')	110	86
880-49784-3	T-1 (2')	105	84
880-49784-4	T-1 (3')	115	93
880-49784-5	T-1 (4')	117	94
880-49784-6	T-1 (5')	112	89
880-49784-7	T-1 (6')	112	88

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
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)								
880-49784-8	T-1 (7')	113	89								
880-49784-9	T-1 (8')	113	90								
880-49784-10	T-1 (9')	109	85								
880-49784-11	T-1 (10')	110	86								
880-49784-12	T-1 (11')	112	90								
880-49784-13	T-1 (12')	114	90								
880-49784-14	T-1 (13')	124	97								
880-49784-15	T-1 (14')	115	89								
880-49784-16	T-2 (0-1')	52 S1-	47 S1-								
880-49784-17	T-2 (1.5')	115	89								
880-49784-18	T-2 (2')	107	88								
880-49784-19	T-2 (3')	107	84								
880-49784-20	T-2 (4')	104	112								
880-49784-21	T-2 (5')	120	97								
880-49784-21 MS	T-2 (5')	115	101								
880-49784-21 MSD	T-2 (5')	114	101								
880-49784-22	T-2 (6')	119	91								
880-49784-23	T-2 (7')	130	103								
880-49784-24	T-2 (8')	120	96								
880-49784-25	T-2 (9')	106	84								
880-49784-26	T-2 (10')	122	95								
880-49784-27	T-2 (11')	111	86								
880-49784-28	T-3 (0-1')	106	83								
880-49784-29	T-3 (1.5')	110	86								
880-49784-30	T-3 (2')	112	88								
880-49784-31	T-3 (3')	104	80								
880-49784-32	T-3 (4')	105	83								
880-49784-33	T-3 (5')	114	88								
880-49784-34	T-3 (6')	114	88								
880-49784-35	T-3 (7')	113	87								
880-49784-36	T-3 (8')	119	93								
880-49784-37	T-3 (9')	118	92								
880-49784-38	T-3 (10')	107	83								
880-49784-39	T-3 (11')	107	84								
880-49784-40	T-3 (12')	104	82								
880-49784-41	T-3 (13')	130	122								
880-49784-41 MS	T-3 (13')	120	119								
880-49784-41 MSD	T-3 (13')	120	118								
880-49784-42	T-3 (14')	132 S1+	122								
880-49784-43	T-3 (15')	130	119								
880-49784-44	T-4 (0-1')	132 S1+	120								
880-49784-45	T-4 (1.5')	131 S1+	120								
880-49784-46	T-4 (2')	120	106								
880-49784-47	T-4 (3')	120	105								
880-49784-48	T-4 (4')	128	116								
880-49784-49	T-5 (0-1')	127	117								
880-49784-50	T-5 (1.5')	141 S1+	129								
880-49784-51	T-5 (2')	142 S1+	129								
880-49784-52	T-5 (3')	124	113								
880-49784-53	T-5 (4')	126	115								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
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)								
880-49784-54	T-5 (5')	121	112								
880-49784-55	T-5 (6')	123	112								
880-49784-56	T-5 (7')	128	116								
880-49784-57	T-5 (8')	117	108								
880-49784-58	T-5 (9')	130	120								
880-49784-59	T-5 (10')	128	118								
880-49784-60	T-5 (11')	123	113								
880-49784-61	T-5 (12')	118	111								
880-49784-61 MS	T-5 (12')	132 S1+	133 S1+								
880-49784-61 MSD	T-5 (12')	130	132 S1+								
880-49784-62	T-5 (13')	143 S1+	134 S1+								
880-49784-63	T-5 (14')	139 S1+	127								
880-49784-64	T-6 (0-1')	135 S1+	125								
880-49784-65	T-6 (1.5')	122	114								
880-49784-66	T-6 (2')	140 S1+	129								
880-49784-67	T-6 (3')	128	118								
880-49784-68	T-6 (4')	120	114								
880-49784-69	T-6 (5')	121	114								
880-49784-70	T-6 (6')	134 S1+	126								
880-49784-71	T-6 (7')	122	114								
880-49784-72	T-6 (8')	125	114								
880-49784-73	T-6 (9')	139 S1+	126								
880-49784-74	T-7 (0-1')	159 S1+	142 S1+								
880-49784-75	T-7 (1.5')	117	107								
880-49784-76	T-7 (2')	127	117								
880-49784-77	T-7 (3')	131 S1+	121								
880-49784-78	T-7 (4')	123	114								
880-49784-79	T-7 (5')	133 S1+	124								
880-49784-80	T-7 (6')	133 S1+	123								
880-49784-81	T-7 (7')	102	99								
880-49784-81 MS	T-7 (7')	102	91								
880-49784-81 MSD	T-7 (7')	103	91								
880-49784-82	T-7 (8')	97	93								
880-49784-83	T-8 (0-1')	98	93								
880-49784-84	T-8 (1.5')	99	94								
880-49784-85	T-8 (2')	101	99								
880-49784-86	T-8 (3')	100	98								
880-49784-87	T-8 (4')	94	92								
880-49784-88	T-8 (5')	96	95								
880-49784-89	T-8 (6')	92	91								
880-49784-90	T-8 (7')	95	93								
880-49784-91	T-8 (8')	102	99								
LCS 880-93361/2-A	Lab Control Sample	79	109								
LCS 880-93362/2-A	Lab Control Sample	86	117								
LCS 880-93363/2-A	Lab Control Sample	98	149 S1+								
LCS 880-93364/2-A	Lab Control Sample	112	172 S1+								
LCS 880-93365/2-A	Lab Control Sample	130	117								
LCSD 880-93361/3-A	Lab Control Sample Dup	85	115								
LCSD 880-93362/3-A	Lab Control Sample Dup	94	129								
LCSD 880-93363/3-A	Lab Control Sample Dup	110	168 S1+								

Surrogate Summary

Client: Carmona Resources Job ID: 880-49784-1
Project/Site: NGL-Tie In 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)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
LCSD 880-93364/3-A	Lab Control Sample Dup	103	158 S1+										
LCSD 880-93365/3-A	Lab Control Sample Dup	128	115										
MB 880-93361/1-A	Method Blank	110	93										
MB 880-93362/1-A	Method Blank	102	84										
MB 880-93363/1-A	Method Blank	128	124										
MB 880-93364/1-A	Method Blank	107	100										
MB 880-93365/1-A	Method Blank	82	158 S1+										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-93307/8
Matrix: Solid
Analysis Batch: 93307

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			10/15/24 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg			10/15/24 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			10/15/24 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			10/15/24 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			10/15/24 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			10/15/24 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*10/15/24 12:10*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*		*10/15/24 12:10*	*1*

Lab Sample ID: MB 880-93309/5-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:26	10/15/24 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 08:26*	*10/15/24 11:24*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 08:26*	*10/15/24 11:24*	*1*

Lab Sample ID: MB 880-93310/5-A
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93310

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:28	10/15/24 11:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*10/15/24 08:28*	*10/15/24 11:22*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 08:28*	*10/15/24 11:22*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-93311/5-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:30	10/15/24 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*70 - 130*	*10/15/24 08:30*	*10/15/24 11:46*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 08:30*	*10/15/24 11:46*	*1*

Lab Sample ID: MB 880-93340/5-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93340

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:02	10/15/24 23:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*186*	*S1+*	*70 - 130*	*10/15/24 11:02*	*10/15/24 23:24*	*1*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*10/15/24 11:02*	*10/15/24 23:24*	*1*

Lab Sample ID: LCS 880-93340/1-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93340

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09536		mg/Kg		95	70 - 130		
Toluene			0.100	0.08514		mg/Kg		85	70 - 130		
Ethylbenzene			0.100	0.1059		mg/Kg		106	70 - 130		
m-Xylene & p-Xylene			0.200	0.2164		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1058		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-93340/2-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93340

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09377		mg/Kg		94	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-93340/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93308 — **Prep Batch: 93340**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09235		mg/Kg		92	70 - 130	8	35
Ethylbenzene			0.100	0.09655		mg/Kg		97	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.2016		mg/Kg		101	70 - 130	7	35
o-Xylene			0.100	0.1061		mg/Kg		106	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-49784-1 MS — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93308 — **Prep Batch: 93340**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.09606		mg/Kg		96	70 - 130
Toluene	<0.00202	U	0.100	0.08899		mg/Kg		89	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2045		mg/Kg		102	70 - 130
o-Xylene	<0.00202	U	0.100	0.1063		mg/Kg		106	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-49784-1 MSD — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93308 — **Prep Batch: 93340**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.1013		mg/Kg		101	70 - 130	5	35
Toluene	<0.00202	U	0.100	0.09140		mg/Kg		91	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.100	0.09662		mg/Kg		97	70 - 130	8	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2073		mg/Kg		104	70 - 130	1	35
o-Xylene	<0.00202	U	0.100	0.1203		mg/Kg		120	70 - 130	12	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-93341/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93305 — **Prep Batch: 93341**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 22:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 22:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 22:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:08	10/15/24 22:24	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-93341/5-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 22:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:08	10/15/24 22:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*10/15/24 11:08*	*10/15/24 22:24*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 11:08*	*10/15/24 22:24*	*1*

Lab Sample ID: LCS 880-93341/1-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08827		mg/Kg		88	70 - 130
Toluene	0.100	0.08671		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09470		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1755		mg/Kg		88	70 - 130
o-Xylene	0.100	0.09790		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-93341/2-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93341

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09202		mg/Kg		92	70 - 130	4	35
Toluene	0.100	0.09086		mg/Kg		91	70 - 130	5	35
Ethylbenzene	0.100	0.09930		mg/Kg		99	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1856		mg/Kg		93	70 - 130	6	35
o-Xylene	0.100	0.1030		mg/Kg		103	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-49784-21 MS
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.08908		mg/Kg		89	70 - 130
Toluene	<0.00202	U	0.100	0.08807		mg/Kg		88	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.09597		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1766		mg/Kg		88	70 - 130
o-Xylene	<0.00202	U	0.100	0.09797		mg/Kg		98	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-49784-21 MS
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93341

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-49784-21 MSD
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93341

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09038		mg/Kg		90	70 - 130	1	35
Toluene	<0.00202	U	0.100	0.08954		mg/Kg		90	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.09751		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1808		mg/Kg		90	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.09927		mg/Kg		99	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-93342/5-A
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:09	10/15/24 20:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	10/15/24 11:09	10/15/24 20:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/15/24 11:09	10/15/24 20:48	1

Lab Sample ID: LCS 880-93342/1-A
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09570		mg/Kg		96	70 - 130
Toluene	0.100	0.08391		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2040		mg/Kg		102	70 - 130
o-Xylene	0.100	0.09916		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-93342/1-A
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93342

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-93342/2-A
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93342

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1041		mg/Kg		104	70 - 130	8	35
Toluene			0.100	0.09978		mg/Kg		100	70 - 130	17	35
Ethylbenzene			0.100	0.1097		mg/Kg		110	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.2033		mg/Kg		102	70 - 130	0	35
o-Xylene			0.100	0.1002		mg/Kg		100	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-49784-41 MS
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: T-3 (13')
Prep Type: Total/NA
Prep Batch: 93342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.09263		mg/Kg		93	70 - 130		
Toluene	<0.00201	U	0.100	0.08185		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.08979		mg/Kg		90	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2060		mg/Kg		103	70 - 130		
o-Xylene	<0.00201	U	0.100	0.1015		mg/Kg		101	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-49784-41 MSD
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: T-3 (13')
Prep Type: Total/NA
Prep Batch: 93342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09371		mg/Kg		94	70 - 130	1	35
Toluene	<0.00201	U	0.100	0.08121		mg/Kg		81	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.08255		mg/Kg		83	70 - 130	8	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1920		mg/Kg		96	70 - 130	7	35
o-Xylene	<0.00201	U	0.100	0.09350		mg/Kg		94	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-93343/5-A
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:12	10/15/24 22:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 22:20*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/15/24 11:12*	*10/15/24 22:20*	*1*

Lab Sample ID: LCS 880-93343/1-A
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93343

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1156		mg/Kg		116	70 - 130		
Toluene			0.100	0.1093		mg/Kg		109	70 - 130		
Ethylbenzene			0.100	0.1110		mg/Kg		111	70 - 130		
m-Xylene & p-Xylene			0.200	0.2157		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: LCSD 880-93343/2-A
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93343

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1162		mg/Kg		116	70 - 130	1	35
Toluene			0.100	0.1103		mg/Kg		110	70 - 130	1	35
Ethylbenzene			0.100	0.1120		mg/Kg		112	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2181		mg/Kg		109	70 - 130	1	35
o-Xylene			0.100	0.1129		mg/Kg		113	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 880-49784-61 MS
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: T-5 (12')
Prep Type: Total/NA
Prep Batch: 93343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.1134		mg/Kg		113	70 - 130		
Toluene	<0.00201	U	0.100	0.1085		mg/Kg		108	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-49784-61 MS
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: T-5 (12')
Prep Type: Total/NA
Prep Batch: 93343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1111		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2157		mg/Kg		108	70 - 130
o-Xylene	<0.00201	U	0.100	0.1102		mg/Kg		110	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 880-49784-61 MSD
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: T-5 (12')
Prep Type: Total/NA
Prep Batch: 93343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1151		mg/Kg		115	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.1086		mg/Kg		109	70 - 130	0	35
Ethylbenzene	<0.00201	U	0.100	0.1108		mg/Kg		111	70 - 130	0	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2143		mg/Kg		107	70 - 130	1	35
o-Xylene	<0.00201	U	0.100	0.1096		mg/Kg		110	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: MB 880-93344/5-A
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:15	10/16/24 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:15*	*10/16/24 10:52*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:15*	*10/16/24 10:52*	*1*

Lab Sample ID: LCS 880-93344/1-A
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08072		mg/Kg		81	70 - 130
Toluene	0.100	0.07690		mg/Kg		77	70 - 130
Ethylbenzene	0.100	0.07576		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1594		mg/Kg		80	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-93344/1-A
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93344

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.08301		mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-93344/2-A
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93344

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08785		mg/Kg		88	70 - 130	8	35
Toluene			0.100	0.08379		mg/Kg		84	70 - 130	9	35
Ethylbenzene			0.100	0.08283		mg/Kg		83	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.1743		mg/Kg		87	70 - 130	9	35
o-Xylene			0.100	0.08973		mg/Kg		90	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-49784-81 MS
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.100	0.08271		mg/Kg		83	70 - 130		
Toluene	<0.00202	U	0.100	0.07713		mg/Kg		77	70 - 130		
Ethylbenzene	<0.00202	U	0.100	0.07641		mg/Kg		76	70 - 130		
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1620		mg/Kg		81	70 - 130		
o-Xylene	<0.00202	U	0.100	0.08220		mg/Kg		82	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-49784-81 MSD
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08348		mg/Kg		83	70 - 130	1	35
Toluene	<0.00202	U	0.100	0.07831		mg/Kg		78	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.07817		mg/Kg		78	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1659		mg/Kg		83	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.08411		mg/Kg		84	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-49784-81 MSD
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93344

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-93361/1-A
Matrix: Solid
Analysis Batch: 93454

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 08:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 08:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 08:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	10/15/24 12:49	10/16/24 08:11	1
o-Terphenyl	93		70 - 130	10/15/24 12:49	10/16/24 08:11	1

Lab Sample ID: LCS 880-93361/2-A
Matrix: Solid
Analysis Batch: 93454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93361

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	757.6		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	849.4		mg/Kg		85	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-93361/3-A
Matrix: Solid
Analysis Batch: 93454

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93361

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	817.3		mg/Kg		82	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	903.9		mg/Kg		90	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	115		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-49784-1 MS
Matrix: Solid
Analysis Batch: 93454

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 93361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	883.9		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	119	F1	998	783.4	F1	mg/Kg		67	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Lab Sample ID: 880-49784-1 MSD
Matrix: Solid
Analysis Batch: 93454

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 93361

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	880.3		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	119	F1	998	707.1	F1	mg/Kg		59	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*122*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: MB 880-93362/1-A
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93362

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 09:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 09:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 09:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*10/15/24 12:52*	*10/17/24 09:51*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:52*	*10/17/24 09:51*	*1*

Lab Sample ID: LCS 880-93362/2-A
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	817.1		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	939.5		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-93362/2-A
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93362

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: LCSD 880-93362/3-A
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93362

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	891.5		mg/Kg		89	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	129		70 - 130

Lab Sample ID: 880-49784-21 MS
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	914.6		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	751.4		mg/Kg		72	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-49784-21 MSD
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93362

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	892.3		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	761.1		mg/Kg		73	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	101		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-93363/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93456 — **Prep Batch: 93363**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 08:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 08:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 08:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:55*	*10/16/24 08:11*	*1*
o-Terphenyl	*124*		*70 - 130*	*10/15/24 12:55*	*10/16/24 08:11*	*1*

Lab Sample ID: LCS 880-93363/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93456 — **Prep Batch: 93363**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	896.7		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1168		mg/Kg		117	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*149*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-93363/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93456 — **Prep Batch: 93363**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1286		mg/Kg		129	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*168*	*S1+*	*70 - 130*

Lab Sample ID: 880-49784-41 MS — **Client Sample ID: T-3 (13')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93456 — **Prep Batch: 93363**

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	931.3		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	884.2		mg/Kg		89	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-49784-41 MS
Matrix: Solid
Analysis Batch: 93456

Client Sample ID: T-3 (13')
Prep Type: Total/NA
Prep Batch: 93363

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-49784-41 MSD
Matrix: Solid
Analysis Batch: 93456

Client Sample ID: T-3 (13')
Prep Type: Total/NA
Prep Batch: 93363

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	925.1		mg/Kg		93	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	834.9		mg/Kg		84	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: MB 880-93364/1-A
Matrix: Solid
Analysis Batch: 93583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93364

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 09:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 09:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 09:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	10/15/24 12:57	10/17/24 09:51	1
o-Terphenyl	100		70 - 130	10/15/24 12:57	10/17/24 09:51	1

Lab Sample ID: LCS 880-93364/2-A
Matrix: Solid
Analysis Batch: 93583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93364

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1011		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1316	*+	mg/Kg		132	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	172	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-93364/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93583 — **Prep Batch: 93364**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	950.6		mg/Kg		95	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	1190		mg/Kg		119	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*158*	*S1+*	*70 - 130*

Lab Sample ID: 880-49784-61 MS — **Client Sample ID: T-5 (12')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93583 — **Prep Batch: 93364**

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	1026		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U *+	999	996.2		mg/Kg		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*132*	*S1+*	*70 - 130*
o-Terphenyl	*133*	*S1+*	*70 - 130*

Lab Sample ID: 880-49784-61 MSD — **Client Sample ID: T-5 (12')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93583 — **Prep Batch: 93364**

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	1044		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U *+	999	1011		mg/Kg		101	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*130*		*70 - 130*
o-Terphenyl	*132*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-93365/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93440 — **Prep Batch: 93365**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 18:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 18:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 18:39	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-93365/1-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93365

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	10/15/24 13:00	10/16/24 18:39	1
o-Terphenyl	158	S1+	70 - 130	10/15/24 13:00	10/16/24 18:39	1

Lab Sample ID: LCS 880-93365/2-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93365

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1083		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1072		mg/Kg		107	70 - 130		

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

Lab Sample ID: LCSD 880-93365/3-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93365

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1056		mg/Kg		106	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	983.8		mg/Kg		98	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-49784-81 MS
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93365

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	784.9		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	999	742.1		mg/Kg		74	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	91		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-49784-81 MSD — **Client Sample ID: T-7 (7')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93440 — **Prep Batch: 93365**

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	787.2		mg/Kg		79	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	755.3		mg/Kg		76	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-93351/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93372

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/16/24 00:14	1

Lab Sample ID: LCS 880-93351/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93372

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-93351/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93372

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.1		mg/Kg		94	90 - 110	2	20

Lab Sample ID: 880-49784-10 MS — **Client Sample ID: T-1 (9')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7130		2490	9845		mg/Kg		109	90 - 110

Lab Sample ID: 880-49784-10 MSD — **Client Sample ID: T-1 (9')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93372

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7130		2490	9761		mg/Kg		106	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-93414/1-A
Matrix: Solid
Analysis Batch: 93452

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			10/16/24 22:11	1

Lab Sample ID: LCS 880-93414/2-A
Matrix: Solid
Analysis Batch: 93452

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	235.5		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-93414/3-A
Matrix: Solid
Analysis Batch: 93452

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	236.5		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-49784-20 MS
Matrix: Solid
Analysis Batch: 93452

Client Sample ID: T-2 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3920	F1	1260	5526	F1	mg/Kg		128	90 - 110		

Lab Sample ID: 880-49784-20 MSD
Matrix: Solid
Analysis Batch: 93452

Client Sample ID: T-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	3920	F1	1260	5358	F1	mg/Kg		114	90 - 110	3	20

Lab Sample ID: 880-49784-30 MS
Matrix: Solid
Analysis Batch: 93452

Client Sample ID: T-3 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4060	F1	1250	5527	F1	mg/Kg		117	90 - 110		

Lab Sample ID: 880-49784-30 MSD
Matrix: Solid
Analysis Batch: 93452

Client Sample ID: T-3 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4060	F1	1250	5548	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: MB 880-93415/1-A
Matrix: Solid
Analysis Batch: 93457

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			10/17/24 07:11	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-93415/2-A
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.7		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-93415/3-A
Matrix: Solid
Analysis Batch: 93457

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	240.0		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-49784-40 MS
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: T-3 (12')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4680	F1	2480	7875	F1	mg/Kg		129	90 - 110		

Lab Sample ID: 880-49784-40 MSD
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: T-3 (12')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4680	F1	2480	7903	F1	mg/Kg		130	90 - 110	0	20

Lab Sample ID: 880-49784-50 MS
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: T-5 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1220	F1	1250	2608	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-49784-50 MSD
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: T-5 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1220	F1	1250	2550		mg/Kg		106	90 - 110	2	20

Lab Sample ID: MB 880-93416/1-A
Matrix: Solid
Analysis Batch: 93458

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			10/17/24 01:20	1

Lab Sample ID: LCS 880-93416/2-A
Matrix: Solid
Analysis Batch: 93458

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.9		mg/Kg		95	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-93416/3-A
Matrix: Solid
Analysis Batch: 93458

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	238.0		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-49784-60 MS
Matrix: Solid
Analysis Batch: 93458

Client Sample ID: T-5 (11')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1750	F1	1240	3126		mg/Kg		110	90 - 110

Lab Sample ID: 880-49784-60 MSD
Matrix: Solid
Analysis Batch: 93458

Client Sample ID: T-5 (11')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1750	F1	1240	3133	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: 880-49784-70 MS
Matrix: Solid
Analysis Batch: 93458

Client Sample ID: T-6 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3910	F1	2490	6935	F1	mg/Kg		122	90 - 110

Lab Sample ID: 880-49784-70 MSD
Matrix: Solid
Analysis Batch: 93458

Client Sample ID: T-6 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3910	F1	2490	6944	F1	mg/Kg		122	90 - 110	0	20

Lab Sample ID: MB 880-93417/1-A
Matrix: Solid
Analysis Batch: 93464

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			10/19/24 15:38	1

Lab Sample ID: LCS 880-93417/2-A
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	241.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-93417/3-A
Matrix: Solid
Analysis Batch: 93464

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	245.5		mg/Kg		98	90 - 110	2	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-49784-80 MS
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: T-7 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5760	F1	2510	9847	F1	mg/Kg		163	90 - 110		

Lab Sample ID: 880-49784-80 MSD
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: T-7 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5760	F1	2510	9866	F1	mg/Kg		164	90 - 110	0	20

Lab Sample ID: 880-49784-90 MS
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: T-8 (7')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	11.0	F1	250	284.9		mg/Kg		110	90 - 110		

Lab Sample ID: 880-49784-90 MSD
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: T-8 (7')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.0	F1	250	289.5	F1	mg/Kg		111	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 93304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-61	T-5 (12')	Total/NA	Solid	8021B	93343
880-49784-62	T-5 (13')	Total/NA	Solid	8021B	93343
880-49784-63	T-5 (14')	Total/NA	Solid	8021B	93343
880-49784-64	T-6 (0-1')	Total/NA	Solid	8021B	93343
880-49784-65	T-6 (1.5')	Total/NA	Solid	8021B	93343
880-49784-66	T-6 (2')	Total/NA	Solid	8021B	93343
880-49784-67	T-6 (3')	Total/NA	Solid	8021B	93343
880-49784-68	T-6 (4')	Total/NA	Solid	8021B	93343
880-49784-69	T-6 (5')	Total/NA	Solid	8021B	93343
880-49784-70	T-6 (6')	Total/NA	Solid	8021B	93343
880-49784-71	T-6 (7')	Total/NA	Solid	8021B	93343
880-49784-72	T-6 (8')	Total/NA	Solid	8021B	93343
880-49784-73	T-6 (9')	Total/NA	Solid	8021B	93343
880-49784-74	T-7 (0-1')	Total/NA	Solid	8021B	93343
880-49784-75	T-7 (1.5')	Total/NA	Solid	8021B	93343
880-49784-76	T-7 (2')	Total/NA	Solid	8021B	93343
880-49784-77	T-7 (3')	Total/NA	Solid	8021B	93343
880-49784-78	T-7 (4')	Total/NA	Solid	8021B	93343
880-49784-79	T-7 (5')	Total/NA	Solid	8021B	93343
880-49784-80	T-7 (6')	Total/NA	Solid	8021B	93343
MB 880-93310/5-A	Method Blank	Total/NA	Solid	8021B	93310
MB 880-93343/5-A	Method Blank	Total/NA	Solid	8021B	93343
LCS 880-93343/1-A	Lab Control Sample	Total/NA	Solid	8021B	93343
LCSD 880-93343/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93343
880-49784-61 MS	T-5 (12')	Total/NA	Solid	8021B	93343
880-49784-61 MSD	T-5 (12')	Total/NA	Solid	8021B	93343

Analysis Batch: 93305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-21	T-2 (5')	Total/NA	Solid	8021B	93341
880-49784-22	T-2 (6')	Total/NA	Solid	8021B	93341
880-49784-23	T-2 (7')	Total/NA	Solid	8021B	93341
880-49784-24	T-2 (8')	Total/NA	Solid	8021B	93341
880-49784-25	T-2 (9')	Total/NA	Solid	8021B	93341
880-49784-26	T-2 (10')	Total/NA	Solid	8021B	93341
880-49784-27	T-2 (11')	Total/NA	Solid	8021B	93341
880-49784-28	T-3 (0-1')	Total/NA	Solid	8021B	93341
880-49784-29	T-3 (1.5')	Total/NA	Solid	8021B	93341
880-49784-30	T-3 (2')	Total/NA	Solid	8021B	93341
880-49784-31	T-3 (3')	Total/NA	Solid	8021B	93341
880-49784-32	T-3 (4')	Total/NA	Solid	8021B	93341
880-49784-33	T-3 (5')	Total/NA	Solid	8021B	93341
880-49784-34	T-3 (6')	Total/NA	Solid	8021B	93341
880-49784-35	T-3 (7')	Total/NA	Solid	8021B	93341
880-49784-36	T-3 (8')	Total/NA	Solid	8021B	93341
880-49784-37	T-3 (9')	Total/NA	Solid	8021B	93341
880-49784-38	T-3 (10')	Total/NA	Solid	8021B	93341
880-49784-39	T-3 (11')	Total/NA	Solid	8021B	93341
880-49784-40	T-3 (12')	Total/NA	Solid	8021B	93341
MB 880-93309/5-A	Method Blank	Total/NA	Solid	8021B	93309
MB 880-93341/5-A	Method Blank	Total/NA	Solid	8021B	93341

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 93305 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-93341/1-A	Lab Control Sample	Total/NA	Solid	8021B	93341
LCSD 880-93341/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93341
880-49784-21 MS	T-2 (5')	Total/NA	Solid	8021B	93341
880-49784-21 MSD	T-2 (5')	Total/NA	Solid	8021B	93341

Analysis Batch: 93307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41	T-3 (13')	Total/NA	Solid	8021B	93342
880-49784-42	T-3 (14')	Total/NA	Solid	8021B	93342
880-49784-43	T-3 (15')	Total/NA	Solid	8021B	93342
880-49784-44	T-4 (0-1')	Total/NA	Solid	8021B	93342
880-49784-45	T-4 (1.5')	Total/NA	Solid	8021B	93342
880-49784-46	T-4 (2')	Total/NA	Solid	8021B	93342
880-49784-47	T-4 (3')	Total/NA	Solid	8021B	93342
880-49784-48	T-4 (4')	Total/NA	Solid	8021B	93342
880-49784-49	T-5 (0-1')	Total/NA	Solid	8021B	93342
880-49784-50	T-5 (1.5')	Total/NA	Solid	8021B	93342
880-49784-51	T-5 (2')	Total/NA	Solid	8021B	93342
880-49784-52	T-5 (3')	Total/NA	Solid	8021B	93342
880-49784-53	T-5 (4')	Total/NA	Solid	8021B	93342
880-49784-54	T-5 (5')	Total/NA	Solid	8021B	93342
880-49784-55	T-5 (6')	Total/NA	Solid	8021B	93342
880-49784-56	T-5 (7')	Total/NA	Solid	8021B	93342
880-49784-57	T-5 (8')	Total/NA	Solid	8021B	93342
880-49784-58	T-5 (9')	Total/NA	Solid	8021B	93342
880-49784-59	T-5 (10')	Total/NA	Solid	8021B	93342
880-49784-60	T-5 (11')	Total/NA	Solid	8021B	93342
MB 880-93307/8	Method Blank	Total/NA	Solid	8021B	
MB 880-93342/5-A	Method Blank	Total/NA	Solid	8021B	93342
LCS 880-93342/1-A	Lab Control Sample	Total/NA	Solid	8021B	93342
LCSD 880-93342/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93342
880-49784-41 MS	T-3 (13')	Total/NA	Solid	8021B	93342
880-49784-41 MSD	T-3 (13')	Total/NA	Solid	8021B	93342

Analysis Batch: 93308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	8021B	93340
880-49784-2	T-1 (1.5')	Total/NA	Solid	8021B	93340
880-49784-3	T-1 (2')	Total/NA	Solid	8021B	93340
880-49784-4	T-1 (3')	Total/NA	Solid	8021B	93340
880-49784-5	T-1 (4')	Total/NA	Solid	8021B	93340
880-49784-6	T-1 (5')	Total/NA	Solid	8021B	93340
880-49784-7	T-1 (6')	Total/NA	Solid	8021B	93340
880-49784-8	T-1 (7')	Total/NA	Solid	8021B	93340
880-49784-9	T-1 (8')	Total/NA	Solid	8021B	93340
880-49784-10	T-1 (9')	Total/NA	Solid	8021B	93340
880-49784-11	T-1 (10')	Total/NA	Solid	8021B	93340
880-49784-12	T-1 (11')	Total/NA	Solid	8021B	93340
880-49784-13	T-1 (12')	Total/NA	Solid	8021B	93340
880-49784-14	T-1 (13')	Total/NA	Solid	8021B	93340
880-49784-15	T-1 (14')	Total/NA	Solid	8021B	93340

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 93308 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-16	T-2 (0-1')	Total/NA	Solid	8021B	93340
880-49784-17	T-2 (1.5')	Total/NA	Solid	8021B	93340
880-49784-18	T-2 (2')	Total/NA	Solid	8021B	93340
880-49784-19	T-2 (3')	Total/NA	Solid	8021B	93340
880-49784-20	T-2 (4')	Total/NA	Solid	8021B	93340
MB 880-93311/5-A	Method Blank	Total/NA	Solid	8021B	93311
MB 880-93340/5-A	Method Blank	Total/NA	Solid	8021B	93340
LCS 880-93340/1-A	Lab Control Sample	Total/NA	Solid	8021B	93340
LCSD 880-93340/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93340
880-49784-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	93340
880-49784-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	93340

Prep Batch: 93309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-93309/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 93310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-93310/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 93311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-93311/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 93340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	5035	
880-49784-2	T-1 (1.5')	Total/NA	Solid	5035	
880-49784-3	T-1 (2')	Total/NA	Solid	5035	
880-49784-4	T-1 (3')	Total/NA	Solid	5035	
880-49784-5	T-1 (4')	Total/NA	Solid	5035	
880-49784-6	T-1 (5')	Total/NA	Solid	5035	
880-49784-7	T-1 (6')	Total/NA	Solid	5035	
880-49784-8	T-1 (7')	Total/NA	Solid	5035	
880-49784-9	T-1 (8')	Total/NA	Solid	5035	
880-49784-10	T-1 (9')	Total/NA	Solid	5035	
880-49784-11	T-1 (10')	Total/NA	Solid	5035	
880-49784-12	T-1 (11')	Total/NA	Solid	5035	
880-49784-13	T-1 (12')	Total/NA	Solid	5035	
880-49784-14	T-1 (13')	Total/NA	Solid	5035	
880-49784-15	T-1 (14')	Total/NA	Solid	5035	
880-49784-16	T-2 (0-1')	Total/NA	Solid	5035	
880-49784-17	T-2 (1.5')	Total/NA	Solid	5035	
880-49784-18	T-2 (2')	Total/NA	Solid	5035	
880-49784-19	T-2 (3')	Total/NA	Solid	5035	
880-49784-20	T-2 (4')	Total/NA	Solid	5035	
MB 880-93340/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93340/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93340/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49784-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-49784-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 93341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-21	T-2 (5')	Total/NA	Solid	5035	
880-49784-22	T-2 (6')	Total/NA	Solid	5035	
880-49784-23	T-2 (7')	Total/NA	Solid	5035	
880-49784-24	T-2 (8')	Total/NA	Solid	5035	
880-49784-25	T-2 (9')	Total/NA	Solid	5035	
880-49784-26	T-2 (10')	Total/NA	Solid	5035	
880-49784-27	T-2 (11')	Total/NA	Solid	5035	
880-49784-28	T-3 (0-1')	Total/NA	Solid	5035	
880-49784-29	T-3 (1.5')	Total/NA	Solid	5035	
880-49784-30	T-3 (2')	Total/NA	Solid	5035	
880-49784-31	T-3 (3')	Total/NA	Solid	5035	
880-49784-32	T-3 (4')	Total/NA	Solid	5035	
880-49784-33	T-3 (5')	Total/NA	Solid	5035	
880-49784-34	T-3 (6')	Total/NA	Solid	5035	
880-49784-35	T-3 (7')	Total/NA	Solid	5035	
880-49784-36	T-3 (8')	Total/NA	Solid	5035	
880-49784-37	T-3 (9')	Total/NA	Solid	5035	
880-49784-38	T-3 (10')	Total/NA	Solid	5035	
880-49784-39	T-3 (11')	Total/NA	Solid	5035	
880-49784-40	T-3 (12')	Total/NA	Solid	5035	
MB 880-93341/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93341/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93341/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49784-21 MS	T-2 (5')	Total/NA	Solid	5035	
880-49784-21 MSD	T-2 (5')	Total/NA	Solid	5035	

Prep Batch: 93342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41	T-3 (13')	Total/NA	Solid	5035	
880-49784-42	T-3 (14')	Total/NA	Solid	5035	
880-49784-43	T-3 (15')	Total/NA	Solid	5035	
880-49784-44	T-4 (0-1')	Total/NA	Solid	5035	
880-49784-45	T-4 (1.5')	Total/NA	Solid	5035	
880-49784-46	T-4 (2')	Total/NA	Solid	5035	
880-49784-47	T-4 (3')	Total/NA	Solid	5035	
880-49784-48	T-4 (4')	Total/NA	Solid	5035	
880-49784-49	T-5 (0-1')	Total/NA	Solid	5035	
880-49784-50	T-5 (1.5')	Total/NA	Solid	5035	
880-49784-51	T-5 (2')	Total/NA	Solid	5035	
880-49784-52	T-5 (3')	Total/NA	Solid	5035	
880-49784-53	T-5 (4')	Total/NA	Solid	5035	
880-49784-54	T-5 (5')	Total/NA	Solid	5035	
880-49784-55	T-5 (6')	Total/NA	Solid	5035	
880-49784-56	T-5 (7')	Total/NA	Solid	5035	
880-49784-57	T-5 (8')	Total/NA	Solid	5035	
880-49784-58	T-5 (9')	Total/NA	Solid	5035	
880-49784-59	T-5 (10')	Total/NA	Solid	5035	
880-49784-60	T-5 (11')	Total/NA	Solid	5035	
MB 880-93342/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93342/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93342/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 93342 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41 MS	T-3 (13')	Total/NA	Solid	5035	
880-49784-41 MSD	T-3 (13')	Total/NA	Solid	5035	

Prep Batch: 93343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-61	T-5 (12')	Total/NA	Solid	5035	
880-49784-62	T-5 (13')	Total/NA	Solid	5035	
880-49784-63	T-5 (14')	Total/NA	Solid	5035	
880-49784-64	T-6 (0-1')	Total/NA	Solid	5035	
880-49784-65	T-6 (1.5')	Total/NA	Solid	5035	
880-49784-66	T-6 (2')	Total/NA	Solid	5035	
880-49784-67	T-6 (3')	Total/NA	Solid	5035	
880-49784-68	T-6 (4')	Total/NA	Solid	5035	
880-49784-69	T-6 (5')	Total/NA	Solid	5035	
880-49784-70	T-6 (6')	Total/NA	Solid	5035	
880-49784-71	T-6 (7')	Total/NA	Solid	5035	
880-49784-72	T-6 (8')	Total/NA	Solid	5035	
880-49784-73	T-6 (9')	Total/NA	Solid	5035	
880-49784-74	T-7 (0-1')	Total/NA	Solid	5035	
880-49784-75	T-7 (1.5')	Total/NA	Solid	5035	
880-49784-76	T-7 (2')	Total/NA	Solid	5035	
880-49784-77	T-7 (3')	Total/NA	Solid	5035	
880-49784-78	T-7 (4')	Total/NA	Solid	5035	
880-49784-79	T-7 (5')	Total/NA	Solid	5035	
880-49784-80	T-7 (6')	Total/NA	Solid	5035	
MB 880-93343/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93343/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93343/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49784-61 MS	T-5 (12')	Total/NA	Solid	5035	
880-49784-61 MSD	T-5 (12')	Total/NA	Solid	5035	

Prep Batch: 93344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-81	T-7 (7')	Total/NA	Solid	5035	
880-49784-82	T-7 (8')	Total/NA	Solid	5035	
880-49784-83	T-8 (0-1')	Total/NA	Solid	5035	
880-49784-84	T-8 (1.5')	Total/NA	Solid	5035	
880-49784-85	T-8 (2')	Total/NA	Solid	5035	
880-49784-86	T-8 (3')	Total/NA	Solid	5035	
880-49784-87	T-8 (4')	Total/NA	Solid	5035	
880-49784-88	T-8 (5')	Total/NA	Solid	5035	
880-49784-89	T-8 (6')	Total/NA	Solid	5035	
880-49784-90	T-8 (7')	Total/NA	Solid	5035	
880-49784-91	T-8 (8')	Total/NA	Solid	5035	
MB 880-93344/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93344/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93344/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49784-81 MS	T-7 (7')	Total/NA	Solid	5035	
880-49784-81 MSD	T-7 (7')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 93431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-81	T-7 (7')	Total/NA	Solid	8021B	93344
880-49784-82	T-7 (8')	Total/NA	Solid	8021B	93344
880-49784-83	T-8 (0-1')	Total/NA	Solid	8021B	93344
880-49784-84	T-8 (1.5')	Total/NA	Solid	8021B	93344
880-49784-85	T-8 (2')	Total/NA	Solid	8021B	93344
880-49784-86	T-8 (3')	Total/NA	Solid	8021B	93344
880-49784-87	T-8 (4')	Total/NA	Solid	8021B	93344
880-49784-88	T-8 (5')	Total/NA	Solid	8021B	93344
880-49784-89	T-8 (6')	Total/NA	Solid	8021B	93344
880-49784-90	T-8 (7')	Total/NA	Solid	8021B	93344
880-49784-91	T-8 (8')	Total/NA	Solid	8021B	93344
MB 880-93344/5-A	Method Blank	Total/NA	Solid	8021B	93344
LCS 880-93344/1-A	Lab Control Sample	Total/NA	Solid	8021B	93344
LCSD 880-93344/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93344
880-49784-81 MS	T-7 (7')	Total/NA	Solid	8021B	93344
880-49784-81 MSD	T-7 (7')	Total/NA	Solid	8021B	93344

Analysis Batch: 93451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-49784-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-49784-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-49784-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-49784-7	T-1 (6')	Total/NA	Solid	Total BTEX	
880-49784-8	T-1 (7')	Total/NA	Solid	Total BTEX	
880-49784-9	T-1 (8')	Total/NA	Solid	Total BTEX	
880-49784-10	T-1 (9')	Total/NA	Solid	Total BTEX	
880-49784-11	T-1 (10')	Total/NA	Solid	Total BTEX	
880-49784-12	T-1 (11')	Total/NA	Solid	Total BTEX	
880-49784-13	T-1 (12')	Total/NA	Solid	Total BTEX	
880-49784-14	T-1 (13')	Total/NA	Solid	Total BTEX	
880-49784-15	T-1 (14')	Total/NA	Solid	Total BTEX	
880-49784-16	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-17	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-18	T-2 (2')	Total/NA	Solid	Total BTEX	
880-49784-19	T-2 (3')	Total/NA	Solid	Total BTEX	
880-49784-20	T-2 (4')	Total/NA	Solid	Total BTEX	
880-49784-21	T-2 (5')	Total/NA	Solid	Total BTEX	
880-49784-22	T-2 (6')	Total/NA	Solid	Total BTEX	
880-49784-23	T-2 (7')	Total/NA	Solid	Total BTEX	
880-49784-24	T-2 (8')	Total/NA	Solid	Total BTEX	
880-49784-25	T-2 (9')	Total/NA	Solid	Total BTEX	
880-49784-26	T-2 (10')	Total/NA	Solid	Total BTEX	
880-49784-27	T-2 (11')	Total/NA	Solid	Total BTEX	
880-49784-28	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-29	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-30	T-3 (2')	Total/NA	Solid	Total BTEX	
880-49784-31	T-3 (3')	Total/NA	Solid	Total BTEX	
880-49784-32	T-3 (4')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 93451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-33	T-3 (5')	Total/NA	Solid	Total BTEX	
880-49784-34	T-3 (6')	Total/NA	Solid	Total BTEX	
880-49784-35	T-3 (7')	Total/NA	Solid	Total BTEX	
880-49784-36	T-3 (8')	Total/NA	Solid	Total BTEX	
880-49784-37	T-3 (9')	Total/NA	Solid	Total BTEX	
880-49784-38	T-3 (10')	Total/NA	Solid	Total BTEX	
880-49784-39	T-3 (11')	Total/NA	Solid	Total BTEX	
880-49784-40	T-3 (12')	Total/NA	Solid	Total BTEX	
880-49784-41	T-3 (13')	Total/NA	Solid	Total BTEX	
880-49784-42	T-3 (14')	Total/NA	Solid	Total BTEX	
880-49784-43	T-3 (15')	Total/NA	Solid	Total BTEX	
880-49784-44	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-45	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-46	T-4 (2')	Total/NA	Solid	Total BTEX	
880-49784-47	T-4 (3')	Total/NA	Solid	Total BTEX	
880-49784-48	T-4 (4')	Total/NA	Solid	Total BTEX	
880-49784-49	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-50	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-51	T-5 (2')	Total/NA	Solid	Total BTEX	
880-49784-52	T-5 (3')	Total/NA	Solid	Total BTEX	
880-49784-53	T-5 (4')	Total/NA	Solid	Total BTEX	
880-49784-54	T-5 (5')	Total/NA	Solid	Total BTEX	
880-49784-55	T-5 (6')	Total/NA	Solid	Total BTEX	
880-49784-56	T-5 (7')	Total/NA	Solid	Total BTEX	
880-49784-57	T-5 (8')	Total/NA	Solid	Total BTEX	
880-49784-58	T-5 (9')	Total/NA	Solid	Total BTEX	
880-49784-59	T-5 (10')	Total/NA	Solid	Total BTEX	
880-49784-60	T-5 (11')	Total/NA	Solid	Total BTEX	
880-49784-61	T-5 (12')	Total/NA	Solid	Total BTEX	
880-49784-62	T-5 (13')	Total/NA	Solid	Total BTEX	
880-49784-63	T-5 (14')	Total/NA	Solid	Total BTEX	
880-49784-64	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-65	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-66	T-6 (2')	Total/NA	Solid	Total BTEX	
880-49784-67	T-6 (3')	Total/NA	Solid	Total BTEX	
880-49784-68	T-6 (4')	Total/NA	Solid	Total BTEX	
880-49784-69	T-6 (5')	Total/NA	Solid	Total BTEX	
880-49784-70	T-6 (6')	Total/NA	Solid	Total BTEX	
880-49784-71	T-6 (7')	Total/NA	Solid	Total BTEX	
880-49784-72	T-6 (8')	Total/NA	Solid	Total BTEX	
880-49784-73	T-6 (9')	Total/NA	Solid	Total BTEX	
880-49784-74	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-75	T-7 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-76	T-7 (2')	Total/NA	Solid	Total BTEX	
880-49784-77	T-7 (3')	Total/NA	Solid	Total BTEX	
880-49784-78	T-7 (4')	Total/NA	Solid	Total BTEX	
880-49784-79	T-7 (5')	Total/NA	Solid	Total BTEX	
880-49784-80	T-7 (6')	Total/NA	Solid	Total BTEX	
880-49784-81	T-7 (7')	Total/NA	Solid	Total BTEX	
880-49784-82	T-7 (8')	Total/NA	Solid	Total BTEX	
880-49784-83	T-8 (0-1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 93451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-84	T-8 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-85	T-8 (2')	Total/NA	Solid	Total BTEX	
880-49784-86	T-8 (3')	Total/NA	Solid	Total BTEX	
880-49784-87	T-8 (4')	Total/NA	Solid	Total BTEX	
880-49784-88	T-8 (5')	Total/NA	Solid	Total BTEX	
880-49784-89	T-8 (6')	Total/NA	Solid	Total BTEX	
880-49784-90	T-8 (7')	Total/NA	Solid	Total BTEX	
880-49784-91	T-8 (8')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 93361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-49784-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-49784-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-49784-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-49784-7	T-1 (6')	Total/NA	Solid	8015NM Prep	
880-49784-8	T-1 (7')	Total/NA	Solid	8015NM Prep	
880-49784-9	T-1 (8')	Total/NA	Solid	8015NM Prep	
880-49784-10	T-1 (9')	Total/NA	Solid	8015NM Prep	
880-49784-11	T-1 (10')	Total/NA	Solid	8015NM Prep	
880-49784-12	T-1 (11')	Total/NA	Solid	8015NM Prep	
880-49784-13	T-1 (12')	Total/NA	Solid	8015NM Prep	
880-49784-14	T-1 (13')	Total/NA	Solid	8015NM Prep	
880-49784-15	T-1 (14')	Total/NA	Solid	8015NM Prep	
880-49784-16	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-17	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-18	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-49784-19	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-49784-20	T-2 (4')	Total/NA	Solid	8015NM Prep	
MB 880-93361/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93361/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93361/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 93362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-21	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-49784-22	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-49784-23	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-49784-24	T-2 (8')	Total/NA	Solid	8015NM Prep	
880-49784-25	T-2 (9')	Total/NA	Solid	8015NM Prep	
880-49784-26	T-2 (10')	Total/NA	Solid	8015NM Prep	
880-49784-27	T-2 (11')	Total/NA	Solid	8015NM Prep	
880-49784-28	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-29	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-30	T-3 (2')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 93362 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-31	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-49784-32	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-49784-33	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-49784-34	T-3 (6')	Total/NA	Solid	8015NM Prep	
880-49784-35	T-3 (7')	Total/NA	Solid	8015NM Prep	
880-49784-36	T-3 (8')	Total/NA	Solid	8015NM Prep	
880-49784-37	T-3 (9')	Total/NA	Solid	8015NM Prep	
880-49784-38	T-3 (10')	Total/NA	Solid	8015NM Prep	
880-49784-39	T-3 (11')	Total/NA	Solid	8015NM Prep	
880-49784-40	T-3 (12')	Total/NA	Solid	8015NM Prep	
MB 880-93362/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93362/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-21 MS	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-49784-21 MSD	T-2 (5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 93363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41	T-3 (13')	Total/NA	Solid	8015NM Prep	
880-49784-42	T-3 (14')	Total/NA	Solid	8015NM Prep	
880-49784-43	T-3 (15')	Total/NA	Solid	8015NM Prep	
880-49784-44	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-45	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-46	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-49784-47	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-49784-48	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-49784-49	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-50	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-51	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-49784-52	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-49784-53	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-49784-54	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-49784-55	T-5 (6')	Total/NA	Solid	8015NM Prep	
880-49784-56	T-5 (7')	Total/NA	Solid	8015NM Prep	
880-49784-57	T-5 (8')	Total/NA	Solid	8015NM Prep	
880-49784-58	T-5 (9')	Total/NA	Solid	8015NM Prep	
880-49784-59	T-5 (10')	Total/NA	Solid	8015NM Prep	
880-49784-60	T-5 (11')	Total/NA	Solid	8015NM Prep	
MB 880-93363/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93363/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93363/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-41 MS	T-3 (13')	Total/NA	Solid	8015NM Prep	
880-49784-41 MSD	T-3 (13')	Total/NA	Solid	8015NM Prep	

Prep Batch: 93364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-61	T-5 (12')	Total/NA	Solid	8015NM Prep	
880-49784-62	T-5 (13')	Total/NA	Solid	8015NM Prep	
880-49784-63	T-5 (14')	Total/NA	Solid	8015NM Prep	
880-49784-64	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-65	T-6 (1.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 93364 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-66	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-49784-67	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-49784-68	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-49784-69	T-6 (5')	Total/NA	Solid	8015NM Prep	
880-49784-70	T-6 (6')	Total/NA	Solid	8015NM Prep	
880-49784-71	T-6 (7')	Total/NA	Solid	8015NM Prep	
880-49784-72	T-6 (8')	Total/NA	Solid	8015NM Prep	
880-49784-73	T-6 (9')	Total/NA	Solid	8015NM Prep	
880-49784-74	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-75	T-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-76	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-49784-77	T-7 (3')	Total/NA	Solid	8015NM Prep	
880-49784-78	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-49784-79	T-7 (5')	Total/NA	Solid	8015NM Prep	
880-49784-80	T-7 (6')	Total/NA	Solid	8015NM Prep	
MB 880-93364/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93364/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93364/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-61 MS	T-5 (12')	Total/NA	Solid	8015NM Prep	
880-49784-61 MSD	T-5 (12')	Total/NA	Solid	8015NM Prep	

Prep Batch: 93365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-81	T-7 (7')	Total/NA	Solid	8015NM Prep	
880-49784-82	T-7 (8')	Total/NA	Solid	8015NM Prep	
880-49784-83	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-84	T-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-85	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-49784-86	T-8 (3')	Total/NA	Solid	8015NM Prep	
880-49784-87	T-8 (4')	Total/NA	Solid	8015NM Prep	
880-49784-88	T-8 (5')	Total/NA	Solid	8015NM Prep	
880-49784-89	T-8 (6')	Total/NA	Solid	8015NM Prep	
880-49784-90	T-8 (7')	Total/NA	Solid	8015NM Prep	
880-49784-91	T-8 (8')	Total/NA	Solid	8015NM Prep	
MB 880-93365/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93365/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93365/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-81 MS	T-7 (7')	Total/NA	Solid	8015NM Prep	
880-49784-81 MSD	T-7 (7')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 93440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-81	T-7 (7')	Total/NA	Solid	8015B NM	93365
880-49784-82	T-7 (8')	Total/NA	Solid	8015B NM	93365
880-49784-83	T-8 (0-1')	Total/NA	Solid	8015B NM	93365
880-49784-84	T-8 (1.5')	Total/NA	Solid	8015B NM	93365
880-49784-85	T-8 (2')	Total/NA	Solid	8015B NM	93365
880-49784-86	T-8 (3')	Total/NA	Solid	8015B NM	93365
880-49784-87	T-8 (4')	Total/NA	Solid	8015B NM	93365
880-49784-88	T-8 (5')	Total/NA	Solid	8015B NM	93365
880-49784-89	T-8 (6')	Total/NA	Solid	8015B NM	93365

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93440 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-90	T-8 (7')	Total/NA	Solid	8015B NM	93365
880-49784-91	T-8 (8')	Total/NA	Solid	8015B NM	93365
MB 880-93365/1-A	Method Blank	Total/NA	Solid	8015B NM	93365
LCS 880-93365/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93365
LCSD 880-93365/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93365
880-49784-81 MS	T-7 (7')	Total/NA	Solid	8015B NM	93365
880-49784-81 MSD	T-7 (7')	Total/NA	Solid	8015B NM	93365

Analysis Batch: 93454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	8015B NM	93361
880-49784-2	T-1 (1.5')	Total/NA	Solid	8015B NM	93361
880-49784-3	T-1 (2')	Total/NA	Solid	8015B NM	93361
880-49784-4	T-1 (3')	Total/NA	Solid	8015B NM	93361
880-49784-5	T-1 (4')	Total/NA	Solid	8015B NM	93361
880-49784-6	T-1 (5')	Total/NA	Solid	8015B NM	93361
880-49784-7	T-1 (6')	Total/NA	Solid	8015B NM	93361
880-49784-8	T-1 (7')	Total/NA	Solid	8015B NM	93361
880-49784-9	T-1 (8')	Total/NA	Solid	8015B NM	93361
880-49784-10	T-1 (9')	Total/NA	Solid	8015B NM	93361
880-49784-11	T-1 (10')	Total/NA	Solid	8015B NM	93361
880-49784-12	T-1 (11')	Total/NA	Solid	8015B NM	93361
880-49784-13	T-1 (12')	Total/NA	Solid	8015B NM	93361
880-49784-14	T-1 (13')	Total/NA	Solid	8015B NM	93361
880-49784-15	T-1 (14')	Total/NA	Solid	8015B NM	93361
880-49784-16	T-2 (0-1')	Total/NA	Solid	8015B NM	93361
880-49784-17	T-2 (1.5')	Total/NA	Solid	8015B NM	93361
880-49784-18	T-2 (2')	Total/NA	Solid	8015B NM	93361
880-49784-19	T-2 (3')	Total/NA	Solid	8015B NM	93361
880-49784-20	T-2 (4')	Total/NA	Solid	8015B NM	93361
MB 880-93361/1-A	Method Blank	Total/NA	Solid	8015B NM	93361
LCS 880-93361/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93361
LCSD 880-93361/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93361
880-49784-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	93361
880-49784-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	93361

Analysis Batch: 93456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41	T-3 (13')	Total/NA	Solid	8015B NM	93363
880-49784-42	T-3 (14')	Total/NA	Solid	8015B NM	93363
880-49784-43	T-3 (15')	Total/NA	Solid	8015B NM	93363
880-49784-44	T-4 (0-1')	Total/NA	Solid	8015B NM	93363
880-49784-45	T-4 (1.5')	Total/NA	Solid	8015B NM	93363
880-49784-46	T-4 (2')	Total/NA	Solid	8015B NM	93363
880-49784-47	T-4 (3')	Total/NA	Solid	8015B NM	93363
880-49784-48	T-4 (4')	Total/NA	Solid	8015B NM	93363
880-49784-49	T-5 (0-1')	Total/NA	Solid	8015B NM	93363
880-49784-50	T-5 (1.5')	Total/NA	Solid	8015B NM	93363
880-49784-51	T-5 (2')	Total/NA	Solid	8015B NM	93363
880-49784-52	T-5 (3')	Total/NA	Solid	8015B NM	93363
880-49784-53	T-5 (4')	Total/NA	Solid	8015B NM	93363

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-54	T-5 (5')	Total/NA	Solid	8015B NM	93363
880-49784-55	T-5 (6')	Total/NA	Solid	8015B NM	93363
880-49784-56	T-5 (7')	Total/NA	Solid	8015B NM	93363
880-49784-57	T-5 (8')	Total/NA	Solid	8015B NM	93363
880-49784-58	T-5 (9')	Total/NA	Solid	8015B NM	93363
880-49784-59	T-5 (10')	Total/NA	Solid	8015B NM	93363
880-49784-60	T-5 (11')	Total/NA	Solid	8015B NM	93363
MB 880-93363/1-A	Method Blank	Total/NA	Solid	8015B NM	93363
LCS 880-93363/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93363
LCSD 880-93363/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93363
880-49784-41 MS	T-3 (13')	Total/NA	Solid	8015B NM	93363
880-49784-41 MSD	T-3 (13')	Total/NA	Solid	8015B NM	93363

Analysis Batch: 93554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-49784-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-49784-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-49784-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-49784-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-49784-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-49784-7	T-1 (6')	Total/NA	Solid	8015 NM	
880-49784-8	T-1 (7')	Total/NA	Solid	8015 NM	
880-49784-9	T-1 (8')	Total/NA	Solid	8015 NM	
880-49784-10	T-1 (9')	Total/NA	Solid	8015 NM	
880-49784-11	T-1 (10')	Total/NA	Solid	8015 NM	
880-49784-12	T-1 (11')	Total/NA	Solid	8015 NM	
880-49784-13	T-1 (12')	Total/NA	Solid	8015 NM	
880-49784-14	T-1 (13')	Total/NA	Solid	8015 NM	
880-49784-15	T-1 (14')	Total/NA	Solid	8015 NM	
880-49784-16	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-49784-17	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-49784-18	T-2 (2')	Total/NA	Solid	8015 NM	
880-49784-19	T-2 (3')	Total/NA	Solid	8015 NM	
880-49784-20	T-2 (4')	Total/NA	Solid	8015 NM	
880-49784-21	T-2 (5')	Total/NA	Solid	8015 NM	
880-49784-22	T-2 (6')	Total/NA	Solid	8015 NM	
880-49784-23	T-2 (7')	Total/NA	Solid	8015 NM	
880-49784-24	T-2 (8')	Total/NA	Solid	8015 NM	
880-49784-25	T-2 (9')	Total/NA	Solid	8015 NM	
880-49784-26	T-2 (10')	Total/NA	Solid	8015 NM	
880-49784-27	T-2 (11')	Total/NA	Solid	8015 NM	
880-49784-28	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-49784-29	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-49784-30	T-3 (2')	Total/NA	Solid	8015 NM	
880-49784-31	T-3 (3')	Total/NA	Solid	8015 NM	
880-49784-32	T-3 (4')	Total/NA	Solid	8015 NM	
880-49784-33	T-3 (5')	Total/NA	Solid	8015 NM	
880-49784-34	T-3 (6')	Total/NA	Solid	8015 NM	
880-49784-35	T-3 (7')	Total/NA	Solid	8015 NM	
880-49784-36	T-3 (8')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-37	T-3 (9')	Total/NA	Solid	8015 NM	
880-49784-38	T-3 (10')	Total/NA	Solid	8015 NM	
880-49784-39	T-3 (11')	Total/NA	Solid	8015 NM	
880-49784-40	T-3 (12')	Total/NA	Solid	8015 NM	
880-49784-41	T-3 (13')	Total/NA	Solid	8015 NM	
880-49784-42	T-3 (14')	Total/NA	Solid	8015 NM	
880-49784-43	T-3 (15')	Total/NA	Solid	8015 NM	
880-49784-44	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-49784-45	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-49784-46	T-4 (2')	Total/NA	Solid	8015 NM	
880-49784-47	T-4 (3')	Total/NA	Solid	8015 NM	
880-49784-48	T-4 (4')	Total/NA	Solid	8015 NM	
880-49784-49	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-49784-50	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-49784-51	T-5 (2')	Total/NA	Solid	8015 NM	
880-49784-52	T-5 (3')	Total/NA	Solid	8015 NM	
880-49784-53	T-5 (4')	Total/NA	Solid	8015 NM	
880-49784-54	T-5 (5')	Total/NA	Solid	8015 NM	
880-49784-55	T-5 (6')	Total/NA	Solid	8015 NM	
880-49784-56	T-5 (7')	Total/NA	Solid	8015 NM	
880-49784-57	T-5 (8')	Total/NA	Solid	8015 NM	
880-49784-58	T-5 (9')	Total/NA	Solid	8015 NM	
880-49784-59	T-5 (10')	Total/NA	Solid	8015 NM	
880-49784-60	T-5 (11')	Total/NA	Solid	8015 NM	
880-49784-61	T-5 (12')	Total/NA	Solid	8015 NM	
880-49784-62	T-5 (13')	Total/NA	Solid	8015 NM	
880-49784-63	T-5 (14')	Total/NA	Solid	8015 NM	
880-49784-64	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-49784-65	T-6 (1.5')	Total/NA	Solid	8015 NM	
880-49784-66	T-6 (2')	Total/NA	Solid	8015 NM	
880-49784-67	T-6 (3')	Total/NA	Solid	8015 NM	
880-49784-68	T-6 (4')	Total/NA	Solid	8015 NM	
880-49784-69	T-6 (5')	Total/NA	Solid	8015 NM	
880-49784-70	T-6 (6')	Total/NA	Solid	8015 NM	
880-49784-71	T-6 (7')	Total/NA	Solid	8015 NM	
880-49784-72	T-6 (8')	Total/NA	Solid	8015 NM	
880-49784-73	T-6 (9')	Total/NA	Solid	8015 NM	
880-49784-74	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-49784-75	T-7 (1.5')	Total/NA	Solid	8015 NM	
880-49784-76	T-7 (2')	Total/NA	Solid	8015 NM	
880-49784-77	T-7 (3')	Total/NA	Solid	8015 NM	
880-49784-78	T-7 (4')	Total/NA	Solid	8015 NM	
880-49784-79	T-7 (5')	Total/NA	Solid	8015 NM	
880-49784-80	T-7 (6')	Total/NA	Solid	8015 NM	
880-49784-81	T-7 (7')	Total/NA	Solid	8015 NM	
880-49784-82	T-7 (8')	Total/NA	Solid	8015 NM	
880-49784-83	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-49784-84	T-8 (1.5')	Total/NA	Solid	8015 NM	
880-49784-85	T-8 (2')	Total/NA	Solid	8015 NM	
880-49784-86	T-8 (3')	Total/NA	Solid	8015 NM	
880-49784-87	T-8 (4')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-88	T-8 (5')	Total/NA	Solid	8015 NM	
880-49784-89	T-8 (6')	Total/NA	Solid	8015 NM	
880-49784-90	T-8 (7')	Total/NA	Solid	8015 NM	
880-49784-91	T-8 (8')	Total/NA	Solid	8015 NM	

Analysis Batch: 93581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-21	T-2 (5')	Total/NA	Solid	8015B NM	93362
880-49784-22	T-2 (6')	Total/NA	Solid	8015B NM	93362
880-49784-23	T-2 (7')	Total/NA	Solid	8015B NM	93362
880-49784-24	T-2 (8')	Total/NA	Solid	8015B NM	93362
880-49784-25	T-2 (9')	Total/NA	Solid	8015B NM	93362
880-49784-26	T-2 (10')	Total/NA	Solid	8015B NM	93362
880-49784-27	T-2 (11')	Total/NA	Solid	8015B NM	93362
880-49784-28	T-3 (0-1')	Total/NA	Solid	8015B NM	93362
880-49784-29	T-3 (1.5')	Total/NA	Solid	8015B NM	93362
880-49784-30	T-3 (2')	Total/NA	Solid	8015B NM	93362
880-49784-31	T-3 (3')	Total/NA	Solid	8015B NM	93362
880-49784-32	T-3 (4')	Total/NA	Solid	8015B NM	93362
880-49784-33	T-3 (5')	Total/NA	Solid	8015B NM	93362
880-49784-34	T-3 (6')	Total/NA	Solid	8015B NM	93362
880-49784-35	T-3 (7')	Total/NA	Solid	8015B NM	93362
880-49784-36	T-3 (8')	Total/NA	Solid	8015B NM	93362
880-49784-37	T-3 (9')	Total/NA	Solid	8015B NM	93362
880-49784-38	T-3 (10')	Total/NA	Solid	8015B NM	93362
880-49784-39	T-3 (11')	Total/NA	Solid	8015B NM	93362
880-49784-40	T-3 (12')	Total/NA	Solid	8015B NM	93362
MB 880-93362/1-A	Method Blank	Total/NA	Solid	8015B NM	93362
LCS 880-93362/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93362
LCSD 880-93362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93362
880-49784-21 MS	T-2 (5')	Total/NA	Solid	8015B NM	93362
880-49784-21 MSD	T-2 (5')	Total/NA	Solid	8015B NM	93362

Analysis Batch: 93583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-61	T-5 (12')	Total/NA	Solid	8015B NM	93364
880-49784-62	T-5 (13')	Total/NA	Solid	8015B NM	93364
880-49784-63	T-5 (14')	Total/NA	Solid	8015B NM	93364
880-49784-64	T-6 (0-1')	Total/NA	Solid	8015B NM	93364
880-49784-65	T-6 (1.5')	Total/NA	Solid	8015B NM	93364
880-49784-66	T-6 (2')	Total/NA	Solid	8015B NM	93364
880-49784-67	T-6 (3')	Total/NA	Solid	8015B NM	93364
880-49784-68	T-6 (4')	Total/NA	Solid	8015B NM	93364
880-49784-69	T-6 (5')	Total/NA	Solid	8015B NM	93364
880-49784-70	T-6 (6')	Total/NA	Solid	8015B NM	93364
880-49784-71	T-6 (7')	Total/NA	Solid	8015B NM	93364
880-49784-72	T-6 (8')	Total/NA	Solid	8015B NM	93364
880-49784-73	T-6 (9')	Total/NA	Solid	8015B NM	93364
880-49784-74	T-7 (0-1')	Total/NA	Solid	8015B NM	93364
880-49784-75	T-7 (1.5')	Total/NA	Solid	8015B NM	93364
880-49784-76	T-7 (2')	Total/NA	Solid	8015B NM	93364

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-77	T-7 (3')	Total/NA	Solid	8015B NM	93364
880-49784-78	T-7 (4')	Total/NA	Solid	8015B NM	93364
880-49784-79	T-7 (5')	Total/NA	Solid	8015B NM	93364
880-49784-80	T-7 (6')	Total/NA	Solid	8015B NM	93364
MB 880-93364/1-A	Method Blank	Total/NA	Solid	8015B NM	93364
LCS 880-93364/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93364
LCSD 880-93364/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93364
880-49784-61 MS	T-5 (12')	Total/NA	Solid	8015B NM	93364
880-49784-61 MSD	T-5 (12')	Total/NA	Solid	8015B NM	93364

HPLC/IC

Leach Batch: 93351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-49784-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-49784-3	T-1 (2')	Soluble	Solid	DI Leach	
880-49784-4	T-1 (3')	Soluble	Solid	DI Leach	
880-49784-5	T-1 (4')	Soluble	Solid	DI Leach	
880-49784-6	T-1 (5')	Soluble	Solid	DI Leach	
880-49784-7	T-1 (6')	Soluble	Solid	DI Leach	
880-49784-8	T-1 (7')	Soluble	Solid	DI Leach	
880-49784-9	T-1 (8')	Soluble	Solid	DI Leach	
880-49784-10	T-1 (9')	Soluble	Solid	DI Leach	
880-49784-11	T-1 (10')	Soluble	Solid	DI Leach	
880-49784-12	T-1 (11')	Soluble	Solid	DI Leach	
880-49784-13	T-1 (12')	Soluble	Solid	DI Leach	
880-49784-14	T-1 (13')	Soluble	Solid	DI Leach	
880-49784-15	T-1 (14')	Soluble	Solid	DI Leach	
880-49784-16	T-2 (0-1')	Soluble	Solid	DI Leach	
880-49784-17	T-2 (1.5')	Soluble	Solid	DI Leach	
880-49784-18	T-2 (2')	Soluble	Solid	DI Leach	
880-49784-19	T-2 (3')	Soluble	Solid	DI Leach	
MB 880-93351/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93351/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93351/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-10 MS	T-1 (9')	Soluble	Solid	DI Leach	
880-49784-10 MSD	T-1 (9')	Soluble	Solid	DI Leach	

Analysis Batch: 93372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Soluble	Solid	300.0	93351
880-49784-2	T-1 (1.5')	Soluble	Solid	300.0	93351
880-49784-3	T-1 (2')	Soluble	Solid	300.0	93351
880-49784-4	T-1 (3')	Soluble	Solid	300.0	93351
880-49784-5	T-1 (4')	Soluble	Solid	300.0	93351
880-49784-6	T-1 (5')	Soluble	Solid	300.0	93351
880-49784-7	T-1 (6')	Soluble	Solid	300.0	93351
880-49784-8	T-1 (7')	Soluble	Solid	300.0	93351
880-49784-9	T-1 (8')	Soluble	Solid	300.0	93351
880-49784-10	T-1 (9')	Soluble	Solid	300.0	93351

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 93372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-11	T-1 (10')	Soluble	Solid	300.0	93351
880-49784-12	T-1 (11')	Soluble	Solid	300.0	93351
880-49784-13	T-1 (12')	Soluble	Solid	300.0	93351
880-49784-14	T-1 (13')	Soluble	Solid	300.0	93351
880-49784-15	T-1 (14')	Soluble	Solid	300.0	93351
880-49784-16	T-2 (0-1')	Soluble	Solid	300.0	93351
880-49784-17	T-2 (1.5')	Soluble	Solid	300.0	93351
880-49784-18	T-2 (2')	Soluble	Solid	300.0	93351
880-49784-19	T-2 (3')	Soluble	Solid	300.0	93351
MB 880-93351/1-A	Method Blank	Soluble	Solid	300.0	93351
LCS 880-93351/2-A	Lab Control Sample	Soluble	Solid	300.0	93351
LCSD 880-93351/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93351
880-49784-10 MS	T-1 (9')	Soluble	Solid	300.0	93351
880-49784-10 MSD	T-1 (9')	Soluble	Solid	300.0	93351

Leach Batch: 93414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-20	T-2 (4')	Soluble	Solid	DI Leach	
880-49784-21	T-2 (5')	Soluble	Solid	DI Leach	
880-49784-22	T-2 (6')	Soluble	Solid	DI Leach	
880-49784-23	T-2 (7')	Soluble	Solid	DI Leach	
880-49784-24	T-2 (8')	Soluble	Solid	DI Leach	
880-49784-25	T-2 (9')	Soluble	Solid	DI Leach	
880-49784-26	T-2 (10')	Soluble	Solid	DI Leach	
880-49784-27	T-2 (11')	Soluble	Solid	DI Leach	
880-49784-28	T-3 (0-1')	Soluble	Solid	DI Leach	
880-49784-29	T-3 (1.5')	Soluble	Solid	DI Leach	
880-49784-30	T-3 (2')	Soluble	Solid	DI Leach	
880-49784-31	T-3 (3')	Soluble	Solid	DI Leach	
880-49784-32	T-3 (4')	Soluble	Solid	DI Leach	
880-49784-33	T-3 (5')	Soluble	Solid	DI Leach	
880-49784-34	T-3 (6')	Soluble	Solid	DI Leach	
880-49784-35	T-3 (7')	Soluble	Solid	DI Leach	
880-49784-36	T-3 (8')	Soluble	Solid	DI Leach	
880-49784-37	T-3 (9')	Soluble	Solid	DI Leach	
880-49784-38	T-3 (10')	Soluble	Solid	DI Leach	
880-49784-39	T-3 (11')	Soluble	Solid	DI Leach	
MB 880-93414/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93414/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93414/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-20 MS	T-2 (4')	Soluble	Solid	DI Leach	
880-49784-20 MSD	T-2 (4')	Soluble	Solid	DI Leach	
880-49784-30 MS	T-3 (2')	Soluble	Solid	DI Leach	
880-49784-30 MSD	T-3 (2')	Soluble	Solid	DI Leach	

Leach Batch: 93415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-40	T-3 (12')	Soluble	Solid	DI Leach	
880-49784-41	T-3 (13')	Soluble	Solid	DI Leach	
880-49784-42	T-3 (14')	Soluble	Solid	DI Leach	
880-49784-43	T-3 (15')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 93415 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-44	T-4 (0-1')	Soluble	Solid	DI Leach	
880-49784-45	T-4 (1.5')	Soluble	Solid	DI Leach	
880-49784-46	T-4 (2')	Soluble	Solid	DI Leach	
880-49784-47	T-4 (3')	Soluble	Solid	DI Leach	
880-49784-48	T-4 (4')	Soluble	Solid	DI Leach	
880-49784-49	T-5 (0-1')	Soluble	Solid	DI Leach	
880-49784-50	T-5 (1.5')	Soluble	Solid	DI Leach	
880-49784-51	T-5 (2')	Soluble	Solid	DI Leach	
880-49784-52	T-5 (3')	Soluble	Solid	DI Leach	
880-49784-53	T-5 (4')	Soluble	Solid	DI Leach	
880-49784-54	T-5 (5')	Soluble	Solid	DI Leach	
880-49784-55	T-5 (6')	Soluble	Solid	DI Leach	
880-49784-56	T-5 (7')	Soluble	Solid	DI Leach	
880-49784-57	T-5 (8')	Soluble	Solid	DI Leach	
880-49784-58	T-5 (9')	Soluble	Solid	DI Leach	
880-49784-59	T-5 (10')	Soluble	Solid	DI Leach	
MB 880-93415/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93415/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93415/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-40 MS	T-3 (12')	Soluble	Solid	DI Leach	
880-49784-40 MSD	T-3 (12')	Soluble	Solid	DI Leach	
880-49784-50 MS	T-5 (1.5')	Soluble	Solid	DI Leach	
880-49784-50 MSD	T-5 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 93416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-60	T-5 (11')	Soluble	Solid	DI Leach	
880-49784-61	T-5 (12')	Soluble	Solid	DI Leach	
880-49784-62	T-5 (13')	Soluble	Solid	DI Leach	
880-49784-63	T-5 (14')	Soluble	Solid	DI Leach	
880-49784-64	T-6 (0-1')	Soluble	Solid	DI Leach	
880-49784-65	T-6 (1.5')	Soluble	Solid	DI Leach	
880-49784-66	T-6 (2')	Soluble	Solid	DI Leach	
880-49784-67	T-6 (3')	Soluble	Solid	DI Leach	
880-49784-68	T-6 (4')	Soluble	Solid	DI Leach	
880-49784-69	T-6 (5')	Soluble	Solid	DI Leach	
880-49784-70	T-6 (6')	Soluble	Solid	DI Leach	
880-49784-71	T-6 (7')	Soluble	Solid	DI Leach	
880-49784-72	T-6 (8')	Soluble	Solid	DI Leach	
880-49784-73	T-6 (9')	Soluble	Solid	DI Leach	
880-49784-74	T-7 (0-1')	Soluble	Solid	DI Leach	
880-49784-75	T-7 (1.5')	Soluble	Solid	DI Leach	
880-49784-76	T-7 (2')	Soluble	Solid	DI Leach	
880-49784-77	T-7 (3')	Soluble	Solid	DI Leach	
880-49784-78	T-7 (4')	Soluble	Solid	DI Leach	
880-49784-79	T-7 (5')	Soluble	Solid	DI Leach	
MB 880-93416/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93416/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93416/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-60 MS	T-5 (11')	Soluble	Solid	DI Leach	
880-49784-60 MSD	T-5 (11')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 93416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-70 MS	T-6 (6')	Soluble	Solid	DI Leach	
880-49784-70 MSD	T-6 (6')	Soluble	Solid	DI Leach	

Leach Batch: 93417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-80	T-7 (6')	Soluble	Solid	DI Leach	
880-49784-81	T-7 (7')	Soluble	Solid	DI Leach	
880-49784-82	T-7 (8')	Soluble	Solid	DI Leach	
880-49784-83	T-8 (0-1')	Soluble	Solid	DI Leach	
880-49784-84	T-8 (1.5')	Soluble	Solid	DI Leach	
880-49784-85	T-8 (2')	Soluble	Solid	DI Leach	
880-49784-86	T-8 (3')	Soluble	Solid	DI Leach	
880-49784-87	T-8 (4')	Soluble	Solid	DI Leach	
880-49784-88	T-8 (5')	Soluble	Solid	DI Leach	
880-49784-89	T-8 (6')	Soluble	Solid	DI Leach	
880-49784-90	T-8 (7')	Soluble	Solid	DI Leach	
880-49784-91	T-8 (8')	Soluble	Solid	DI Leach	
MB 880-93417/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93417/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93417/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-80 MS	T-7 (6')	Soluble	Solid	DI Leach	
880-49784-80 MSD	T-7 (6')	Soluble	Solid	DI Leach	
880-49784-90 MS	T-8 (7')	Soluble	Solid	DI Leach	
880-49784-90 MSD	T-8 (7')	Soluble	Solid	DI Leach	

Analysis Batch: 93452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-20	T-2 (4')	Soluble	Solid	300.0	93414
880-49784-21	T-2 (5')	Soluble	Solid	300.0	93414
880-49784-22	T-2 (6')	Soluble	Solid	300.0	93414
880-49784-23	T-2 (7')	Soluble	Solid	300.0	93414
880-49784-24	T-2 (8')	Soluble	Solid	300.0	93414
880-49784-25	T-2 (9')	Soluble	Solid	300.0	93414
880-49784-26	T-2 (10')	Soluble	Solid	300.0	93414
880-49784-27	T-2 (11')	Soluble	Solid	300.0	93414
880-49784-28	T-3 (0-1')	Soluble	Solid	300.0	93414
880-49784-29	T-3 (1.5')	Soluble	Solid	300.0	93414
880-49784-30	T-3 (2')	Soluble	Solid	300.0	93414
880-49784-31	T-3 (3')	Soluble	Solid	300.0	93414
880-49784-32	T-3 (4')	Soluble	Solid	300.0	93414
880-49784-33	T-3 (5')	Soluble	Solid	300.0	93414
880-49784-34	T-3 (6')	Soluble	Solid	300.0	93414
880-49784-35	T-3 (7')	Soluble	Solid	300.0	93414
880-49784-36	T-3 (8')	Soluble	Solid	300.0	93414
880-49784-37	T-3 (9')	Soluble	Solid	300.0	93414
880-49784-38	T-3 (10')	Soluble	Solid	300.0	93414
880-49784-39	T-3 (11')	Soluble	Solid	300.0	93414
MB 880-93414/1-A	Method Blank	Soluble	Solid	300.0	93414
LCS 880-93414/2-A	Lab Control Sample	Soluble	Solid	300.0	93414
LCSD 880-93414/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93414
880-49784-20 MS	T-2 (4')	Soluble	Solid	300.0	93414

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 93452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-20 MSD	T-2 (4')	Soluble	Solid	300.0	93414
880-49784-30 MS	T-3 (2')	Soluble	Solid	300.0	93414
880-49784-30 MSD	T-3 (2')	Soluble	Solid	300.0	93414

Analysis Batch: 93457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-40	T-3 (12')	Soluble	Solid	300.0	93415
880-49784-41	T-3 (13')	Soluble	Solid	300.0	93415
880-49784-42	T-3 (14')	Soluble	Solid	300.0	93415
880-49784-43	T-3 (15')	Soluble	Solid	300.0	93415
880-49784-44	T-4 (0-1')	Soluble	Solid	300.0	93415
880-49784-45	T-4 (1.5')	Soluble	Solid	300.0	93415
880-49784-46	T-4 (2')	Soluble	Solid	300.0	93415
880-49784-47	T-4 (3')	Soluble	Solid	300.0	93415
880-49784-48	T-4 (4')	Soluble	Solid	300.0	93415
880-49784-49	T-5 (0-1')	Soluble	Solid	300.0	93415
880-49784-50	T-5 (1.5')	Soluble	Solid	300.0	93415
880-49784-51	T-5 (2')	Soluble	Solid	300.0	93415
880-49784-52	T-5 (3')	Soluble	Solid	300.0	93415
880-49784-53	T-5 (4')	Soluble	Solid	300.0	93415
880-49784-54	T-5 (5')	Soluble	Solid	300.0	93415
880-49784-55	T-5 (6')	Soluble	Solid	300.0	93415
880-49784-56	T-5 (7')	Soluble	Solid	300.0	93415
880-49784-57	T-5 (8')	Soluble	Solid	300.0	93415
880-49784-58	T-5 (9')	Soluble	Solid	300.0	93415
880-49784-59	T-5 (10')	Soluble	Solid	300.0	93415
MB 880-93415/1-A	Method Blank	Soluble	Solid	300.0	93415
LCS 880-93415/2-A	Lab Control Sample	Soluble	Solid	300.0	93415
LCSD 880-93415/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93415
880-49784-40 MS	T-3 (12')	Soluble	Solid	300.0	93415
880-49784-40 MSD	T-3 (12')	Soluble	Solid	300.0	93415
880-49784-50 MS	T-5 (1.5')	Soluble	Solid	300.0	93415
880-49784-50 MSD	T-5 (1.5')	Soluble	Solid	300.0	93415

Analysis Batch: 93458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-60	T-5 (11')	Soluble	Solid	300.0	93416
880-49784-61	T-5 (12')	Soluble	Solid	300.0	93416
880-49784-62	T-5 (13')	Soluble	Solid	300.0	93416
880-49784-63	T-5 (14')	Soluble	Solid	300.0	93416
880-49784-64	T-6 (0-1')	Soluble	Solid	300.0	93416
880-49784-65	T-6 (1.5')	Soluble	Solid	300.0	93416
880-49784-66	T-6 (2')	Soluble	Solid	300.0	93416
880-49784-67	T-6 (3')	Soluble	Solid	300.0	93416
880-49784-68	T-6 (4')	Soluble	Solid	300.0	93416
880-49784-69	T-6 (5')	Soluble	Solid	300.0	93416
880-49784-70	T-6 (6')	Soluble	Solid	300.0	93416
880-49784-71	T-6 (7')	Soluble	Solid	300.0	93416
880-49784-72	T-6 (8')	Soluble	Solid	300.0	93416
880-49784-73	T-6 (9')	Soluble	Solid	300.0	93416
880-49784-74	T-7 (0-1')	Soluble	Solid	300.0	93416

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 93458 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-75	T-7 (1.5')	Soluble	Solid	300.0	93416
880-49784-76	T-7 (2')	Soluble	Solid	300.0	93416
880-49784-77	T-7 (3')	Soluble	Solid	300.0	93416
880-49784-78	T-7 (4')	Soluble	Solid	300.0	93416
880-49784-79	T-7 (5')	Soluble	Solid	300.0	93416
MB 880-93416/1-A	Method Blank	Soluble	Solid	300.0	93416
LCS 880-93416/2-A	Lab Control Sample	Soluble	Solid	300.0	93416
LCSD 880-93416/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93416
880-49784-60 MS	T-5 (11')	Soluble	Solid	300.0	93416
880-49784-60 MSD	T-5 (11')	Soluble	Solid	300.0	93416
880-49784-70 MS	T-6 (6')	Soluble	Solid	300.0	93416
880-49784-70 MSD	T-6 (6')	Soluble	Solid	300.0	93416

Analysis Batch: 93464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-80	T-7 (6')	Soluble	Solid	300.0	93417
880-49784-81	T-7 (7')	Soluble	Solid	300.0	93417
880-49784-82	T-7 (8')	Soluble	Solid	300.0	93417
880-49784-83	T-8 (0-1')	Soluble	Solid	300.0	93417
880-49784-84	T-8 (1.5')	Soluble	Solid	300.0	93417
880-49784-85	T-8 (2')	Soluble	Solid	300.0	93417
880-49784-86	T-8 (3')	Soluble	Solid	300.0	93417
880-49784-87	T-8 (4')	Soluble	Solid	300.0	93417
880-49784-88	T-8 (5')	Soluble	Solid	300.0	93417
880-49784-89	T-8 (6')	Soluble	Solid	300.0	93417
880-49784-90	T-8 (7')	Soluble	Solid	300.0	93417
880-49784-91	T-8 (8')	Soluble	Solid	300.0	93417
MB 880-93417/1-A	Method Blank	Soluble	Solid	300.0	93417
LCS 880-93417/2-A	Lab Control Sample	Soluble	Solid	300.0	93417
LCSD 880-93417/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93417
880-49784-80 MS	T-7 (6')	Soluble	Solid	300.0	93417
880-49784-80 MSD	T-7 (6')	Soluble	Solid	300.0	93417
880-49784-90 MS	T-8 (7')	Soluble	Solid	300.0	93417
880-49784-90 MSD	T-8 (7')	Soluble	Solid	300.0	93417

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-49784-1
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 23:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 17:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 17:31	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 00:46	CH	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-49784-2
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 18:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 00:51	CH	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-49784-3
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 18:33	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 00:57	CH	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-49784-4
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:53	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-49784-4
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/16/24 18:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 18:48	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 01:02	CH	EET MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-49784-5
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 19:03	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 01:18	CH	EET MID

Client Sample ID: T-1 (5')

Lab Sample ID: 880-49784-6
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 19:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 01:24	CH	EET MID

Client Sample ID: T-1 (6')

Lab Sample ID: 880-49784-7
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 19:36	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (6')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-7
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	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 01:29	CH	EET MID

Client Sample ID: T-1 (7')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 02:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 19:51	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 01:34	CH	EET MID

Client Sample ID: T-1 (8')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 02:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 20:08	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 01:40	CH	EET MID

Client Sample ID: T-1 (9')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-10
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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 02:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 20:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 01:45	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (10')

Lab Sample ID: 880-49784-11
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 04:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 20:55	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 02:01	CH	EET MID

Client Sample ID: T-1 (11')

Lab Sample ID: 880-49784-12
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 05:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 21:11	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 02:07	CH	EET MID

Client Sample ID: T-1 (12')

Lab Sample ID: 880-49784-13
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 02:23	CH	EET MID

Client Sample ID: T-1 (13')

Lab Sample ID: 880-49784-14
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 05:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:48	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (13')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-14
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			93554	10/16/24 21:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 21:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:28	CH	EET MID

Client Sample ID: T-1 (14')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-15
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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 06:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 21:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:34	CH	EET MID

Client Sample ID: T-2 (0-1')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-16
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			5.02 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 06:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:39	CH	EET MID

Client Sample ID: T-2 (1.5')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-17
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			5.01 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 06:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 22:30	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-49784-17
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:45	CH	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-49784-18
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 07:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 22:47	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:50	CH	EET MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-49784-19
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 07:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 07:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 23:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 23:02	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 02:56	CH	EET MID

Client Sample ID: T-2 (4')

Lab Sample ID: 880-49784-20
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 07:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 23:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 23:19	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 22:28	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (5')

Lab Sample ID: 880-49784-21
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 22:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 17:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 17:02	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/16/24 22:44	CH	EET MID

Client Sample ID: T-2 (6')

Lab Sample ID: 880-49784-22
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 23:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 17:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 17:49	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93452	10/16/24 22:49	CH	EET MID

Client Sample ID: T-2 (7')

Lab Sample ID: 880-49784-23
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 23:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 18:05	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/16/24 22:54	CH	EET MID

Client Sample ID: T-2 (8')

Lab Sample ID: 880-49784-24
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 23:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:47	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (8')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-24
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			93554	10/17/24 18:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 18:21	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:00	CH	EET MID

Client Sample ID: T-2 (9')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-25
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			5.02 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 00:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 18:38	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:16	CH	EET MID

Client Sample ID: T-2 (10')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-26
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			5.05 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 00:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 18:54	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93452	10/16/24 23:21	CH	EET MID

Client Sample ID: T-2 (11')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-27
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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 00:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 19:12	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (11')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-27
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			4.96 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93452	10/16/24 23:27	CH	EET MID

Client Sample ID: T-3 (0-1')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-28
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			5.00 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 01:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 19:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:32	CH	EET MID

Client Sample ID: T-3 (1.5')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-29
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			4.99 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 19:45	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:38	CH	EET MID

Client Sample ID: T-3 (2')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-30
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			5.03 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 20:01	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:43	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3')

Lab Sample ID: 880-49784-31
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 03:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 20:34	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/16/24 23:59	CH	EET MID

Client Sample ID: T-3 (4')

Lab Sample ID: 880-49784-32
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 20:49	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	93452	10/17/24 00:04	CH	EET MID

Client Sample ID: T-3 (5')

Lab Sample ID: 880-49784-33
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 04:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 21:06	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/17/24 00:21	CH	EET MID

Client Sample ID: T-3 (6')

Lab Sample ID: 880-49784-34
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:27	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-34
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			93554	10/17/24 21:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 21:21	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:26	CH	EET MID

Client Sample ID: T-3 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-35
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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 04:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 21:38	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:31	CH	EET MID

Client Sample ID: T-3 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-36
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			5.02 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 21:53	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:37	CH	EET MID

Client Sample ID: T-3 (9')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-37
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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 05:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 22:09	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (9')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-37
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			5.02 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:42	CH	EET MID

Client Sample ID: T-3 (10')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-38
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			5.03 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 22:25	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:48	CH	EET MID

Client Sample ID: T-3 (11')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-39
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			4.98 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 06:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 22:41	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:53	CH	EET MID

Client Sample ID: T-3 (12')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-40
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			5.04 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 06:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 22:59	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 07:32	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (13')

Lab Sample ID: 880-49784-41
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 21:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 21:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 17:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 17:31	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 07:53	CH	EET MID

Client Sample ID: T-3 (14')

Lab Sample ID: 880-49784-42
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 21:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 21:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 18:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 07:59	CH	EET MID

Client Sample ID: T-3 (15')

Lab Sample ID: 880-49784-43
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 21:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 18:33	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:06	CH	EET MID

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-49784-44
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 22:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:12	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-49784-44
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/16/24 18:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 18:48	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 08:13	CH	EET MID

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-49784-45
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 22:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 19:03	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:34	CH	EET MID

Client Sample ID: T-4 (2')

Lab Sample ID: 880-49784-46
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 22:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 19:21	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:41	CH	EET MID

Client Sample ID: T-4 (3')

Lab Sample ID: 880-49784-47
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 19:36	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (3')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-47
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	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:48	CH	EET MID

Client Sample ID: T-4 (4')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-48
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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 23:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 19:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:54	CH	EET MID

Client Sample ID: T-5 (0-1')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-49
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			4.99 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 23:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 20:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:01	CH	EET MID

Client Sample ID: T-5 (1.5')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-50
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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 20:23	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:08	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2')

Lab Sample ID: 880-49784-51
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 20:55	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:29	CH	EET MID

Client Sample ID: T-5 (3')

Lab Sample ID: 880-49784-52
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 02:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 21:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:36	CH	EET MID

Client Sample ID: T-5 (4')

Lab Sample ID: 880-49784-53
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.0 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 21:27	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:56	CH	EET MID

Client Sample ID: T-5 (5')

Lab Sample ID: 880-49784-54
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 02:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:41	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (5')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-54
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			93554	10/16/24 21:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 21:43	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 10:03	CH	EET MID

Client Sample ID: T-5 (6')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-55
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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 03:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 21:59	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 10:10	CH	EET MID

Client Sample ID: T-5 (7')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-56
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			5.02 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 03:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 10:17	CH	EET MID

Client Sample ID: T-5 (8')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-57
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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 03:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 22:30	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (8')

Lab Sample ID: 880-49784-57
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 10:24	CH	EET MID

Client Sample ID: T-5 (9')

Lab Sample ID: 880-49784-58
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 04:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 22:47	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	93457	10/17/24 10:31	CH	EET MID

Client Sample ID: T-5 (10')

Lab Sample ID: 880-49784-59
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 04:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 23:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 23:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 10:38	CH	EET MID

Client Sample ID: T-5 (11')

Lab Sample ID: 880-49784-60
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 23:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 23:19	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 01:36	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (12')
Lab Sample ID: 880-49784-61
Date Collected: 10/07/24 00:00
Matrix: Solid
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 17:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 17:02	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 01:52	CH	EET MID

Client Sample ID: T-5 (13')
Lab Sample ID: 880-49784-62
Date Collected: 10/07/24 00:00
Matrix: Solid
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 23:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 17:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 17:49	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 01:58	CH	EET MID

Client Sample ID: T-5 (14')
Lab Sample ID: 880-49784-63
Date Collected: 10/07/24 00:00
Matrix: Solid
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 23:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 18:05	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 02:03	CH	EET MID

Client Sample ID: T-6 (0-1')
Lab Sample ID: 880-49784-64
Date Collected: 10/07/24 00:00
Matrix: Solid
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:42	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-49784-64
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/17/24 18:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 18:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 02:09	CH	EET MID

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-49784-65
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 18:38	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 02:25	CH	EET MID

Client Sample ID: T-6 (2')

Lab Sample ID: 880-49784-66
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 00:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 18:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 02:30	CH	EET MID

Client Sample ID: T-6 (3')

Lab Sample ID: 880-49784-67
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 00:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 19:12	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-67
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			4.96 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 02:35	CH	EET MID

Client Sample ID: T-6 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-68
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			5.02 g	5 mL	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 01:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 19:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93458	10/17/24 02:41	CH	EET MID

Client Sample ID: T-6 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-69
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 01:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 19:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 02:46	CH	EET MID

Client Sample ID: T-6 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-70
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 20:01	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93458	10/17/24 02:52	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (7')

Lab Sample ID: 880-49784-71
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 20:34	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 03:08	CH	EET MID

Client Sample ID: T-6 (8')

Lab Sample ID: 880-49784-72
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 20:49	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 03:13	CH	EET MID

Client Sample ID: T-6 (9')

Lab Sample ID: 880-49784-73
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 21:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 03:30	CH	EET MID

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-49784-74
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 04:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:21	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-49784-74
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/17/24 21:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 21:21	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 03:35	CH	EET MID

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-49784-75
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 21:38	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 03:40	CH	EET MID

Client Sample ID: T-7 (2')

Lab Sample ID: 880-49784-76
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 05:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 21:53	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 03:46	CH	EET MID

Client Sample ID: T-7 (3')

Lab Sample ID: 880-49784-77
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 05:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 22:09	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (3')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-77
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	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 03:51	CH	EET MID

Client Sample ID: T-7 (4')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-78
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 05:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 22:25	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93458	10/17/24 03:57	CH	EET MID

Client Sample ID: T-7 (5')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-79
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 06:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 22:41	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93458	10/17/24 04:02	CH	EET MID

Client Sample ID: T-7 (6')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-80
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 06:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 22:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93464	10/19/24 15:59	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (7')

Lab Sample ID: 880-49784-81
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 11:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 11:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 19:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 16:20	CH	EET MID

Client Sample ID: T-7 (8')

Lab Sample ID: 880-49784-82
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 11:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 11:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 20:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 16:27	CH	EET MID

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-49784-83
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 11:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 11:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 20:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 16:34	CH	EET MID

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-49784-84
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 12:15	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-49784-84
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/16/24 20:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 20:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 16:41	CH	EET MID

Client Sample ID: T-8 (2')

Lab Sample ID: 880-49784-85
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 12:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 12:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 20:53	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93464	10/19/24 17:01	CH	EET MID

Client Sample ID: T-8 (3')

Lab Sample ID: 880-49784-86
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 12:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 21:08	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93464	10/19/24 17:08	CH	EET MID

Client Sample ID: T-8 (4')

Lab Sample ID: 880-49784-87
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 13:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 21:23	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (4')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-87
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	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93464	10/19/24 17:15	CH	EET MID

Client Sample ID: T-8 (5')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-88
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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 13:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 21:37	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93464	10/19/24 17:22	CH	EET MID

Client Sample ID: T-8 (6')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-89
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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 13:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 21:52	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93464	10/19/24 17:29	CH	EET MID

Client Sample ID: T-8 (7')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-90
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			5.02 g	5 mL	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 14:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 22:07	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 17:36	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-91

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			5.02 g	5 mL	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 15:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 15:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 22:36	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 17:57	CH	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: NGL-Tie In

Job ID: 880-49784-1
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	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
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: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49784-1	T-1 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-2	T-1 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-3	T-1 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-4	T-1 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-5	T-1 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-6	T-1 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-7	T-1 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-8	T-1 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-9	T-1 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-10	T-1 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-11	T-1 (10')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-12	T-1 (11')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-13	T-1 (12')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-14	T-1 (13')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-15	T-1 (14')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-16	T-2 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-17	T-2 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-18	T-2 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-19	T-2 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-20	T-2 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-21	T-2 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-22	T-2 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-23	T-2 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-24	T-2 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-25	T-2 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-26	T-2 (10')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-27	T-2 (11')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-28	T-3 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-29	T-3 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-30	T-3 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-31	T-3 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-32	T-3 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-33	T-3 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-34	T-3 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-35	T-3 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-36	T-3 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-37	T-3 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-38	T-3 (10')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-39	T-3 (11')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-40	T-3 (12')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-41	T-3 (13')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-42	T-3 (14')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-43	T-3 (15')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-44	T-4 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-45	T-4 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-46	T-4 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-47	T-4 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-48	T-4 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-49	T-5 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-50	T-5 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-51	T-5 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-52	T-5 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-53	T-5 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-54	T-5 (5')	Solid	10/07/24 00:00	10/14/24 15:50

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49784-55	T-5 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-56	T-5 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-57	T-5 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-58	T-5 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-59	T-5 (10')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-60	T-5 (11')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-61	T-5 (12')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-62	T-5 (13')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-63	T-5 (14')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-64	T-6 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-65	T-6 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-66	T-6 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-67	T-6 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-68	T-6 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-69	T-6 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-70	T-6 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-71	T-6 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-72	T-6 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-73	T-6 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-74	T-7 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-75	T-7 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-76	T-7 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-77	T-7 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-78	T-7 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-79	T-7 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-80	T-7 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-81	T-7 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-82	T-7 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-83	T-8 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-84	T-8 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-85	T-8 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-86	T-8 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-87	T-8 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-88	T-8 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-89	T-8 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-90	T-8 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-91	T-8 (8')	Solid	10/07/24 00:00	10/14/24 15:50

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Chain of Custody

880-49784 Chain of Custody

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.7
Total Containers:		Corrected Temperature:	-3.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-1 (0-1')	10/7/2024		X		G	1	x	x	x	
T-1 (1.5')	10/7/2024		X		G	1	x	x	x	
T-1 (2')	10/7/2024		X		G	1	x	x	x	
T-1 (3')	10/7/2024		X		G	1	x	x	x	
T-1 (4')	10/7/2024		X		G	1	x	x	x	
T-1 (5')	10/7/2024		X		G	1	x	x	x	
T-1 (6')	10/7/2024		X		G	1	x	x	x	
T-1 (7')	10/7/2024		X		G	1	x	x	x	
T-1 (8')	10/7/2024		X		G	1	x	x	x	
T-1 (9')	10/7/2024		X		G	1	x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
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Chain of Custody

Work Order No: _____

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-1 (10')	10/7/2024		X		G	1		x	x	x	
T-1 (11')	10/7/2024		X		G	1		x	x	x	
T-1 (12')	10/7/2024		X		G	1		x	x	x	
T-1 (13')	10/7/2024		X		G	1		x	x	x	
T-1 (14')	10/7/2024		X		G	1		x	x	x	
T-2 (0-1')	10/7/2024		X		G	1		x	x	x	
T-2 (1.5')	10/7/2024		X		G	1		x	x	x	
T-2 (2')	10/7/2024		X		G	1		x	x	x	
T-2 (3')	10/7/2024		X		G	1		x	x	x	
T-2 (4')	10/7/2024		X		G	1		x	x	x	

Comments:

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Chain of Custody

Work Order No: _____

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-2 (5')	10/7/2024		X		G	1		x	x	x	
T-2 (6')	10/7/2024		X		G	1		x	x	x	
T-2 (7')	10/7/2024		X		G	1		x	x	x	
T-2 (8')	10/7/2024		X		G	1		x	x	x	
T-2 (9')	10/7/2024		X		G	1		x	x	x	
T-2 (10')	10/7/2024		X		G	1		x	x	x	
T-2 (11')	10/7/2024		X		G	1		x	x	x	
T-3 (0-1')	10/7/2024		X		G	1		x	x	x	
T-3 (1.5')	10/7/2024		X		G	1		x	x	x	
T-3 (2')	10/7/2024		X		G	1		x	x	x	

Comments:

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Chain of Custody

Work Order No: _____

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-3 (3')	10/7/2024		X		G	1		x	x	x	
T-3 (4')	10/7/2024		X		G	1		x	x	x	
T-3 (5')	10/7/2024		X		G	1		x	x	x	
T-3 (6')	10/7/2024		X		G	1		x	x	x	
T-3 (7')	10/7/2024		X		G	1		x	x	x	
T-3 (8')	10/7/2024		X		G	1		x	x	x	
T-3 (9')	10/7/2024		X		G	1		x	x	x	
T-3 (10')	10/7/2024		X		G	1		x	x	x	
T-3 (11')	10/7/2024		X		G	1		x	x	x	
T-3 (12')	10/7/2024		X		G	1		x	x	x	

Comments:

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Chain of Custody

Work Order No: _____

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-3 (13')	10/7/2024		X		G	1		x	x	x	
T-3 (14')	10/7/2024		X		G	1		x	x	x	
T-3 (15')	10/7/2024		X		G	1		x	x	x	
T-4 (0-1')	10/7/2024		X		G	1		x	x	x	
T-4 (1.5')	10/7/2024		X		G	1		x	x	x	
T-4 (2')	10/7/2024		X		G	1		x	x	x	
T-4 (3')	10/7/2024		X		G	1		x	x	x	
T-4 (4')	10/7/2024		X		G	1		x	x	x	
T-5 (0-1')	10/7/2024		X		G	1		x	x	x	
T-5 (1.5')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 1550

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Chain of Custody

Work Order No: _____

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-5 (2')	10/7/2024		X		G	1		x	x	x	
T-5 (3')	10/7/2024		X		G	1		x	x	x	
T-5 (4')	10/7/2024		X		G	1		x	x	x	
T-5 (5')	10/7/2024		X		G	1		x	x	x	
T-5 (6')	10/7/2024		X		G	1		x	x	x	
T-5 (7')	10/7/2024		X		G	1		x	x	x	
T-5 (8')	10/7/2024		X		G	1		x	x	x	
T-5 (9')	10/7/2024		X		G	1		x	x	x	
T-5 (10')	10/7/2024		X		G	1		x	x	x	
T-5 (11')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
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Chain of Custody

Work Order No: _____

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-5 (12')	10/7/2024		X		G	1		x	x	x	
T-5 (13')	10/7/2024		X		G	1		x	x	x	
T-5 (14')	10/7/2024		X		G	1		x	x	x	
T-6 (0-1')	10/7/2024		X		G	1		x	x	x	
T-6 (1.5')	10/7/2024		X		G	1		x	x	x	
T-6 (2')	10/7/2024		X		G	1		x	x	x	
T-6 (3')	10/7/2024		X		G	1		x	x	x	
T-6 (4')	10/7/2024		X		G	1		x	x	x	
T-6 (5')	10/7/2024		X		G	1		x	x	x	
T-6 (6')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 KS

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Chain of Custody

Work Order No: _____

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-6 (7')	10/7/2024		X		G	1		x	x	x	
T-6 (8')	10/7/2024		X		G	1		x	x	x	
T-6 (9')	10/7/2024		X		G	1		x	x	x	
T-7 (0-1')	10/7/2024		X		G	1		x	x	x	
T-7 (1.5')	10/7/2024		X		G	1		x	x	x	
T-7 (2')	10/7/2024		X		G	1		x	x	x	
T-7 (3')	10/7/2024		X		G	1		x	x	x	
T-7 (4')	10/7/2024		X		G	1		x	x	x	
T-7 (5')	10/7/2024		X		G	1		x	x	x	
T-7 (6')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
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Chain of Custody

Work Order No: _____

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-7 (7')	10/7/2024		X		G	1			x	x	x	
T-7 (8')	10/7/2024		X		G	1			x	x	x	
T-8 (0-1')	10/7/2024		X		G	1			x	x	x	
T-8 (1.5')	10/7/2024		X		G	1			x	x	x	
T-8 (2')	10/7/2024		X		G	1			x	x	x	
T-8 (3')	10/7/2024		X		G	1			x	x	x	
T-8 (4')	10/7/2024		X		G	1			x	x	x	
T-8 (5')	10/7/2024		X		G	1			x	x	x	
T-8 (6')	10/7/2024		X		G	1			x	x	x	
T-8 (7')	10/7/2024		X		G	1			x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
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Chain of Custody

Work Order No: 784

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

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

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-8 (8')	10/7/2024		X		G	1		x	x	x	

ANALYSIS REQUEST / Parameters

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-49784-1
SDG Number: Lea County, New Mexico

Login Number: 49784
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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

QUESTIONS

Action 417387

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417387
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2334143989**
Incident Name	**NAPP2334143989 SALADO DRAW 23 CENTRAL TANK BATTERY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fAPP2134340195] Salado Draw 23 Central Tank Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SALADO DRAW 23 CENTRAL TANK BATTERY
Date Release Discovered	12/03/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 29 BBL | Recovered: 0 BBL | Lost: 29 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 (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417387
	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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/06/2025

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417387
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 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	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	13900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1130
GRO+DRO (EPA SW-846 Method 8015M)	1130
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	03/01/2025
On what date will (or did) the final sampling or liner inspection occur	03/01/2025
On what date will (or was) the remediation complete(d)	04/15/2025
What is the estimated surface area (in square feet) that will be reclaimed	14100
What is the estimated volume (in cubic yards) that will be reclaimed	1994
What is the estimated surface area (in square feet) that will be remediated	14100
What is the estimated volume (in cubic yards) that will be remediated	1994
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417387
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	*Not answered.*
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	Milestone - Orla
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/06/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417387
	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 (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417387
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**336363**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/26/2024**
What was the (estimated) number of samples that were to be gathered	**33**
What was the sampling surface area in square feet	**6600**

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

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417387
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved under the following conditions; 1. Chevron must complete the excavation and removal of impacted soils until confirmation samples collected from the bottom and sidewalls of the excavation report NMOCD Closure Criteria per 19.15.29.12 NMAC has been achieved. 2. OCD approves the sampling frequency of 500 square feet per one 5-point composite sample for the excavation floor samples and 200 square feet for the sidewall samples. 3. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, Chevron must collect a minimum of one five-point composite from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. This is especially important for the material being used within the top 4 feet from the ground surface.	1/21/2025
nvelez	4. Chevron has 90-days (April 21, 2025) to submit to OCD its appropriate or final remediation closure report.	1/21/2025