CARMONA RESOURCES

SITE INFORMATION

Closure Report
Driver 14 Fed Com CTB
Lea County, New Mexico
Unit K Sec 14 T23S R33E
Incident #: NAPP2215750930
32.301900°, -103.544600°

Crude Oil Release
Point of Release: Divert Line on the Lact Unit was left open
Release Date: 05/23/2022
Volume Released: 15 barrels of Crude Oil
Volume Recovered: 10 barrels of Crude Oil

CARMONA RESOURCES

Prepared for:
EOG Resources, Inc
5509 Champions Dr.
Midland, TX 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

CARMONA RESOURCES

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310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

CARMONA RESOURCES

June 29, 2022

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

Re: Closure Report
Driver 14 Fed Com CTB
EOG Resources, Inc
Site Location: Unit K, S14, T23S, R33E
(Lat 32.301900º, Long -103.544600º)
Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Driver 14 Fed Com CTB. The site is located at 32.301900, -103.544600 within Unit K, S14, T23S, R33E, and in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 23, 2022, caused by the divert line on the LACT unit being left open. It resulted in releasing approximately fifteen (15) barrels of crude oil. A vacuum truck was dispatched to remove all freestanding fluids, recovering ten (10) barrels of crude oil. The impacted area measured approximately 105' x 10’ and 92' x 80', as shown in Figure 3. The initial C-141 form isattached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.38 miles Northeast of the site in S23, T12S, R33E and was drilled in 1996. The well has a reported depth to groundwater of 324' feet below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

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: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Initial Assessment/Trenches

On May 27, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of five (5) trenches (T-1 through T-5) and nine (9) horizontal sample points (H-1 through H-9) were installed to total depths ranging from surface to 5.0 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

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analysis and chain-of-custody documentation are includedin Appendix E. The sample locations are shown in Figure 3.

All areas were delineated vertically and horizontally, except T-3. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel was onsite from June 7, 2022, through June 9, 2022, to supervise the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on June 7, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of T-1 and T-5 were excavated to a depth of 2.0' below the surface, the area of T-2 was excavated to a depth of 4.0' below the surface, the area of T-3 was excavated to a depth of 5.0' below the surface, and the area of T-4 was excavated to a depth of 3.5'-4.5' below the surface to remove all the impacted soils. A total of thirty-nine (39) confirmation samples were collected (CS-1 through CS-39), and twenty-nine (29) sidewall samples (SW-1 through SW-29) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The sampling results are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

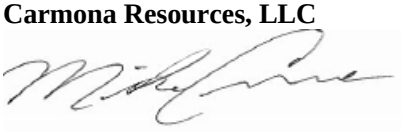
All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,016 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,
Carmona Resources, LLC



Mike Carmona
Environmental Manager

Ashton Thielke
Sr. Project Manager

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

FIGURES

CARMONA RESOURCES

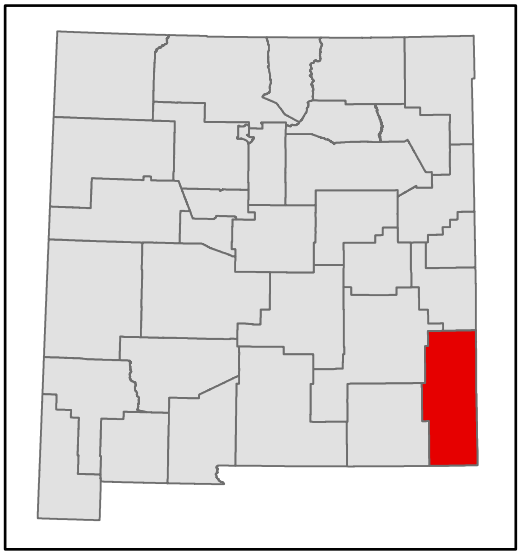
OVERVIEW MAP

EOG OPERATING
DRIVER 14 FC CTB
LEA COUNTY, NEW MEXICO
32.302311°, -103.545429°

N
W E
S

0 3 6 12
Miles

Site Location



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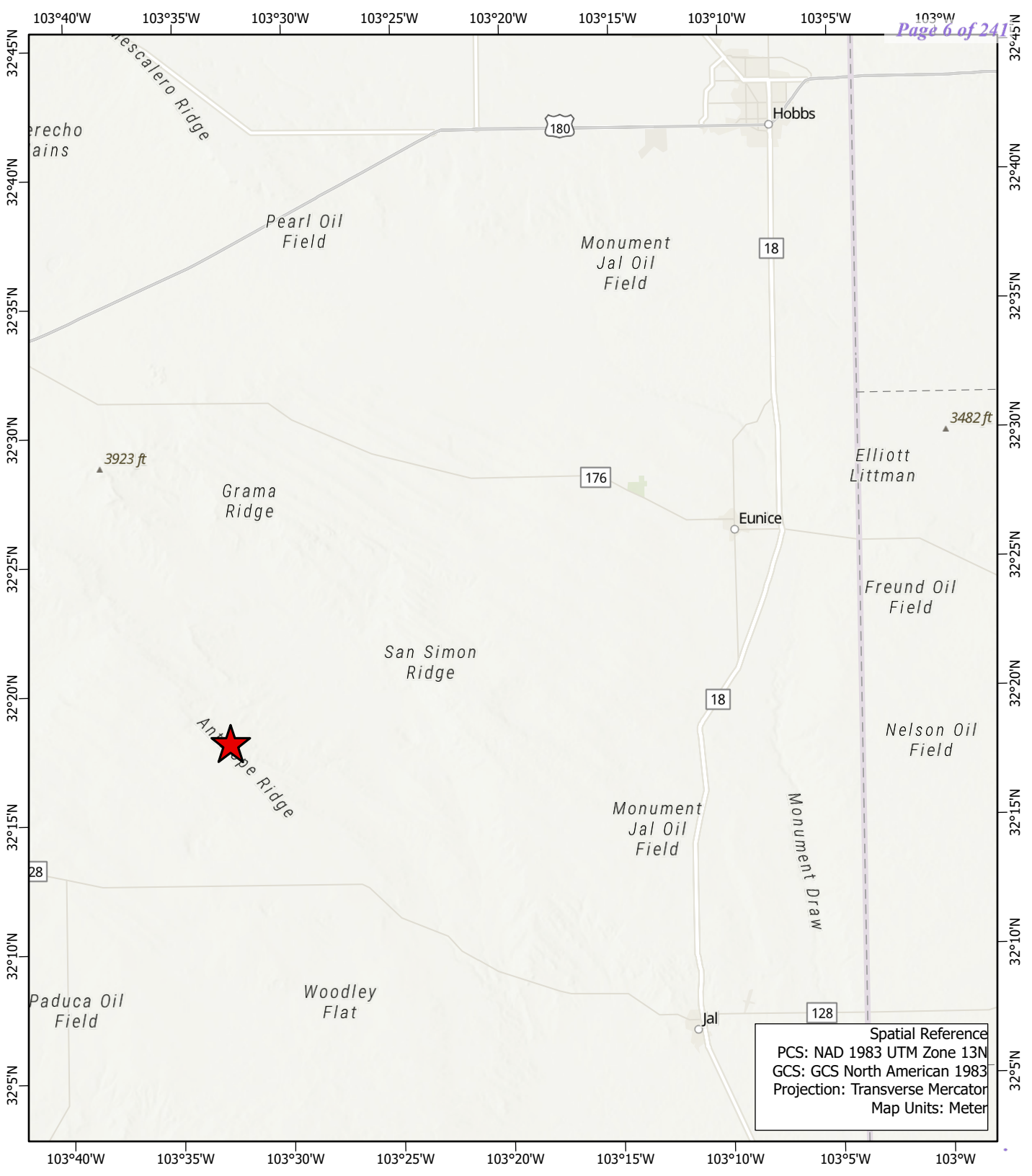
310 West Wall Street, Suite
415 Midland, Texas 79701

DRAWING NUMBER: **Figure 1**
SHEET NUMBER: **1 of 1**

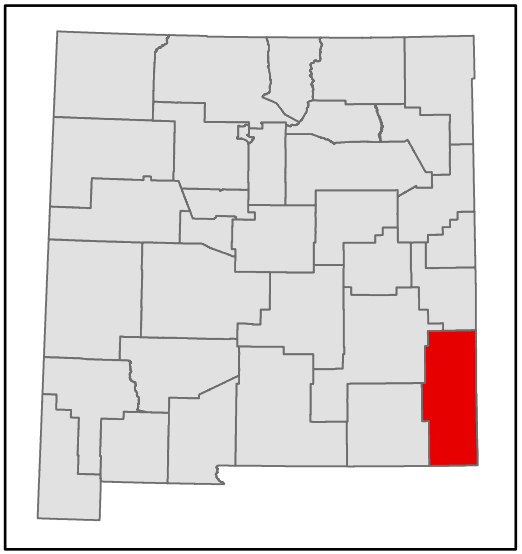


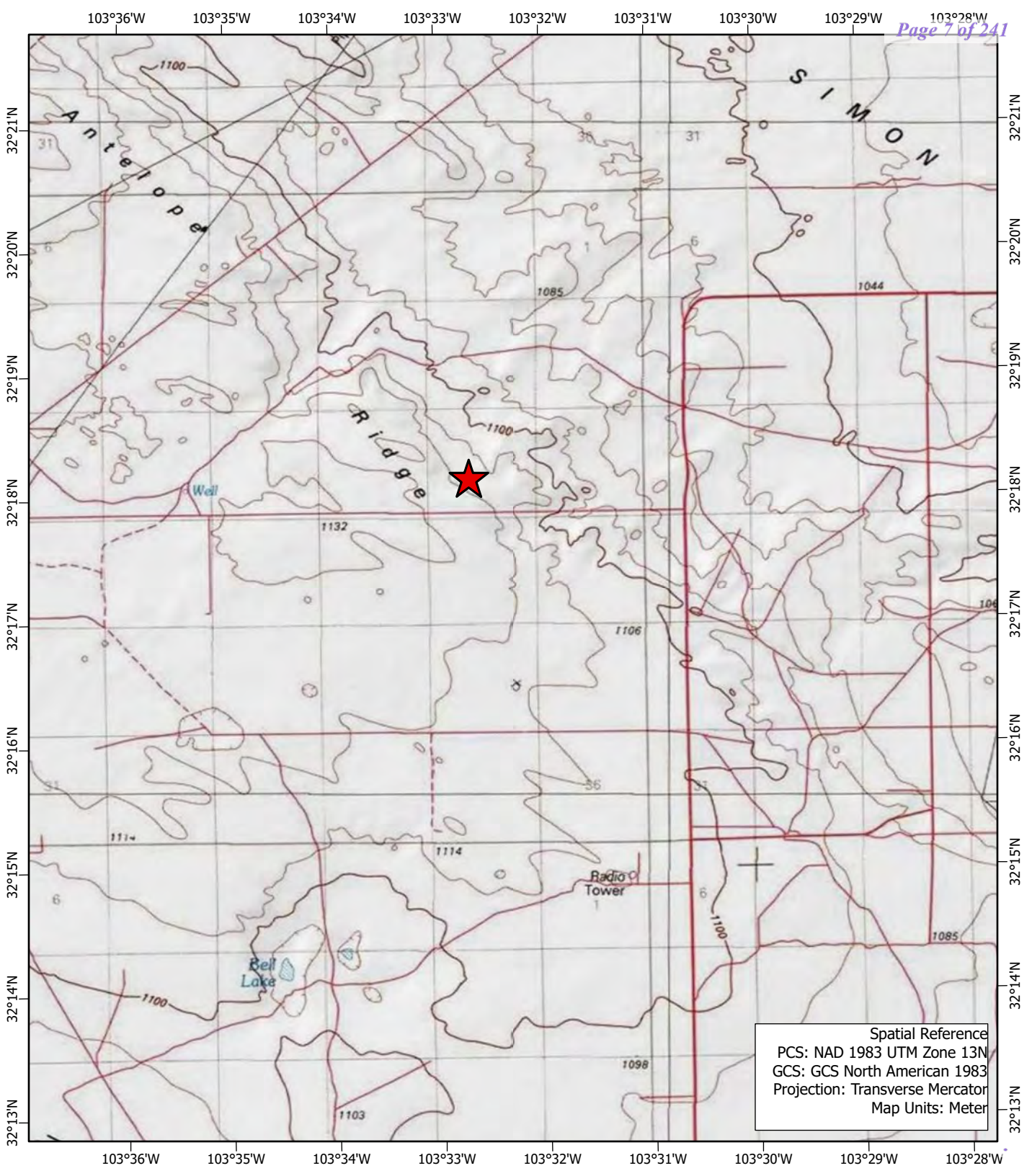
TOPOGRAPHIC MAP
EOG OPERATING
DRIVER 14 FC CTB
LEA COUNTY, NEW MEXICO
32.302311°, -103.545429°

N
W E
S

0 0.5 1 2
Miles

Site Location





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415 Midland, Texas 79701

DRAWING NUMBER: **Figure 2**
SHEET NUMBER: **1 of 1**

SAMPLE LOCATION MAP
EOG OPERATING
DRIVER 14 FC CTB
LEA COUNTY, NEW MEXICO
32.302311°, -103.545429°

0 30 60 120
Feet

Legend

- Riser
- Trench
- Horizontals
- Fence
- Overhead Powerlines
- Electrical
- Water (Buried)
- Gas (Buried)
- Area of Concern - Pad (0.5' Removed)
- Area of Concern - Pasture
- CTB Facility

Spatial Reference
PCS: NAD 1983 UTM Zone 13N
GCS: GCS North American 1983
Projection: Transverse Mercator
Map Units: Meter
Date Exported: 06/15/2022

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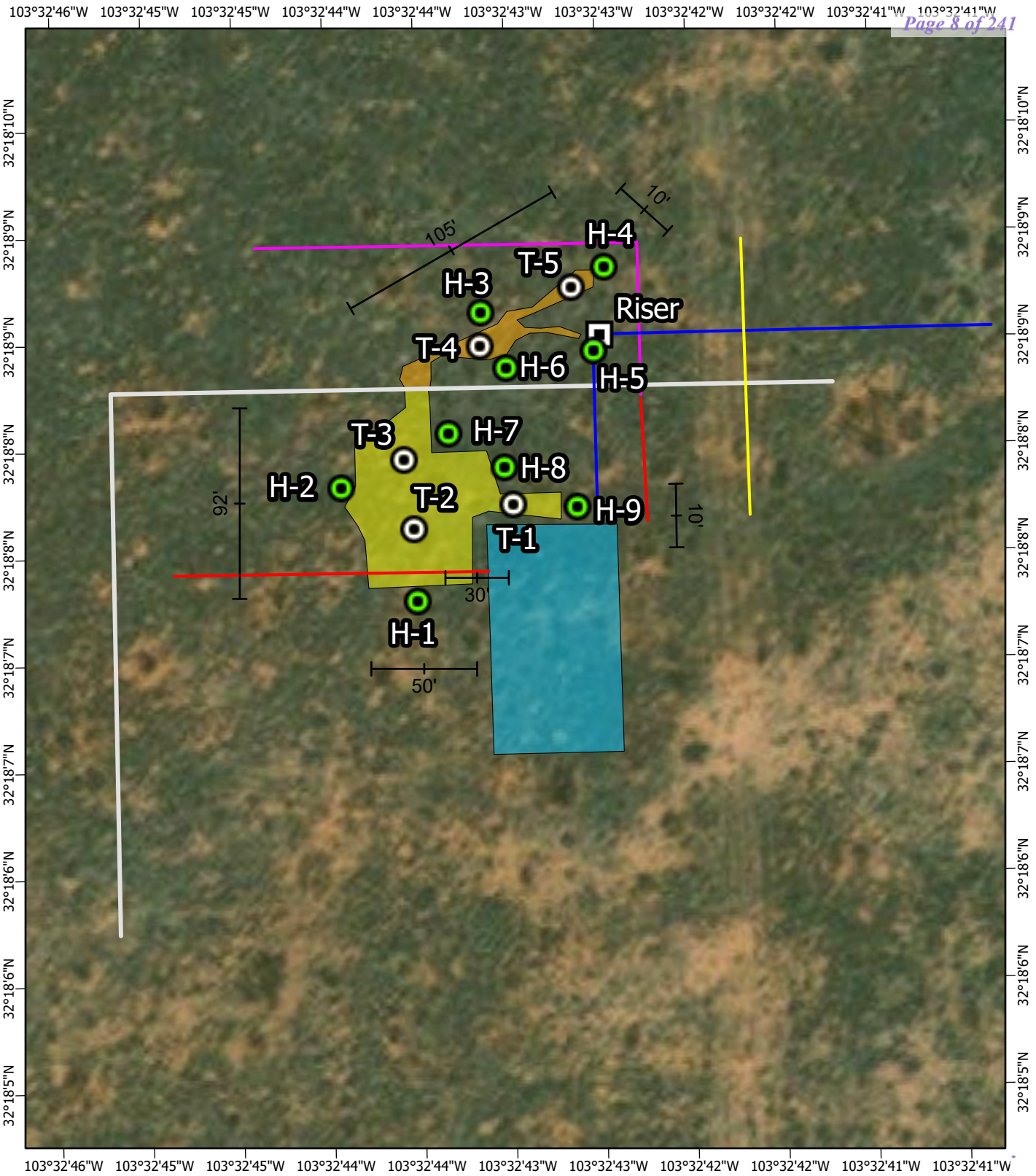
DRAWING NUMBER: **Figure 3**
SHEET NUMBER: **1 of 1**



EXCAVATION DEPTH MAP
EOG OPERATING
DRIVER 14 FC CTB
LEA COUNTY, NEW MEXICO
32.302311°, -103.545429°

0 10 20 40
Feet

Legend

- Riser
- Confirmation Samples
- Sidewall Samples
- Fence
- Overhead Powerlines
- Electrical
- Water (Buried)
- Gas (Buried)
- CTB Facility
- 2 ft Excavation
- 3.5 ft Excavation
- 5 ft Excavation
- 4 ft Excavation
- 4.5 Excavation

Spatial Reference
PCS: NAD 1983 UTM Zone 13N
GCS: GCS North American 1983
Projection: Transverse Mercator
Map Units: Meter
Date Exported: 06/15/2022

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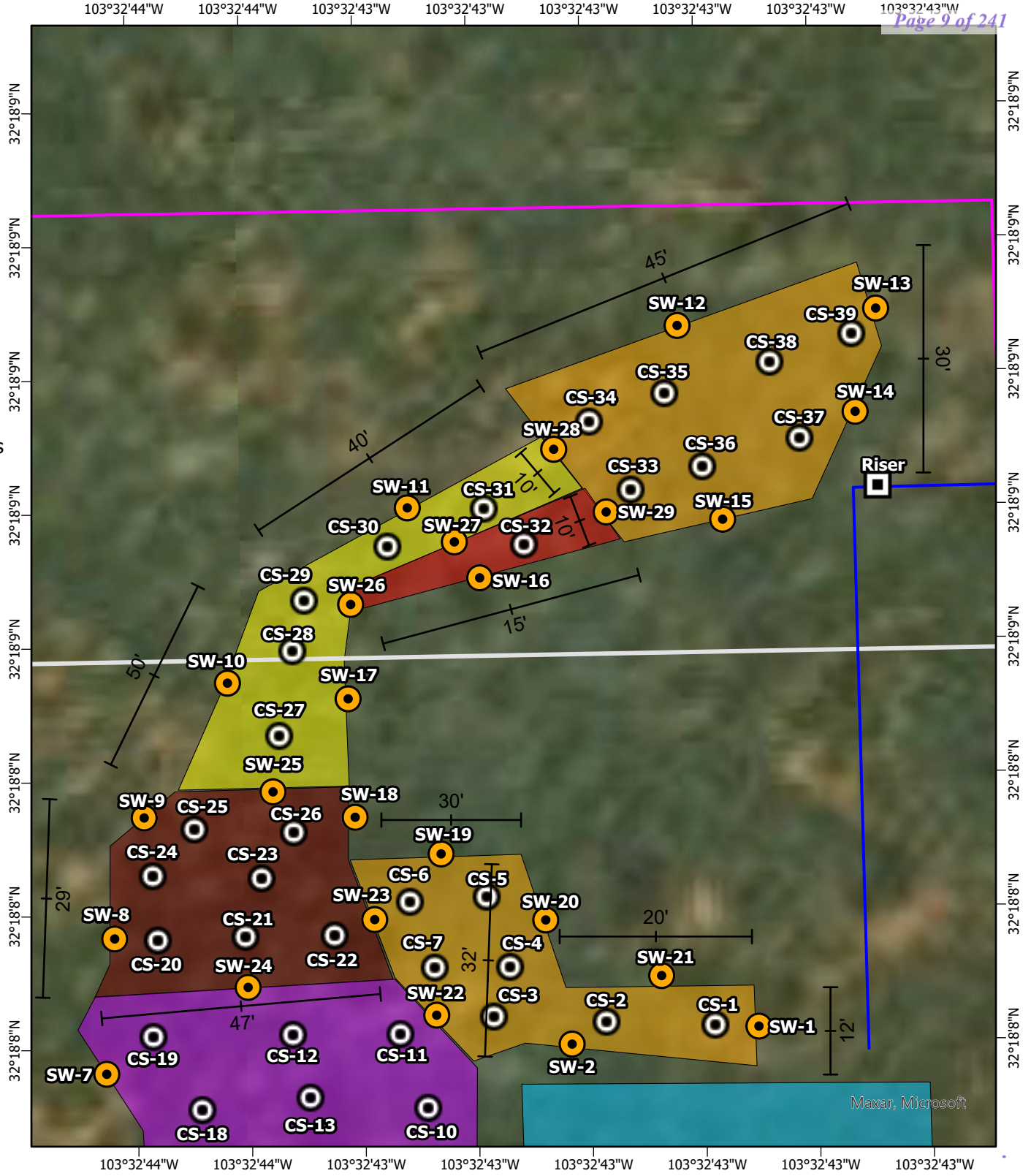
415 Midland, Texas 79701

DRAWING NUMBER: **Figure 4**
SHEET NUMBER: **1 of 3**



EXCAVATION DEPTH MAP
EOG OPERATING
DRIVER 14 FC CTB
LEA COUNTY, NEW MEXICO
32.302311°, -103.545429°

0 10 20 40
Feet

Legend

- Riser
- Confirmation Samples
- Sidewall Samples
- Fence
- Overhead Powerlines
- Electrical
- Water (Buried)
- Gas (Buried)
- CTB Facility
- 2 ft Excavation
- 3.5 ft Excavation
- 5 ft Excavation
- 4 ft Excavation
- 4.5 Excavation

Spatial Reference
PCS: NAD 1983 UTM Zone 13N
GCS: GCS North American 1983
Projection: Transverse Mercator
Map Units: Meter
Date Exported: 06/15/2022

CARMONA RESOURCES

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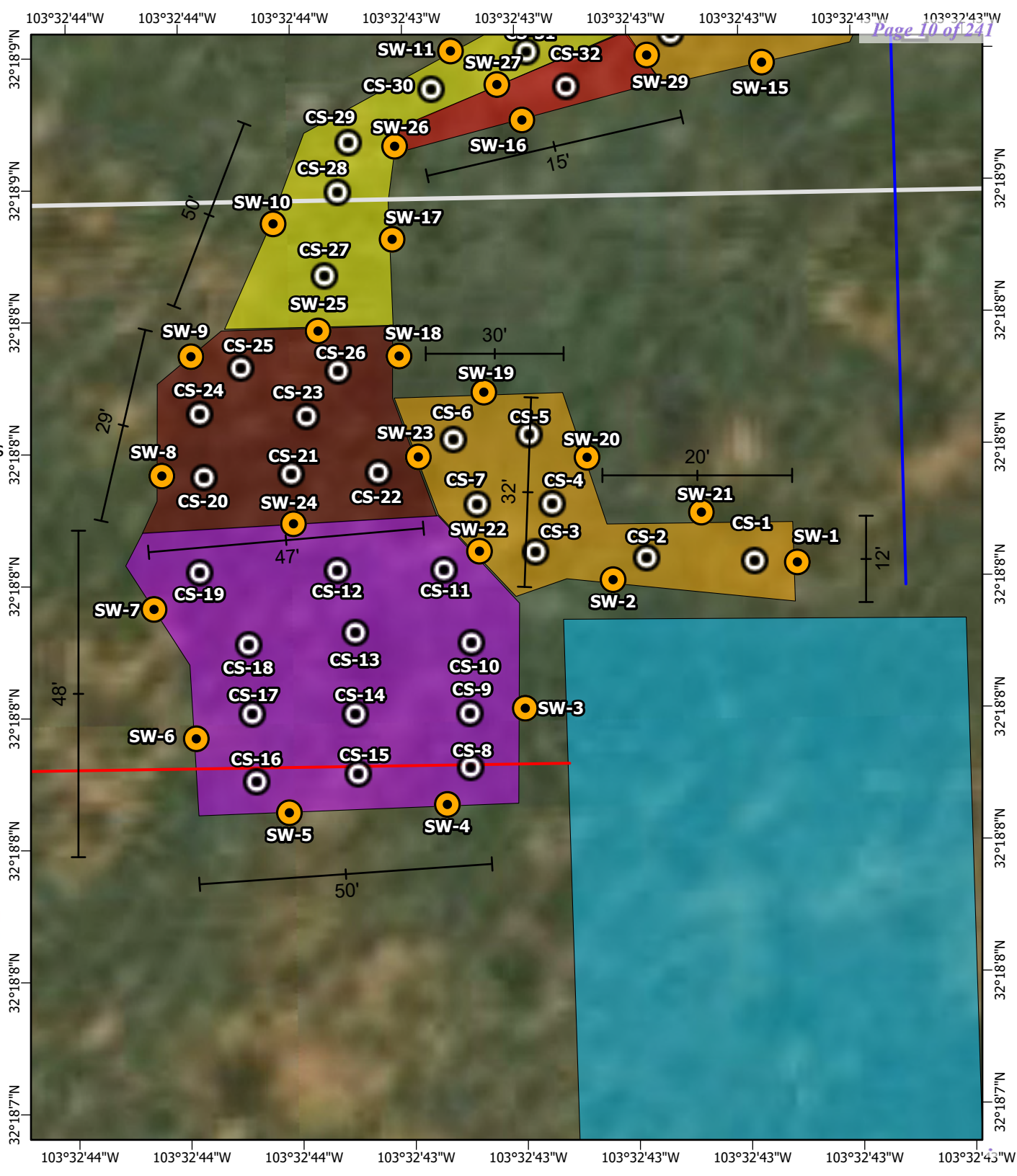
310 West Wall Street, Suite
415 Midland, Texas 79701

DRAWING NUMBER: **Figure 4**
SHEET NUMBER: **2 of 3**



EXCAVATION DEPTH MAP
EOG OPERATING
DRIVER 14 FC CTB
LEA COUNTY, NEW MEXICO
32.302311°, -103.545429°

0 20 40 80
Feet

Legend

- Riser
- Confirmation Samples
- Sidewall Samples
- Fence
- Overhead Powerlines
- Electrical
- Water (Buried)
- Gas (Buried)
- CTB Facility
- 2 ft Excavation
- 3.5 ft Excavation
- 5 ft Excavation
- 4 ft Excavation
- 4.5 Excavation

Spatial Reference
PCS: NAD 1983 UTM Zone 13N
GCS: GCS North American 1983
Projection: Transverse Mercator
Map Units: Meter
Date Exported: 06/15/2022

CARMONA RESOURCES

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DRAWING NUMBER: **Figure 4**
SHEET NUMBER: **3 of 3**

APPENDIX A

CARMONA RESOURCES

Table 1
EOG
Driver 14 FC CTB
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)
			C6-C10	>C10-C28	>C28-C36	Total C6-C36						
T-1	5/27/2022	0-1	**2,210**	**11,100**	**2,630**	**15,900**	3.40	**68.7**	33.6	**106**	**211**	125
	"	1.0	**2,620**	**14,400**	**3,540**	**20,600**	3.03	**69.6**	35.8	**110**	**218**	258
	"	2.0	<49.9	<49.9	<49.9	<49.9	0.00450	0.0125	0.00260	<0.00399	0.0196	12.5
	"	3.0	64.5	<50.0	<50.0	64.5	0.00260	0.00635	<0.00201	<0.00402	0.00895	10.3
	"	4.0	<49.9	<49.9	75.9	75.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.93
T-2	5/27/2022	0-1	**632**	**1,720**	**397**	**2,750**	5.64	**51.6**	21.0	**69.9**	**148**	75.9
	"	1.0	**895**	**2,540**	**566**	**4,000**	4.57	33.3	13.1	40.0	**91.0**	127
	"	2.0	<50.0	<50.0	**128**	**128**	0.0119	0.0287	0.00669	0.0211	0.0683	10.1
	"	3.0	54.9	<50.0	79.0	**134**	0.0123	0.0296	0.00535	0.0139	0.0612	8.80
	"	4.0	<49.9	<49.9	59.6	59.6	0.0107	0.0187	0.00247	<0.00398	0.0319	11.8
T-3	5/27/2022	0-1	<50.0	**1,650**	**342**	**1,990**	0.0108	0.0705	0.0282	0.0106	0.216	40.1
	"	1.0	62.9	**4,160**	**1,030**	**5,250**	0.0282	0.0990	0.0291	0.109	0.266	22.9
	"	2.0	<49.9	<49.9	<49.9	<49.9	0.00626	0.0178	0.00415	0.00420	0.0324	12.2
	"	3.0	<49.9	<49.9	**146**	**146**	0.0225	0.0554	0.00610	0.0124	0.0964	9.74
	"	4.0	<50.0	<50.0	**114**	**114**	<0.00200	0.00234	<0.00200	<0.00400	<0.00400	7.04
T-4	5/27/2022	0-1	**4,390**	**3,590**	**869**	**8,850**	0.124	**317**	0.150	0.434	**318**	10.5
	"	1.0	**5,950**	**5,190**	**1,350**	**12,500**	**49.3**	**288**	**54.6**	**160**	**552**	8.80
	"	2.0	**6,720**	**5,150**	**1,460**	**13,300**	**52.9**	**248**	46.1	**141**	**488**	5.38
	"	3.0	<50.0	<50.0	94.0	94.0	0.0263	0.0320	0.00611	0.0164	0.0809	7.47
	"	4.0	<49.9	<49.9	81.3	81.3	0.0357	0.0344	0.00594	0.0173	0.0934	11.0
	"	5.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.5
T-5	5/27/2022	0-1	**6,170**	**4,540**	<49.9	**10,700**	5.98	29.3	8.08	23.6	**67.0**	10.8
	"	1.0	**5,470**	**3,840**	<49.9	**9,310**	6.71	30.1	8.57	24.8	**70.2**	12.0
	"	2.0	<50.0	<50.0	<50.0	<50.0	0.00729	0.0202	0.00521	0.0179	0.0506	10.1
	"	3.0	<49.9	<49.9	<49.9	<49.9	0.00655	0.0123	0.00308	0.00613	0.0281	13.5
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.80
H-1	5/27/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00168	<0.00168	<0.00168	<0.00336	<0.00336	10.1
H-2	5/27/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.1
H-3	5/27/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	10.7
H-4	5/27/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	10.0
H-5	5/27/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	10.5
H-6	5/27/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.1
H-7	5/27/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	11.2
H-8	5/27/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	7.86
H-9	5/27/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11.2
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
(T) Trench
Removed

Table 2
EOG
Driver 14 FC CTB
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)
			C6-C12	>C12-C28	>C28-C35	Total C6-C35						
CS-1	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.5
CS-2	6/9/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	10.7
CS-3	6/9/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	12.2
CS-4	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.6
CS-5	6/9/2022	2.0	<50.0	<50.0	<50.0	<50.0	0.0259	0.0312	0.0371	0.118	0.212	10.8
CS-6	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.1
CS-7	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11.3
CS-8	6/9/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	9.65
CS-9	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	10.2
CS-10	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11.1
CS-11	6/9/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	10.9
CS-12	6/9/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.4
CS-13	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.5
CS-14	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.3
CS-15	6/9/2022	4.0	<49.9	<49.9	<49.9	<49.9	0.0172	0.00373	0.0348	0.103	0.159	10.7
CS-16	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8.74
CS-17	6/9/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.5
CS-18	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.4
CS-19	6/9/2022	4.0	<49.9	<49.9	<49.9	<49.9	0.0346	0.127	0.0647	0.0369	0.263	11.7
CS-20	6/9/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.5
CS-21	6/9/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	9.82
CS-22	6/9/2022	5.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.32
CS-23	6/9/2022	5.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.09
CS-24	6/9/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	9.02
CS-25	6/9/2022	5.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	8.05
CS-26	6/9/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.3
CS-27	6/9/2022	3.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	9.08
CS-28	6/9/2022	3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	9.87
CS-29	6/9/2022	3.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.47
CS-30	6/9/2022	3.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	7.69
CS-31	6/9/2022	3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.79
CS-32	6/9/2022	4.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.57
CS-33	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.3
CS-34	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.19
CS-35	6/9/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.1
CS-36	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	8.23
CS-37	6/9/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8.33
CS-38	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.69
CS-39	6/9/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.56

Table 2
EOG
Driver 14 FC CTB
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)
			C6-C12	>C12-C28	>C28-C35	Total C6-C35						
SW-1	6/9/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.60
SW-2	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	14.0
SW-3	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.98
SW-4	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	11.7
SW-5	6/9/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.95
SW-6	6/9/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9.31
SW-7	6/9/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	9.30
SW-8	6/9/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	9.49
SW-9	6/9/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.43
SW-10	6/9/2022	3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.6
SW-11	6/9/2022	3.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.03
SW-12	6/9/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	8.26
SW-13	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11.8
SW-14	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.39
SW-15	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.0
SW-16	6/9/2022	4.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	8.95
SW-17	6/9/2022	3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	12.0
SW-18	6/9/2022	5.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9.38
SW-19	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	8.23
SW-20	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.40
SW-21	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.36
SW-22	6/9/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	12.1
SW-23	6/9/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	22.7
SW-24	6/9/2022	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.7
SW-25	6/9/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.8
SW-26	6/9/2022	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.6
SW-27	6/9/2022	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.0
SW-28	6/9/2022	2.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.6
SW-29	6/9/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.83
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
(CS) Confirmation Floor Sample
(SW) Confirmation Sidewall Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

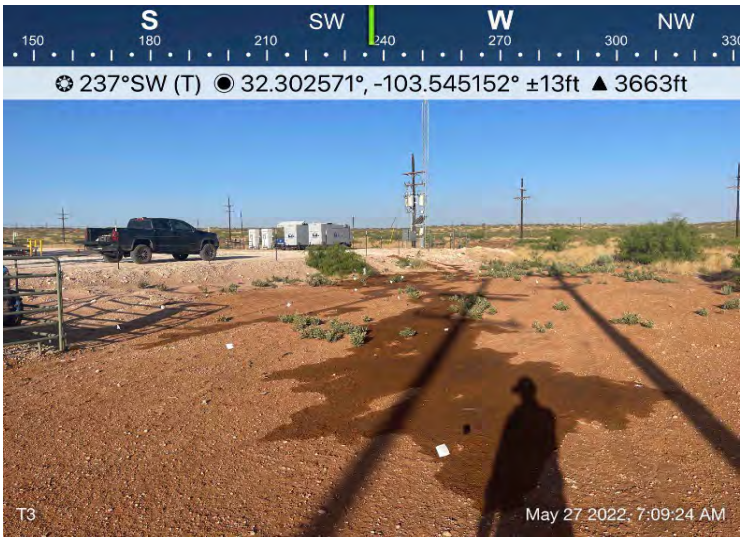
EOG Resources

Photograph No. 1

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View Southwest, aera of impact.

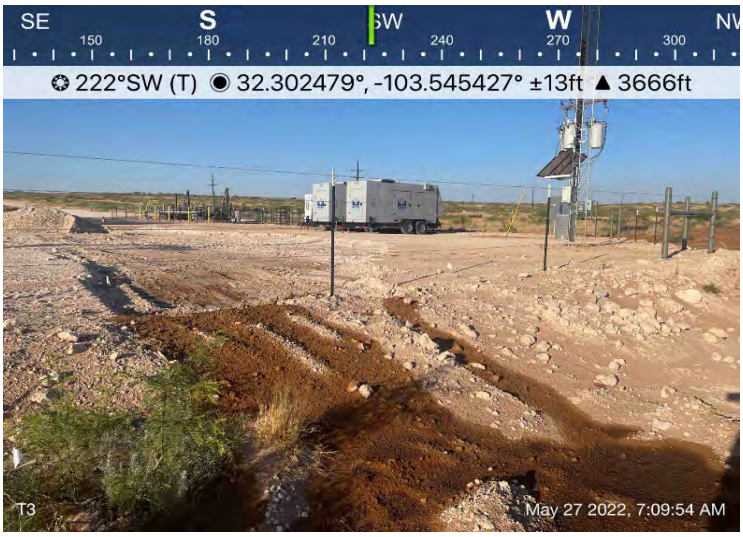


Photograph No. 2

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View Southwest, area of impact.



Photograph No. 3

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View Southwest, area of impact.

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View West, area of confirmation samples (1-5).

Photograph No. 5

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View East, area of confirmation samples (1-19).

Photograph No. 6

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View Northwest, area of confirmation samples (3-27).

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 7

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View South, area of confirmation samples (6-27).

Photograph No. 8

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

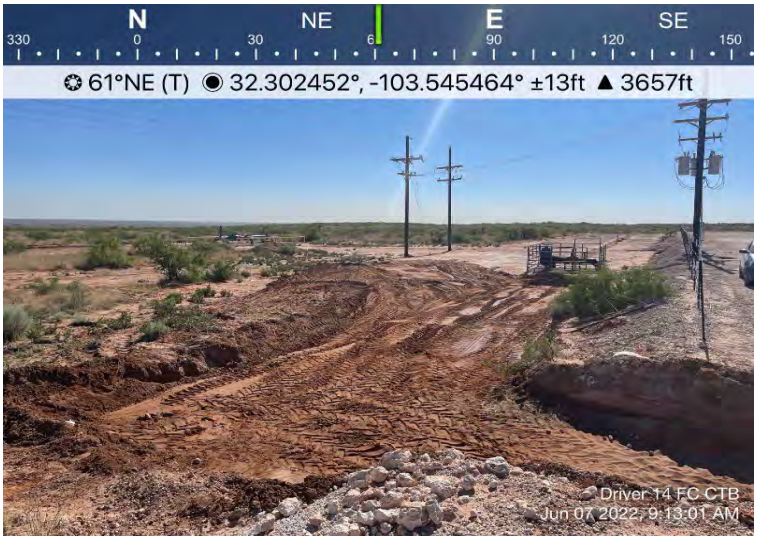
Description:
View Northeast, area of confirmation samples (25-32).

Photograph No. 9

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View Northeast, area of confirmation samples (29-39).



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 10

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View Northeast, area of confirmation samples (25-29).

Photograph No. 11

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View East, area of confirmation samples (30-39).

Photograph No. 12

Facility: Driver 14 Fed Com CTB

County: Lea County, New Mexico

Description:
View East, area of confirmation samples (33-39).

APPENDIX C

CARMONA RESOURCES

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	nAPP2215750930
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # *(assigned by OCD)* nAPP2215750930
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.301900° Longitude -103.544600°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Driver 14 Fed Com CTB	Site Type CTB
Date Release Discovered 5/23/22	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
K	14	23S	33E	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) 15	Volume Recovered (bbls) 10
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The divert line on the LACT unit was left open and released approximately 15 bbls of crude oil in containment, on the pad and in the pipeline ROW with 10 bbls recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2215750930
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 6/6/22

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Jocelyn Harimon Date: 06/06/2022

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

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

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

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

☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 07/08/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: Nobui, Jennifer, EMNRD
Sent: Tuesday, June 7, 2022 5:33 PM
To: Mike Carmona
Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject: FW: [EXTERNAL] EOG Driver 14 Fed Com CTB (NAPP2215750930) Sampling Notification

Mike

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Tuesday, June 7, 2022 4:30 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: Fw: [EXTERNAL] EOG Driver 14 Fed Com CTB (NAPP2215750930) Sampling Notification

From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Tuesday, June 7, 2022 2:55 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Todd Wells <Todd_Wells@eogresources.com>; Conner Moehring <Cmoehring@carmonaresources.com>
Subject: [EXTERNAL] EOG Driver 14 Fed Com CTB (NAPP2215750930) Sampling Notification

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

Good Morning,

On behalf of EOG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the at-risk remediation on 6/09/22 around 3 p.m. Mountain Time. Please let me know if you have any questions.

EOG Driver 14 FC CTB
Sec 14 T23S R33E Unit K
32.3019000°, -103.5446000°
Lea County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415

Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com

APPENDIX D

CARMONA RESOURCES

NEAREST WATER WELLS

EOG RESOURCES

LOW KARST
EOG RESOURCES

Legend
Driver 14 FC CTB
High
Low
Medium

Oil Center
Eunice
Driver 14 FC CTB
10 mi
N

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

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03582 POD1	C	LE	4	1	1	14	23S	33E	636583	3575666	946	590		
C 02283	CUB	LE	4	2	2	26	23S	33E	637896	3572431*	2552	325	225	100
C 04353 POD1	CUB	ED	4	2	2	24	23S	33E	639474	3574098	2556	603	330	273
C 02282	CUB	LE	3	1	1	25	23S	33E	638098	3572436*	2623	325	225	100
C 02284	CUB	LE	4	2	4	26	23S	33E	637907	3571626*	3323	325	225	100
C 02278	CUB	LE	3	4	2	28	23S	33E	634484	3571989*	3811	650	400	250

Average Depth to Water: **281 feet**
Minimum Depth: **225 feet**
Maximum Depth: **400 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 637024.33 **Northing (Y):** 3574829.94 **Radius:** 4000

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 02283	4	2	2	26	23S	33E	637896	3572431*

Driller License: **Driller Company:**

Driller Name: YANK BRININSTOOL

Drill Start Date:		**Drill Finish Date:**	12/31/1940	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	3 GPM
Casing Size:	6.50	**Depth Well:**	325 feet	**Depth Water:**	225 feet

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
NA	C 04353 POD1	4	2	2	24	23S	33E	639474	3574098

Driller License:	1737	**Driller Company:**	SHADE TREE DRILLING		
Driller Name:	JUSTIN MULLINS				
Drill Start Date:	11/04/2019	**Drill Finish Date:**	11/13/2019	**Plug Date:**	
Log File Date:	01/29/2020	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	30 GPM
Casing Size:	6.00	**Depth Well:**	603 feet	**Depth Water:**	330 feet

Water Bearing Stratifications:	Top	Bottom	Description
	330	344	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	301	601

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321843103315101

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321843103315101 23S.33E.12.312423

Lea County, New Mexico
Latitude 32°19'06", Longitude 103°31'53" NAD83
Land-surface elevation 3,531.00 feet above NGVD29
The depth of the well is 400 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1965-11-03		D	62610		3184.75	NGVD29	P	Z		
1965-11-03		D	62611		3186.41	NAVD88	P	Z		
1965-11-03		D	72019	346.25			P	Z		
1968-06-11		D	62610		3196.61	NGVD29	P	Z		
1968-06-11		D	62611		3198.27	NAVD88	P	Z		
1968-06-11		D	72019	334.39			P	Z		
1971-01-13		D	62610		3204.30	NGVD29	1	Z		
1971-01-13		D	62611		3205.96	NAVD88	1	Z		
1971-01-13		D	72019	326.70			1	Z		
1972-09-21		D	62610		3179.30	NGVD29	P	Z		
1972-09-21		D	62611		3180.96	NAVD88	P	Z		
1972-09-21		D	72019	351.70			P	Z		
1976-12-08		D	62610		3185.78	NGVD29	P	Z		
1976-12-08		D	62611		3187.44	NAVD88	P	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1976-12-08		D	72019	345.22			P	Z		
1981-03-27		D	62610		3200.08	NGVD29	P	Z		
1981-03-27		D	62611		3201.74	NAVD88	P	Z		
1981-03-27		D	72019	330.92			P	Z		
1986-04-16		D	62610		3205.18	NGVD29	1	Z		
1986-04-16		D	62611		3206.84	NAVD88	1	Z		
1986-04-16		D	72019	325.82			1	Z		
1991-05-30		D	62610		3205.68	NGVD29	1	Z		
1991-05-30		D	62611		3207.34	NAVD88	1	Z		
1991-05-30		D	72019	325.32			1	Z		
1996-03-13		D	62610		3206.05	NGVD29	1	S		
1996-03-13		D	62611		3207.71	NAVD88	1	S		
1996-03-13		D	72019	324.95			1	S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
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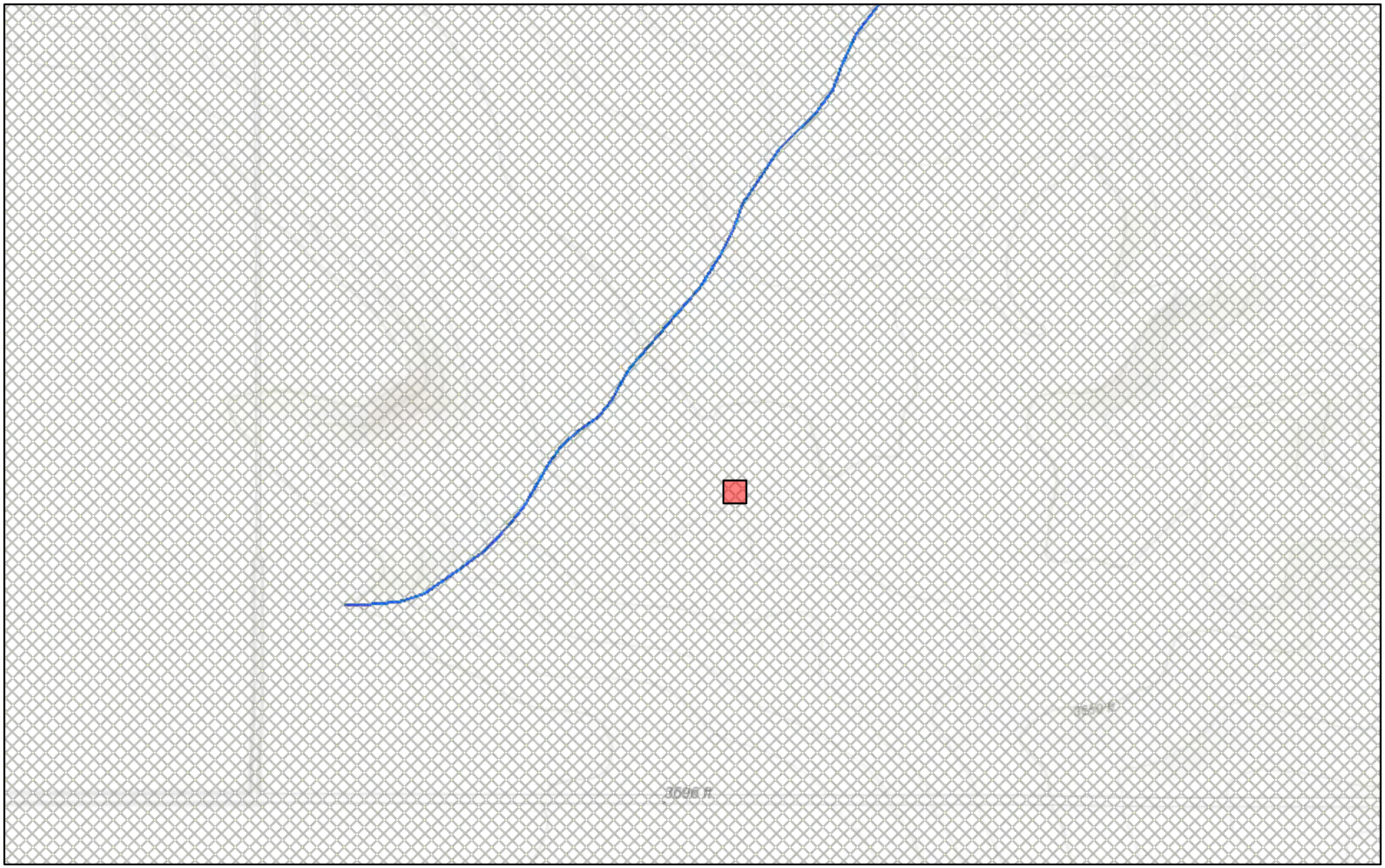
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2022-05-30 10:48:24 EDT
0.28 0.23 nadww02

New Mexico NFHL Data



May 30, 2022

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-15264-1
Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: Driver 14 FC CTB

For:
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Conner Moehring

JKramer

Authorized for release by:
6/2/2022 8:58:05 AM

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

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Laboratory Job ID: 880-15264-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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, 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/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Job ID: 880-15264-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-15264-1

Receipt
The samples were received on 5/27/2022 2:19 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 0.3°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: T-5 (0-1') (880-15264-22) and T-5 (1') (880-15264-23). 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 matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-26434 and analytical batch 880-26400 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-5 (0-1') (880-15264-22) and T-5 (1') (880-15264-23). 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) precision for preparation batch 880-26466 and analytical batch 880-26613 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-1 (0-1') (880-15264-1) and T-1 (1') (880-15264-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-4 (0-1') (880-15264-16) and T-4 (1') (880-15264-17). 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 880-26465 and analytical batch 880-26611 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
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: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-1
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.40		0.402		mg/Kg		05/27/22 14:46	05/28/22 08:54	200
Toluene	68.7		0.402		mg/Kg		05/27/22 14:46	05/28/22 08:54	200
Ethylbenzene	33.6		0.402		mg/Kg		05/27/22 14:46	05/28/22 08:54	200
m-Xylene & p-Xylene	76.9		0.805		mg/Kg		05/27/22 14:46	05/28/22 08:54	200
o-Xylene	28.6		0.402		mg/Kg		05/27/22 14:46	05/28/22 08:54	200
Xylenes, Total	106		0.805		mg/Kg		05/27/22 14:46	05/28/22 08:54	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/27/22 14:46*	*05/28/22 08:54*	*200*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*05/27/22 14:46*	*05/28/22 08:54*	*200*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	211		0.805		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15900		250		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2210		250		mg/Kg		05/27/22 15:18	06/01/22 12:55	5
Diesel Range Organics (Over C10-C28)	11100		250		mg/Kg		05/27/22 15:18	06/01/22 12:55	5
Oil Range Organics (Over C28-C36)	2630		250		mg/Kg		05/27/22 15:18	06/01/22 12:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*05/27/22 15:18*	*06/01/22 12:55*	*5*
o-Terphenyl	*181*	*S1+*	*70 - 130*	*05/27/22 15:18*	*06/01/22 12:55*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.99		mg/Kg			05/29/22 10:36	1

Client Sample ID: T-1 (1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-2
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.03		0.398		mg/Kg		05/27/22 14:46	05/28/22 09:14	200
Toluene	69.6		0.398		mg/Kg		05/27/22 14:46	05/28/22 09:14	200
Ethylbenzene	35.8		0.398		mg/Kg		05/27/22 14:46	05/28/22 09:14	200
m-Xylene & p-Xylene	79.5		0.797		mg/Kg		05/27/22 14:46	05/28/22 09:14	200
o-Xylene	30.0		0.398		mg/Kg		05/27/22 14:46	05/28/22 09:14	200
Xylenes, Total	110		0.797		mg/Kg		05/27/22 14:46	05/28/22 09:14	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*05/27/22 14:46*	*05/28/22 09:14*	*200*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/27/22 14:46*	*05/28/22 09:14*	*200*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-2
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	218		0.797		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20600		250		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2620		250		mg/Kg		05/27/22 15:18	06/01/22 13:17	5
Diesel Range Organics (Over C10-C28)	14400		250		mg/Kg		05/27/22 15:18	06/01/22 13:17	5
Oil Range Organics (Over C28-C36)	3540		250		mg/Kg		05/27/22 15:18	06/01/22 13:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*05/27/22 15:18*	*06/01/22 13:17*	*5*
o-Terphenyl	*237*	*S1+*	*70 - 130*	*05/27/22 15:18*	*06/01/22 13:17*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	258		5.02		mg/Kg			05/29/22 11:00	1

Client Sample ID: T-1 (2')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-3
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00450		0.00200		mg/Kg		05/27/22 14:46	05/28/22 06:51	1
Toluene	0.0125		0.00200		mg/Kg		05/27/22 14:46	05/28/22 06:51	1
Ethylbenzene	0.00260		0.00200		mg/Kg		05/27/22 14:46	05/28/22 06:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/27/22 14:46	05/28/22 06:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:46	05/28/22 06:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/27/22 14:46	05/28/22 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*05/27/22 14:46*	*05/28/22 06:51*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/27/22 14:46*	*05/28/22 06:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0196		0.00399		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/22 11:20	1

Method: 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 F1	49.9		mg/Kg		05/27/22 15:18	06/01/22 11:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-3
Matrix: Solid

Method: 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 F1	49.9		mg/Kg		05/27/22 15:18	06/01/22 11:49	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/27/22 15:18	06/01/22 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/27/22 15:18*	*06/01/22 11:49*	*1*
o-Terphenyl	*115*		*70 - 130*	*05/27/22 15:18*	*06/01/22 11:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.5**		4.95		mg/Kg			05/29/22 11:08	1

Client Sample ID: T-1 (3')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-4
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00260**		0.00201		mg/Kg		05/27/22 14:46	05/28/22 07:11	1
Toluene	**0.00635**		0.00201		mg/Kg		05/27/22 14:46	05/28/22 07:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:46	05/28/22 07:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/27/22 14:46	05/28/22 07:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:46	05/28/22 07:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/27/22 14:46	05/28/22 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*05/27/22 14:46*	*05/28/22 07:11*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/27/22 14:46*	*05/28/22 07:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00895**		0.00402		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**64.5**		50.0		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**64.5**		50.0		mg/Kg		05/27/22 15:18	06/01/22 13:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:18	06/01/22 13:39	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:18	06/01/22 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*05/27/22 15:18*	*06/01/22 13:39*	*1*
o-Terphenyl	*109*		*70 - 130*	*05/27/22 15:18*	*06/01/22 13:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.3**		5.04		mg/Kg			05/29/22 11:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-5
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:46	05/28/22 07:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:46	05/28/22 07:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:46	05/28/22 07:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/27/22 14:46	05/28/22 07:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:46	05/28/22 07:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/27/22 14:46	05/28/22 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/27/22 14:46*	*05/28/22 07:32*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/27/22 14:46*	*05/28/22 07:32*	*1*

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**75.9**		49.9		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 14:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/27/22 15:18	06/01/22 14:01	1
Oil Range Organics (Over C28-C36)	**75.9**		49.9		mg/Kg		05/27/22 15:18	06/01/22 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*05/27/22 15:18*	*06/01/22 14:01*	*1*
o-Terphenyl	*108*		*70 - 130*	*05/27/22 15:18*	*06/01/22 14:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.93**		4.97		mg/Kg			05/29/22 11:24	1

Client Sample ID: T-2 (0-1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-6
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**5.64**		0.401		mg/Kg		05/27/22 14:46	05/28/22 09:35	200
Toluene	**51.6**		0.401		mg/Kg		05/27/22 14:46	05/28/22 09:35	200
Ethylbenzene	**21.0**		0.401		mg/Kg		05/27/22 14:46	05/28/22 09:35	200
m-Xylene & p-Xylene	**50.0**		0.802		mg/Kg		05/27/22 14:46	05/28/22 09:35	200
o-Xylene	**19.9**		0.401		mg/Kg		05/27/22 14:46	05/28/22 09:35	200
Xylenes, Total	**69.9**		0.802		mg/Kg		05/27/22 14:46	05/28/22 09:35	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/27/22 14:46*	*05/28/22 09:35*	*200*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*05/27/22 14:46*	*05/28/22 09:35*	*200*

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Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-15264-6
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	148		0.802		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2750		50.0		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	632		50.0		mg/Kg		05/27/22 15:18	06/01/22 14:24	1
Diesel Range Organics (Over C10-C28)	1720		50.0		mg/Kg		05/27/22 15:18	06/01/22 14:24	1
Oil Range Organics (Over C28-C36)	397		50.0		mg/Kg		05/27/22 15:18	06/01/22 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*05/27/22 15:18*	*06/01/22 14:24*	*1*
o-Terphenyl	*116*		*70 - 130*	*05/27/22 15:18*	*06/01/22 14:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.9		4.98		mg/Kg			05/29/22 11:47	1

Client Sample ID: T-2 (1')

Lab Sample ID: 880-15264-7
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.57		0.404		mg/Kg		05/27/22 14:46	05/28/22 09:55	200
Toluene	33.3		0.404		mg/Kg		05/27/22 14:46	05/28/22 09:55	200
Ethylbenzene	13.1		0.404		mg/Kg		05/27/22 14:46	05/28/22 09:55	200
m-Xylene & p-Xylene	29.7		0.808		mg/Kg		05/27/22 14:46	05/28/22 09:55	200
o-Xylene	10.3		0.404		mg/Kg		05/27/22 14:46	05/28/22 09:55	200
Xylenes, Total	40.0		0.808		mg/Kg		05/27/22 14:46	05/28/22 09:55	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*05/27/22 14:46*	*05/28/22 09:55*	*200*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*05/27/22 14:46*	*05/28/22 09:55*	*200*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	91.0		0.808		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4000		50.0		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	895		50.0		mg/Kg		05/27/22 15:18	06/01/22 14:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-7
Matrix: Solid

Method: 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)	2540		50.0		mg/Kg		05/27/22 15:18	06/01/22 14:47	1
Oil Range Organics (Over C28-C36)	566		50.0		mg/Kg		05/27/22 15:18	06/01/22 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*05/27/22 15:18*	*06/01/22 14:47*	*1*
o-Terphenyl	*110*		*70 - 130*	*05/27/22 15:18*	*06/01/22 14:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		4.95		mg/Kg			05/29/22 11:55	1

Client Sample ID: T-2 (2')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-8
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0119		0.00201		mg/Kg		05/27/22 14:46	05/28/22 07:52	1
Toluene	0.0287		0.00201		mg/Kg		05/27/22 14:46	05/28/22 07:52	1
Ethylbenzene	0.00669		0.00201		mg/Kg		05/27/22 14:46	05/28/22 07:52	1
m-Xylene & p-Xylene	0.0154		0.00402		mg/Kg		05/27/22 14:46	05/28/22 07:52	1
o-Xylene	0.00565		0.00201		mg/Kg		05/27/22 14:46	05/28/22 07:52	1
Xylenes, Total	0.0211		0.00402		mg/Kg		05/27/22 14:46	05/28/22 07:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/27/22 14:46*	*05/28/22 07:52*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/27/22 14:46*	*05/28/22 07:52*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0683		0.00402		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	128		50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 15:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:18	06/01/22 15:09	1
Oil Range Organics (Over C28-C36)	128		50.0		mg/Kg		05/27/22 15:18	06/01/22 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/27/22 15:18*	*06/01/22 15:09*	*1*
o-Terphenyl	*103*		*70 - 130*	*05/27/22 15:18*	*06/01/22 15:09*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (2')

Lab Sample ID: 880-15264-8
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1		5.03		mg/Kg			05/29/22 12:03	1

Client Sample ID: T-2 (3')

Lab Sample ID: 880-15264-9
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0123		0.00200		mg/Kg		05/27/22 14:46	05/28/22 08:13	1
Toluene	0.0296		0.00200		mg/Kg		05/27/22 14:46	05/28/22 08:13	1
Ethylbenzene	0.00535		0.00200		mg/Kg		05/27/22 14:46	05/28/22 08:13	1
m-Xylene & p-Xylene	0.0108		0.00400		mg/Kg		05/27/22 14:46	05/28/22 08:13	1
o-Xylene	0.00311		0.00200		mg/Kg		05/27/22 14:46	05/28/22 08:13	1
Xylenes, Total	0.0139		0.00400		mg/Kg		05/27/22 14:46	05/28/22 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/27/22 14:46*	*05/28/22 08:13*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/27/22 14:46*	*05/28/22 08:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0612		0.00400		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	134		50.0		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	54.9		50.0		mg/Kg		05/27/22 15:18	06/01/22 15:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:18	06/01/22 15:31	1
Oil Range Organics (Over C28-C36)	79.0		50.0		mg/Kg		05/27/22 15:18	06/01/22 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*05/27/22 15:18*	*06/01/22 15:31*	*1*
o-Terphenyl	*126*		*70 - 130*	*05/27/22 15:18*	*06/01/22 15:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.80		5.00		mg/Kg			05/29/22 12:11	1

Client Sample ID: T-2 (4')

Lab Sample ID: 880-15264-10
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0107		0.00199		mg/Kg		05/27/22 14:46	05/28/22 08:33	1
Toluene	0.0187		0.00199		mg/Kg		05/27/22 14:46	05/28/22 08:33	1
Ethylbenzene	0.00247		0.00199		mg/Kg		05/27/22 14:46	05/28/22 08:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/27/22 14:46	05/28/22 08:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:46	05/28/22 08:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/27/22 14:46	05/28/22 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*05/27/22 14:46*	*05/28/22 08:33*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/27/22 14:46*	*05/28/22 08:33*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0319**		0.00398		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**59.6**		49.9		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 15:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/27/22 15:18	06/01/22 15:53	1
Oil Range Organics (Over C28-C36)	**59.6**		49.9		mg/Kg		05/27/22 15:18	06/01/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*05/27/22 15:18*	*06/01/22 15:53*	*1*
o-Terphenyl	*118*		*70 - 130*	*05/27/22 15:18*	*06/01/22 15:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.8**		5.05		mg/Kg			05/29/22 12:19	1

Client Sample ID: T-3 (0-1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-11
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0108**		0.00202		mg/Kg		05/27/22 14:46	05/28/22 13:18	1
Toluene	**0.0705**		0.00202		mg/Kg		05/27/22 14:46	05/28/22 13:18	1
Ethylbenzene	**0.0282**		0.00202		mg/Kg		05/27/22 14:46	05/28/22 13:18	1
m-Xylene & p-Xylene	**0.0698**		0.00404		mg/Kg		05/27/22 14:46	05/28/22 13:18	1
o-Xylene	**0.0362**		0.00202		mg/Kg		05/27/22 14:46	05/28/22 13:18	1
Xylenes, Total	**0.106**		0.00404		mg/Kg		05/27/22 14:46	05/28/22 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*05/27/22 14:46*	*05/28/22 13:18*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/27/22 14:46*	*05/28/22 13:18*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.216**		0.00404		mg/Kg			05/31/22 09:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-15264-11
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1990		50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 18:11	1
Diesel Range Organics (Over C10-C28)	1650		50.0		mg/Kg		05/27/22 15:18	06/01/22 18:11	1
Oil Range Organics (Over C28-C36)	342		50.0		mg/Kg		05/27/22 15:18	06/01/22 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*05/27/22 15:18*	*06/01/22 18:11*	*1*
o-Terphenyl	*93*		*70 - 130*	*05/27/22 15:18*	*06/01/22 18:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.1		4.95		mg/Kg			05/29/22 12:27	1

Client Sample ID: T-3 (1')

Lab Sample ID: 880-15264-12
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0282		0.00199		mg/Kg		05/27/22 14:46	05/28/22 13:38	1
Toluene	0.0990		0.00199		mg/Kg		05/27/22 14:46	05/28/22 13:38	1
Ethylbenzene	0.0291		0.00199		mg/Kg		05/27/22 14:46	05/28/22 13:38	1
m-Xylene & p-Xylene	0.0763		0.00398		mg/Kg		05/27/22 14:46	05/28/22 13:38	1
o-Xylene	0.0331		0.00199		mg/Kg		05/27/22 14:46	05/28/22 13:38	1
Xylenes, Total	0.109		0.00398		mg/Kg		05/27/22 14:46	05/28/22 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/27/22 14:46*	*05/28/22 13:38*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/27/22 14:46*	*05/28/22 13:38*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.266		0.00398		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5250		50.0		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	62.9		50.0		mg/Kg		05/27/22 15:18	06/01/22 17:50	1
Diesel Range Organics (Over C10-C28)	4160		50.0		mg/Kg		05/27/22 15:18	06/01/22 17:50	1
Oil Range Organics (Over C28-C36)	1030		50.0		mg/Kg		05/27/22 15:18	06/01/22 17:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-12
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	05/27/22 15:18	06/01/22 17:50	1
o-Terphenyl	125		70 - 130	05/27/22 15:18	06/01/22 17:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.9**		5.01		mg/Kg			05/29/22 12:51	1

Client Sample ID: T-3 (2')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-13
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00626**		0.00198		mg/Kg		05/27/22 14:46	05/28/22 13:59	1
Toluene	**0.0178**		0.00198		mg/Kg		05/27/22 14:46	05/28/22 13:59	1
Ethylbenzene	**0.00415**		0.00198		mg/Kg		05/27/22 14:46	05/28/22 13:59	1
m-Xylene & p-Xylene	**0.00420**		0.00396		mg/Kg		05/27/22 14:46	05/28/22 13:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:46	05/28/22 13:59	1
Xylenes, Total	**0.00420**		0.00396		mg/Kg		05/27/22 14:46	05/28/22 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/27/22 14:46	05/28/22 13:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/27/22 14:46	05/28/22 13:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0324**		0.00396		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**235**		49.9		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 18:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/27/22 15:18	06/01/22 18:33	1
Oil Range Organics (Over C28-C36)	**235**		49.9		mg/Kg		05/27/22 15:18	06/01/22 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/27/22 15:18	06/01/22 18:33	1
o-Terphenyl	110		70 - 130	05/27/22 15:18	06/01/22 18:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.2**		5.03		mg/Kg			05/29/22 12:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-14
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0225**		0.00201		mg/Kg		05/27/22 14:46	05/28/22 14:19	1
Toluene	**0.0554**		0.00201		mg/Kg		05/27/22 14:46	05/28/22 14:19	1
Ethylbenzene	**0.00610**		0.00201		mg/Kg		05/27/22 14:46	05/28/22 14:19	1
m-Xylene & p-Xylene	**0.0102**		0.00402		mg/Kg		05/27/22 14:46	05/28/22 14:19	1
o-Xylene	**0.00216**		0.00201		mg/Kg		05/27/22 14:46	05/28/22 14:19	1
Xylenes, Total	**0.0124**		0.00402		mg/Kg		05/27/22 14:46	05/28/22 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/27/22 14:46*	*05/28/22 14:19*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/27/22 14:46*	*05/28/22 14:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0964**		0.00402		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**146**		49.9		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 18:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/27/22 15:18	06/01/22 18:55	1
Oil Range Organics (Over C28-C36)	**146**		49.9		mg/Kg		05/27/22 15:18	06/01/22 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/27/22 15:18*	*06/01/22 18:55*	*1*
o-Terphenyl	*105*		*70 - 130*	*05/27/22 15:18*	*06/01/22 18:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.74**		5.03		mg/Kg			05/29/22 13:23	1

Client Sample ID: T-3 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-15
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:46	05/28/22 14:40	1
Toluene	**0.00234**		0.00200		mg/Kg		05/27/22 14:46	05/28/22 14:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:46	05/28/22 14:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/27/22 14:46	05/28/22 14:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:46	05/28/22 14:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/27/22 14:46	05/28/22 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/27/22 14:46*	*05/28/22 14:40*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/27/22 14:46*	*05/28/22 14:40*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-15
Matrix: Solid

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**114**		50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:18	06/01/22 19:16	1
Oil Range Organics (Over C28-C36)	**114**		50.0		mg/Kg		05/27/22 15:18	06/01/22 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*05/27/22 15:18*	*06/01/22 19:16*	*1*
o-Terphenyl	*106*		*70 - 130*	*05/27/22 15:18*	*06/01/22 19:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.04**		5.03		mg/Kg			05/29/22 13:30	1

Client Sample ID: T-4 (0-1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-16
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.124**		0.00202		mg/Kg		05/27/22 14:46	05/28/22 15:41	1
Toluene	**317**		2.00		mg/Kg		05/31/22 10:35	05/31/22 16:44	1000
Ethylbenzene	**0.150**		0.00202		mg/Kg		05/27/22 14:46	05/28/22 15:41	1
m-Xylene & p-Xylene	**0.325**		0.00404		mg/Kg		05/27/22 14:46	05/28/22 15:41	1
o-Xylene	**0.109**		0.00202		mg/Kg		05/27/22 14:46	05/28/22 15:41	1
Xylenes, Total	**0.434**		0.00404		mg/Kg		05/27/22 14:46	05/28/22 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*05/27/22 14:46*	*05/28/22 15:41*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*05/27/22 14:46*	*05/28/22 15:41*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**318**		0.00404		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**8850**		50.0		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**3590**		50.0		mg/Kg		05/27/22 15:18	06/01/22 16:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-15264-16
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 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)	4390		50.0		mg/Kg		05/27/22 15:18	06/01/22 16:44	1
Oil Range Organics (Over C28-C36)	869		50.0		mg/Kg		05/27/22 15:18	06/01/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*05/27/22 15:18*	*06/01/22 16:44*	*1*
o-Terphenyl	*121*		*70 - 130*	*05/27/22 15:18*	*06/01/22 16:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.03		mg/Kg			05/29/22 13:38	1

Client Sample ID: T-4 (1')

Lab Sample ID: 880-15264-17
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	49.3		0.401		mg/Kg		05/27/22 14:46	05/28/22 16:02	200
Toluene	288		1.99		mg/Kg		05/31/22 10:35	05/31/22 17:04	1000
Ethylbenzene	54.6		0.401		mg/Kg		05/27/22 14:46	05/28/22 16:02	200
m-Xylene & p-Xylene	118		0.802		mg/Kg		05/27/22 14:46	05/28/22 16:02	200
o-Xylene	41.6		0.401		mg/Kg		05/27/22 14:46	05/28/22 16:02	200
Xylenes, Total	160		0.802		mg/Kg		05/27/22 14:46	05/28/22 16:02	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*05/27/22 14:46*	*05/28/22 16:02*	*200*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*05/27/22 14:46*	*05/28/22 16:02*	*200*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	552		0.802		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	12500		49.9		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	5190		49.9		mg/Kg		05/27/22 15:18	06/01/22 17:06	1
Diesel Range Organics (Over C10-C28)	5950		49.9		mg/Kg		05/27/22 15:18	06/01/22 17:06	1
Oil Range Organics (Over C28-C36)	1350		49.9		mg/Kg		05/27/22 15:18	06/01/22 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*138*	*S1+*	*70 - 130*	*05/27/22 15:18*	*06/01/22 17:06*	*1*
o-Terphenyl	*113*		*70 - 130*	*05/27/22 15:18*	*06/01/22 17:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1')

Lab Sample ID: 880-15264-17
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.80		4.98		mg/Kg			05/29/22 13:46	1

Client Sample ID: T-4 (2')

Lab Sample ID: 880-15264-18
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	52.9		0.403		mg/Kg		05/27/22 14:46	05/28/22 16:22	200
Toluene	248		2.00		mg/Kg		05/31/22 10:35	05/31/22 17:25	1000
Ethylbenzene	46.1		0.403		mg/Kg		05/27/22 14:46	05/28/22 16:22	200
m-Xylene & p-Xylene	102		0.806		mg/Kg		05/27/22 14:46	05/28/22 16:22	200
o-Xylene	39.0		0.403		mg/Kg		05/27/22 14:46	05/28/22 16:22	200
Xylenes, Total	141		0.806		mg/Kg		05/27/22 14:46	05/28/22 16:22	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*05/27/22 14:46*	*05/28/22 16:22*	*200*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*05/27/22 14:46*	*05/28/22 16:22*	*200*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	488		0.806		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13300		49.8		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	5150		49.8		mg/Kg		05/27/22 15:18	06/01/22 17:28	1
Diesel Range Organics (Over C10-C28)	6720		49.8		mg/Kg		05/27/22 15:18	06/01/22 17:28	1
Oil Range Organics (Over C28-C36)	1460		49.8		mg/Kg		05/27/22 15:18	06/01/22 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*05/27/22 15:18*	*06/01/22 17:28*	*1*
o-Terphenyl	*105*		*70 - 130*	*05/27/22 15:18*	*06/01/22 17:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.38		5.00		mg/Kg			05/29/22 13:54	1

Client Sample ID: T-4 (3')

Lab Sample ID: 880-15264-19
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0263		0.00200		mg/Kg		05/27/22 14:46	05/28/22 15:00	1
Toluene	0.0320		0.00200		mg/Kg		05/27/22 14:46	05/28/22 15:00	1
Ethylbenzene	0.00611		0.00200		mg/Kg		05/27/22 14:46	05/28/22 15:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (3')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.0116		0.00399		mg/Kg		05/27/22 14:46	05/28/22 15:00	1
o-Xylene	0.00484		0.00200		mg/Kg		05/27/22 14:46	05/28/22 15:00	1
Xylenes, Total	0.0164		0.00399		mg/Kg		05/27/22 14:46	05/28/22 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/27/22 14:46*	*05/28/22 15:00*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/27/22 14:46*	*05/28/22 15:00*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0809		0.00399		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	94.0		50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 19:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:18	06/01/22 19:38	1
Oil Range Organics (Over C28-C36)	94.0		50.0		mg/Kg		05/27/22 15:18	06/01/22 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*05/27/22 15:18*	*06/01/22 19:38*	*1*
o-Terphenyl	*124*		*70 - 130*	*05/27/22 15:18*	*06/01/22 19:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.47		4.99		mg/Kg			05/29/22 14:02	1

Client Sample ID: T-4 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-20
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0357		0.00198		mg/Kg		05/27/22 14:46	05/28/22 15:21	1
Toluene	0.0344		0.00198		mg/Kg		05/27/22 14:46	05/28/22 15:21	1
Ethylbenzene	0.00594		0.00198		mg/Kg		05/27/22 14:46	05/28/22 15:21	1
m-Xylene & p-Xylene	0.0130		0.00397		mg/Kg		05/27/22 14:46	05/28/22 15:21	1
o-Xylene	0.00431		0.00198		mg/Kg		05/27/22 14:46	05/28/22 15:21	1
Xylenes, Total	0.0173		0.00397		mg/Kg		05/27/22 14:46	05/28/22 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/27/22 14:46*	*05/28/22 15:21*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/27/22 14:46*	*05/28/22 15:21*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0934		0.00397		mg/Kg			05/31/22 09:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-20
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**81.3**		49.9		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:18	06/01/22 19:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/27/22 15:18	06/01/22 19:59	1
Oil Range Organics (Over C28-C36)	**81.3**		49.9		mg/Kg		05/27/22 15:18	06/01/22 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*05/27/22 15:18*	*06/01/22 19:59*	*1*
o-Terphenyl	*115*		*70 - 130*	*05/27/22 15:18*	*06/01/22 19:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.0**		4.99		mg/Kg			05/29/22 14:10	1

Client Sample ID: T-4 (5')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-21
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:51	05/29/22 18:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:51	05/29/22 18:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:51	05/29/22 18:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/27/22 14:51	05/29/22 18:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/27/22 14:51	05/29/22 18:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/27/22 14:51	05/29/22 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*05/27/22 14:51*	*05/29/22 18:24*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*05/27/22 14:51*	*05/29/22 18:24*	*1*

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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 F2	50.0		mg/Kg		05/27/22 15:22	06/01/22 11:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 11:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 11:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (5')

Lab Sample ID: 880-15264-21
Date Collected: 05/27/22 00:00
Matrix: Solid
Date Received: 05/27/22 14:19

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	05/27/22 15:22	06/01/22 11:49	1
o-Terphenyl	101		70 - 130	05/27/22 15:22	06/01/22 11:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.05		mg/Kg			05/29/22 15:41	1

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-15264-22
Date Collected: 05/27/22 00:00
Matrix: Solid
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.98		0.398		mg/Kg		05/27/22 14:51	05/29/22 21:07	200
Toluene	29.3		0.398		mg/Kg		05/27/22 14:51	05/29/22 21:07	200
Ethylbenzene	8.08		0.398		mg/Kg		05/27/22 14:51	05/29/22 21:07	200
m-Xylene & p-Xylene	17.4		0.795		mg/Kg		05/27/22 14:51	05/29/22 21:07	200
o-Xylene	6.22		0.398		mg/Kg		05/27/22 14:51	05/29/22 21:07	200
Xylenes, Total	23.6		0.795		mg/Kg		05/27/22 14:51	05/29/22 21:07	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	18	S1-	70 - 130	05/27/22 14:51	05/29/22 21:07	200
1,4-Difluorobenzene (Surr)	17	S1-	70 - 130	05/27/22 14:51	05/29/22 21:07	200

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	67.0		0.795		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10700		49.9		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4540		49.9		mg/Kg		05/27/22 15:22	06/01/22 12:55	1
Diesel Range Organics (Over C10-C28)	6170		49.9		mg/Kg		05/27/22 15:22	06/01/22 12:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/27/22 15:22	06/01/22 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	160	S1+	70 - 130	05/27/22 15:22	06/01/22 12:55	1
o-Terphenyl	104		70 - 130	05/27/22 15:22	06/01/22 12:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.8		4.99		mg/Kg			05/29/22 16:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-23
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.71		0.402		mg/Kg		05/27/22 14:51	05/29/22 21:28	200
Toluene	30.1		0.402		mg/Kg		05/27/22 14:51	05/29/22 21:28	200
Ethylbenzene	8.57		0.402		mg/Kg		05/27/22 14:51	05/29/22 21:28	200
m-Xylene & p-Xylene	18.3		0.805		mg/Kg		05/27/22 14:51	05/29/22 21:28	200
o-Xylene	6.53		0.402		mg/Kg		05/27/22 14:51	05/29/22 21:28	200
Xylenes, Total	24.8		0.805		mg/Kg		05/27/22 14:51	05/29/22 21:28	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*14*	*S1-*	*70 - 130*	*05/27/22 14:51*	*05/29/22 21:28*	*200*
1,4-Difluorobenzene (Surr)	*13*	*S1-*	*70 - 130*	*05/27/22 14:51*	*05/29/22 21:28*	*200*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	70.2		0.805		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9310		49.9		mg/Kg			05/31/22 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3840		49.9		mg/Kg		05/27/22 15:22	06/01/22 13:17	1
Diesel Range Organics (Over C10-C28)	5470		49.9		mg/Kg		05/27/22 15:22	06/01/22 13:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/27/22 15:22	06/01/22 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*159*	*S1+*	*70 - 130*	*05/27/22 15:22*	*06/01/22 13:17*	*1*
o-Terphenyl	*113*		*70 - 130*	*05/27/22 15:22*	*06/01/22 13:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		5.00		mg/Kg			05/29/22 16:13	1

Client Sample ID: T-5 (2')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-24
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00729		0.00199		mg/Kg		05/27/22 14:51	05/29/22 18:44	1
Toluene	0.0202		0.00199		mg/Kg		05/27/22 14:51	05/29/22 18:44	1
Ethylbenzene	0.00521		0.00199		mg/Kg		05/27/22 14:51	05/29/22 18:44	1
m-Xylene & p-Xylene	0.0135		0.00398		mg/Kg		05/27/22 14:51	05/29/22 18:44	1
o-Xylene	0.00440		0.00199		mg/Kg		05/27/22 14:51	05/29/22 18:44	1
Xylenes, Total	0.0179		0.00398		mg/Kg		05/27/22 14:51	05/29/22 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/27/22 14:51*	*05/29/22 18:44*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/27/22 14:51*	*05/29/22 18:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-24
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0506**		0.00398		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 13:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 13:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*05/27/22 15:22*	*06/01/22 13:39*	*1*
o-Terphenyl	*103*		*70 - 130*	*05/27/22 15:22*	*06/01/22 13:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.1**		4.95		mg/Kg			05/29/22 16:21	1

Client Sample ID: T-5 (3')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-25
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00655**		0.00200		mg/Kg		05/27/22 14:51	05/29/22 19:04	1
Toluene	**0.0123**		0.00200		mg/Kg		05/27/22 14:51	05/29/22 19:04	1
Ethylbenzene	**0.00308**		0.00200		mg/Kg		05/27/22 14:51	05/29/22 19:04	1
m-Xylene & p-Xylene	**0.00613**		0.00400		mg/Kg		05/27/22 14:51	05/29/22 19:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 19:04	1
Xylenes, Total	**0.00613**		0.00400		mg/Kg		05/27/22 14:51	05/29/22 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*05/27/22 14:51*	*05/29/22 19:04*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/27/22 14:51*	*05/29/22 19:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0281**		0.00400		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 14:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/27/22 15:22	06/01/22 14:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (3')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-25

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/27/22 15:22	06/01/22 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/27/22 15:22*	*06/01/22 14:01*	*1*
o-Terphenyl	*97*		*70 - 130*	*05/27/22 15:22*	*06/01/22 14:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.5**		5.04		mg/Kg			05/29/22 16:29	1

Client Sample ID: T-5 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-26

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:51	05/29/22 19:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:51	05/29/22 19:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:51	05/29/22 19:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/27/22 14:51	05/29/22 19:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:51	05/29/22 19:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/27/22 14:51	05/29/22 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*05/27/22 14:51*	*05/29/22 19:25*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/27/22 14:51*	*05/29/22 19:25*	*1*

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 14:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 14:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*05/27/22 15:22*	*06/01/22 14:24*	*1*
o-Terphenyl	*104*		*70 - 130*	*05/27/22 15:22*	*06/01/22 14:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.80**		4.97		mg/Kg			05/29/22 16:52	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-15264-27
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00168	U	0.00168		mg/Kg		05/27/22 14:51	05/29/22 19:45	1
Toluene	<0.00168	U	0.00168		mg/Kg		05/27/22 14:51	05/29/22 19:45	1
Ethylbenzene	<0.00168	U	0.00168		mg/Kg		05/27/22 14:51	05/29/22 19:45	1
m-Xylene & p-Xylene	<0.00336	U	0.00336		mg/Kg		05/27/22 14:51	05/29/22 19:45	1
o-Xylene	<0.00168	U	0.00168		mg/Kg		05/27/22 14:51	05/29/22 19:45	1
Xylenes, Total	<0.00336	U	0.00336		mg/Kg		05/27/22 14:51	05/29/22 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*05/27/22 14:51*	*05/29/22 19:45*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/27/22 14:51*	*05/29/22 19:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00336	U	0.00336		mg/Kg			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 14:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 14:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*05/27/22 15:22*	*06/01/22 14:47*	*1*
o-Terphenyl	*94*		*70 - 130*	*05/27/22 15:22*	*06/01/22 14:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.1**		4.95		mg/Kg			05/29/22 17:00	1

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-15264-28
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 20:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 20:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 20:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/27/22 14:51	05/29/22 20:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 20:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/27/22 14:51	05/29/22 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*05/27/22 14:51*	*05/29/22 20:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/27/22 14:51*	*05/29/22 20:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-15264-28
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 15:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 15:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*05/27/22 15:22*	*06/01/22 15:09*	*1*
o-Terphenyl	*93*		*70 - 130*	*05/27/22 15:22*	*06/01/22 15:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.1**		4.99		mg/Kg			05/29/22 17:08	1

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15264-29
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:51	05/29/22 20:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:51	05/29/22 20:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:51	05/29/22 20:26	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/27/22 14:51	05/29/22 20:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:51	05/29/22 20:26	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/27/22 14:51	05/29/22 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/27/22 14:51*	*05/29/22 20:26*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/27/22 14:51*	*05/29/22 20:26*	*1*

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 15:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 15:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15264-29
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*05/27/22 15:22*	*06/01/22 15:31*	*1*
o-Terphenyl	*85*		*70 - 130*	*05/27/22 15:22*	*06/01/22 15:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.7**		5.01		mg/Kg			05/29/22 17:16	1

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-15264-30
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:51	05/29/22 20:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:51	05/29/22 20:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:51	05/29/22 20:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/27/22 14:51	05/29/22 20:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/27/22 14:51	05/29/22 20:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/27/22 14:51	05/29/22 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/27/22 14:51*	*05/29/22 20:47*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/27/22 14:51*	*05/29/22 20:47*	*1*

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 15:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/27/22 15:22	06/01/22 15:53	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/27/22 15:22	06/01/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*05/27/22 15:22*	*06/01/22 15:53*	*1*
o-Terphenyl	*99*		*70 - 130*	*05/27/22 15:22*	*06/01/22 15:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.0**		4.98		mg/Kg			05/29/22 17:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-15264-31
Date Collected: 05/27/22 00:00
Matrix: Solid
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/27/22 14:51	05/29/22 23:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/27/22 14:51	05/29/22 23:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/27/22 14:51	05/29/22 23:18	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/27/22 14:51	05/29/22 23:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/27/22 14:51	05/29/22 23:18	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/27/22 14:51	05/29/22 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*05/27/22 14:51*	*05/29/22 23:18*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/27/22 14:51*	*05/29/22 23:18*	*1*

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 16:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*05/27/22 15:22*	*06/01/22 16:44*	*1*
o-Terphenyl	*92*		*70 - 130*	*05/27/22 15:22*	*06/01/22 16:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		5.02		mg/Kg			05/29/22 17:32	1

Client Sample ID: H-6 (0-6")

Lab Sample ID: 880-15264-32
Date Collected: 05/27/22 00:00
Matrix: Solid
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:51	05/29/22 23:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:51	05/29/22 23:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:51	05/29/22 23:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/27/22 14:51	05/29/22 23:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/27/22 14:51	05/29/22 23:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/27/22 14:51	05/29/22 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/27/22 14:51*	*05/29/22 23:39*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/27/22 14:51*	*05/29/22 23:39*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-6 (0-6")

Lab Sample ID: 880-15264-32
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 17:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*05/27/22 15:22*	*06/01/22 17:06*	*1*
o-Terphenyl	*95*		*70 - 130*	*05/27/22 15:22*	*06/01/22 17:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.1**		4.99		mg/Kg			05/29/22 17:55	1

Client Sample ID: H-7 (0-6")

Lab Sample ID: 880-15264-33
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 23:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 23:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 23:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/27/22 14:51	05/29/22 23:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 23:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/27/22 14:51	05/29/22 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/27/22 14:51*	*05/29/22 23:59*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/27/22 14:51*	*05/29/22 23:59*	*1*

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 17:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/27/22 15:22	06/01/22 17:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-6")

Lab Sample ID: 880-15264-33
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/27/22 15:22	06/01/22 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*05/27/22 15:22*	*06/01/22 17:28*	*1*
o-Terphenyl	*116*		*70 - 130*	*05/27/22 15:22*	*06/01/22 17:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.2**		4.98		mg/Kg			05/29/22 18:03	1

Client Sample ID: H-8 (0-6")

Lab Sample ID: 880-15264-34
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/27/22 14:51	05/30/22 00:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/27/22 14:51	05/30/22 00:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/27/22 14:51	05/30/22 00:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/27/22 14:51	05/30/22 00:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/27/22 14:51	05/30/22 00:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/27/22 14:51	05/30/22 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/27/22 14:51*	*05/30/22 00:20*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/27/22 14:51*	*05/30/22 00:20*	*1*

Method: 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			05/31/22 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/22 11:20	1

Method: 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		05/27/22 15:22	06/01/22 17:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 17:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/27/22 15:22*	*06/01/22 17:50*	*1*
o-Terphenyl	*106*		*70 - 130*	*05/27/22 15:22*	*06/01/22 17:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.86**		5.03		mg/Kg			05/29/22 18:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-9 (0-6")

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-35

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/30/22 00:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/30/22 00:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/30/22 00:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/27/22 14:51	05/30/22 00:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/30/22 00:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/27/22 14:51	05/30/22 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*05/27/22 14:51*	*05/30/22 00:40*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/27/22 14:51*	*05/30/22 00:40*	*1*

Method: 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			05/31/22 09:13	1

Method: 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			05/31/22 11:20	1

Method: 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		05/27/22 15:17	05/28/22 07:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/27/22 15:17	05/28/22 07:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/27/22 15:17	05/28/22 07:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/27/22 15:17*	*05/28/22 07:54*	*1*
o-Terphenyl	*108*		*70 - 130*	*05/27/22 15:17*	*05/28/22 07:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.2**		5.01		mg/Kg			05/29/22 18:35	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
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)
880-15264-1	T-1 (0-1')	99	101
880-15264-2	T-1 (1')	114	96
880-15264-3	T-1 (2')	108	99
880-15264-3 MS	T-1 (2')	98	101
880-15264-3 MSD	T-1 (2')	102	101
880-15264-4	T-1 (3')	104	94
880-15264-5	T-1 (4')	99	97
880-15264-6	T-2 (0-1')	99	91
880-15264-7	T-2 (1')	88	88
880-15264-8	T-2 (2')	96	96
880-15264-9	T-2 (3')	97	94
880-15264-10	T-2 (4')	103	96
880-15264-11	T-3 (0-1')	89	90
880-15264-12	T-3 (1')	92	90
880-15264-13	T-3 (2')	106	97
880-15264-14	T-3 (3')	93	96
880-15264-15	T-3 (4')	99	97
880-15264-16	T-4 (0-1')	75	77
880-15264-17	T-4 (1')	80	80
880-15264-18	T-4 (2')	82	86
880-15264-19	T-4 (3')	94	96
880-15264-20	T-4 (4')	97	98
880-15264-21	T-4 (5')	111	101
880-15264-21 MS	T-4 (5')	109	100
880-15264-21 MSD	T-4 (5')	107	98
880-15264-22	T-5 (0-1')	18 S1-	17 S1-
880-15264-23	T-5 (1')	14 S1-	13 S1-
880-15264-24	T-5 (2')	97	93
880-15264-25	T-5 (3')	102	92
880-15264-26	T-5 (4')	104	93
880-15264-27	H-1 (0-6")	108	99
880-15264-28	H-2 (0-6")	102	100
880-15264-29	H-3 (0-6")	105	102
880-15264-30	H-4 (0-6")	109	104
880-15264-31	H-5 (0-6")	111	99
880-15264-32	H-6 (0-6")	110	100
880-15264-33	H-7 (0-6")	95	95
880-15264-34	H-8 (0-6")	109	100
880-15264-35	H-9 (0-6")	107	100
880-15278-A-49-B MS	Matrix Spike	114	99
880-15278-A-49-C MSD	Matrix Spike Duplicate	114	99
LCS 880-26461/1-A	Lab Control Sample	105	104
LCS 880-26463/1-A	Lab Control Sample	103	103
LCS 880-26561/1-A	Lab Control Sample	105	95
LCSD 880-26461/2-A	Lab Control Sample Dup	99	99
LCSD 880-26463/2-A	Lab Control Sample Dup	101	102
LCSD 880-26561/2-A	Lab Control Sample Dup	104	101
MB 880-26461/5-A	Method Blank	100	95
MB 880-26463/5-A	Method Blank	97	96

Surrogate Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
MB 880-26468/8	Method Blank	97	99
MB 880-26561/5-A	Method Blank	99	102

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**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-15264-1	T-1 (0-1')	126	181 S1+
880-15264-2	T-1 (1')	128	237 S1+
880-15264-3	T-1 (2')	99	115
880-15264-3 MS	T-1 (2')	92	94
880-15264-3 MSD	T-1 (2')	79	78
880-15264-4	T-1 (3')	95	109
880-15264-5	T-1 (4')	94	108
880-15264-6	T-2 (0-1')	110	116
880-15264-7	T-2 (1')	111	110
880-15264-8	T-2 (2')	93	103
880-15264-9	T-2 (3')	109	126
880-15264-10	T-2 (4')	101	118
880-15264-11	T-3 (0-1')	86	93
880-15264-12	T-3 (1')	118	125
880-15264-13	T-3 (2')	97	110
880-15264-14	T-3 (3')	93	105
880-15264-15	T-3 (4')	95	106
880-15264-16	T-4 (0-1')	135 S1+	121
880-15264-17	T-4 (1')	138 S1+	113
880-15264-18	T-4 (2')	127	105
880-15264-19	T-4 (3')	109	124
880-15264-20	T-4 (4')	102	115
880-15264-21	T-4 (5')	94	101
880-15264-21 MS	T-4 (5')	85	79
880-15264-21 MSD	T-4 (5')	92	87
880-15264-22	T-5 (0-1')	160 S1+	104
880-15264-23	T-5 (1')	159 S1+	113
880-15264-24	T-5 (2')	95	103
880-15264-25	T-5 (3')	93	97
880-15264-26	T-5 (4')	97	104
880-15264-27	H-1 (0-6")	87	94
880-15264-28	H-2 (0-6")	88	93
880-15264-29	H-3 (0-6")	81	85
880-15264-30	H-4 (0-6")	90	99
880-15264-31	H-5 (0-6")	87	92
880-15264-32	H-6 (0-6")	89	95
880-15264-33	H-7 (0-6")	105	116
880-15264-34	H-8 (0-6")	99	106

Surrogate Summary

Client: Carmona Resources
Job ID: 880-15264-1
Project/Site: Driver 14 FC CTB
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)								
880-15264-35	H-9 (0-6")	99	108								
890-2346-A-1-C MS	Matrix Spike	108	104								
890-2346-A-1-D MSD	Matrix Spike Duplicate	95	89								
LCS 880-26434/2-A	Lab Control Sample	106	102								
LCS 880-26465/2-A	Lab Control Sample	113	118								
LCS 880-26466/2-A	Lab Control Sample	96	93								
LCSD 880-26434/3-A	Lab Control Sample Dup	108	104								
LCSD 880-26465/3-A	Lab Control Sample Dup	108	113								
LCSD 880-26466/3-A	Lab Control Sample Dup	97	97								
MB 880-26434/1-A	Method Blank	97	113								
MB 880-26465/1-A	Method Blank	100	120								
MB 880-26466/1-A	Method Blank	95	107								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-26461/5-A
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26461

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:46	05/28/22 06:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:46	05/28/22 06:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:46	05/28/22 06:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/27/22 14:46	05/28/22 06:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:46	05/28/22 06:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/27/22 14:46	05/28/22 06:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*05/27/22 14:46*	*05/28/22 06:22*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/27/22 14:46*	*05/28/22 06:22*	*1*

Lab Sample ID: LCS 880-26461/1-A
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09520		mg/Kg		95	70 - 130
Toluene	0.100	0.09848		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09103		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.2083		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1045		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-26461/2-A
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26461

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08341		mg/Kg		83	70 - 130	13	35
Toluene	0.100	0.08594		mg/Kg		86	70 - 130	14	35
Ethylbenzene	0.100	0.08059		mg/Kg		81	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1849		mg/Kg		92	70 - 130	12	35
o-Xylene	0.100	0.09285		mg/Kg		93	70 - 130	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-15264-3 MS
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: T-1 (2')
Prep Type: Total/NA
Prep Batch: 26461

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00450		0.0996	0.08860		mg/Kg		84	70 - 130
Toluene	0.0125		0.0996	0.09651		mg/Kg		84	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15264-3 MS
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: T-1 (2')
Prep Type: Total/NA
Prep Batch: 26461

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.00260		0.0996	0.07411		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1683		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.0996	0.08220		mg/Kg		81	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-15264-3 MSD
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: T-1 (2')
Prep Type: Total/NA
Prep Batch: 26461

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00450		0.0992	0.09815		mg/Kg		94	70 - 130	10	35
Toluene	0.0125		0.0992	0.1072		mg/Kg		95	70 - 130	10	35
Ethylbenzene	0.00260		0.0992	0.08667		mg/Kg		85	70 - 130	16	35
m-Xylene & p-Xylene	<0.00399	U	0.198	0.1985		mg/Kg		98	70 - 130	16	35
o-Xylene	<0.00200	U	0.0992	0.09649		mg/Kg		96	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-26463/5-A
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26463

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 17:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 17:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 17:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/27/22 14:51	05/29/22 17:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/22 14:51	05/29/22 17:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/27/22 14:51	05/29/22 17:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/27/22 14:51*	*05/29/22 17:54*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/27/22 14:51*	*05/29/22 17:54*	*1*

Lab Sample ID: LCS 880-26463/1-A
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26463

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1000		mg/Kg		100	70 - 130
Toluene	0.100	0.1041		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09729		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.2228		mg/Kg		111	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-26463/1-A
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26463

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1086		mg/Kg		109	70 - 130		

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

Lab Sample ID: LCSD 880-26463/2-A
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26463

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1020		mg/Kg		102	70 - 130	2	35
Toluene			0.100	0.1059		mg/Kg		106	70 - 130	2	35
Ethylbenzene			0.100	0.09874		mg/Kg		99	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2265		mg/Kg		113	70 - 130	2	35
o-Xylene			0.100	0.1097		mg/Kg		110	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-15264-21 MS
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: T-4 (5')
Prep Type: Total/NA
Prep Batch: 26463

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0996	0.07606		mg/Kg		76	70 - 130		
Toluene	<0.00199	U	0.0996	0.08061		mg/Kg		81	70 - 130		
Ethylbenzene	<0.00199	U	0.0996	0.08052		mg/Kg		81	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1837		mg/Kg		92	70 - 130		
o-Xylene	<0.00199	U	0.0996	0.09405		mg/Kg		94	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-15264-21 MSD
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: T-4 (5')
Prep Type: Total/NA
Prep Batch: 26463

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	0.07477		mg/Kg		74	70 - 130	2	35
Toluene	<0.00199	U	0.101	0.08090		mg/Kg		80	70 - 130	0	35
Ethylbenzene	<0.00199	U	0.101	0.08105		mg/Kg		81	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1871		mg/Kg		93	70 - 130	2	35
o-Xylene	<0.00199	U	0.101	0.09528		mg/Kg		95	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15264-21 MSD
Matrix: Solid
Analysis Batch: 26468

Client Sample ID: T-4 (5')
Prep Type: Total/NA
Prep Batch: 26463

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-26468/8
Matrix: Solid
Analysis Batch: 26468

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			05/27/22 18:45	1
Toluene	<0.00200	U	0.00200		mg/Kg			05/27/22 18:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			05/27/22 18:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			05/27/22 18:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			05/27/22 18:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			05/27/22 18:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130		05/27/22 18:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130		05/27/22 18:45	1

Lab Sample ID: MB 880-26561/5-A
Matrix: Solid
Analysis Batch: 26535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/31/22 10:35	05/31/22 12:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/31/22 10:35	05/31/22 12:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/31/22 10:35	05/31/22 12:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/31/22 10:35	05/31/22 12:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/31/22 10:35	05/31/22 12:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/31/22 10:35	05/31/22 12:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/31/22 10:35	05/31/22 12:34	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/31/22 10:35	05/31/22 12:34	1

Lab Sample ID: LCS 880-26561/1-A
Matrix: Solid
Analysis Batch: 26535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07886		mg/Kg		79	70 - 130
Toluene	0.100	0.09247		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.08677		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.2018		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09891		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-26561/1-A
Matrix: Solid
Analysis Batch: 26535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26561

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-26561/2-A
Matrix: Solid
Analysis Batch: 26535

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26561

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09051		mg/Kg		91	70 - 130	14	35
Toluene			0.100	0.09753		mg/Kg		98	70 - 130	5	35
Ethylbenzene			0.100	0.09037		mg/Kg		90	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2080		mg/Kg		104	70 - 130	3	35
o-Xylene			0.100	0.1011		mg/Kg		101	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-15278-A-49-B MS
Matrix: Solid
Analysis Batch: 26535

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 26561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.07904		mg/Kg		79	70 - 130
Toluene	<0.00200	U	0.0998	0.09255		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.08307		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1903		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09113		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-15278-A-49-C MSD
Matrix: Solid
Analysis Batch: 26535

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 26561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08848		mg/Kg		88	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.09712		mg/Kg		97	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.09008		mg/Kg		90	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.201	0.2013		mg/Kg		100	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.09489		mg/Kg		95	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-26434/1-A
Matrix: Solid
Analysis Batch: 26400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26434

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		05/27/22 11:23	05/27/22 21:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 11:23	05/27/22 21:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 11:23	05/27/22 21:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*05/27/22 11:23*	*05/27/22 21:34*	*1*
o-Terphenyl	*113*		*70 - 130*	*05/27/22 11:23*	*05/27/22 21:34*	*1*

Lab Sample ID: LCS 880-26434/2-A
Matrix: Solid
Analysis Batch: 26400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26434

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	869.4		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1021		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Lab Sample ID: LCSD 880-26434/3-A
Matrix: Solid
Analysis Batch: 26400

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26434

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	825.3		mg/Kg		83	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: 890-2346-A-1-C MS
Matrix: Solid
Analysis Batch: 26400

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 26434

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 F2	1000	1124		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1153		mg/Kg		115	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-2346-A-1-C MS
Matrix: Solid
Analysis Batch: 26400

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 26434

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 890-2346-A-1-D MSD
Matrix: Solid
Analysis Batch: 26400

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 26434

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 F2	999	833.6	F2	mg/Kg		83	70 - 130	30	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	993.4		mg/Kg		99	70 - 130	15	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: MB 880-26465/1-A
Matrix: Solid
Analysis Batch: 26611

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26465

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		05/27/22 15:18	06/01/22 10:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:18	06/01/22 10:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:18	06/01/22 10:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	05/27/22 15:18	06/01/22 10:43	1
o-Terphenyl	120		70 - 130	05/27/22 15:18	06/01/22 10:43	1

Lab Sample ID: LCS 880-26465/2-A
Matrix: Solid
Analysis Batch: 26611

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1021		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1061		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	118		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-26465/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26611 — **Prep Batch: 26465**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1037		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1061		mg/Kg		106	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 130*
o-Terphenyl	*113*		*70 - 130*

Lab Sample ID: 880-15264-3 MS — **Client Sample ID: T-1 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26611 — **Prep Batch: 26465**

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 F1	1000	833.5		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	800.5		mg/Kg		80	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: 880-15264-3 MSD — **Client Sample ID: T-1 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26611 — **Prep Batch: 26465**

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 F1	999	701.1	F1	mg/Kg		66	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	666.0	F1	mg/Kg		67	70 - 130	18	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*79*		*70 - 130*
o-Terphenyl	*78*		*70 - 130*

Lab Sample ID: MB 880-26466/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26613 — **Prep Batch: 26466**

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		05/27/22 15:22	06/01/22 10:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 10:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 10:43	1

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-26466/1-A
Matrix: Solid
Analysis Batch: 26613

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26466

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/27/22 15:22	06/01/22 10:43	1
o-Terphenyl	107		70 - 130	05/27/22 15:22	06/01/22 10:43	1

Lab Sample ID: LCS 880-26466/2-A
Matrix: Solid
Analysis Batch: 26613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26466

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	750.0		mg/Kg		75	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	929.0		mg/Kg		93	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-26466/3-A
Matrix: Solid
Analysis Batch: 26613

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26466

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	751.0		mg/Kg		75	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	963.7		mg/Kg		96	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: 880-15264-21 MS
Matrix: Solid
Analysis Batch: 26613

Client Sample ID: T-4 (5')
Prep Type: Total/NA
Prep Batch: 26466

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 F2	1000	710.4		mg/Kg		71	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	858.5		mg/Kg		86	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	79		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15264-21 MSD — **Client Sample ID: T-4 (5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26613 — **Prep Batch: 26466**

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 F2	999	873.3	F2	mg/Kg		87	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	958.0		mg/Kg		96	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-26445/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26498

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/29/22 10:13	1

Lab Sample ID: LCS 880-26445/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26498

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.1		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-26445/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26498

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.5		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-15264-1 MS — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26498

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	125		250	365.6		mg/Kg		96	90 - 110

Lab Sample ID: 880-15264-1 MSD — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26498

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	125		250	365.7		mg/Kg		96	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-15264-11 MS — **Client Sample ID: T-3 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26498

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	40.1		248	286.8		mg/Kg		100	90 - 110

Lab Sample ID: 880-15264-11 MSD — **Client Sample ID: T-3 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26498

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	40.1		248	285.2		mg/Kg		99	90 - 110	1	20

Lab Sample ID: MB 880-26470/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26499

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/29/22 15:17	1

Lab Sample ID: LCS 880-26470/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26499

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-26470/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26499

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.1		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-15264-21 MS — **Client Sample ID: T-4 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.5		253	261.9		mg/Kg		100	90 - 110

Lab Sample ID: 880-15264-21 MSD — **Client Sample ID: T-4 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.5		253	260.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-15264-31 MS — **Client Sample ID: H-5 (0-6")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 26499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.5		251	256.9		mg/Kg		98	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-15264-31 MSD
Matrix: Solid
Analysis Batch: 26499

Client Sample ID: H-5 (0-6")
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.5		251	255.3		mg/Kg		98	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 26461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-1	T-1 (0-1')	Total/NA	Solid	5035	
880-15264-2	T-1 (1')	Total/NA	Solid	5035	
880-15264-3	T-1 (2')	Total/NA	Solid	5035	
880-15264-4	T-1 (3')	Total/NA	Solid	5035	
880-15264-5	T-1 (4')	Total/NA	Solid	5035	
880-15264-6	T-2 (0-1')	Total/NA	Solid	5035	
880-15264-7	T-2 (1')	Total/NA	Solid	5035	
880-15264-8	T-2 (2')	Total/NA	Solid	5035	
880-15264-9	T-2 (3')	Total/NA	Solid	5035	
880-15264-10	T-2 (4')	Total/NA	Solid	5035	
880-15264-11	T-3 (0-1')	Total/NA	Solid	5035	
880-15264-12	T-3 (1')	Total/NA	Solid	5035	
880-15264-13	T-3 (2')	Total/NA	Solid	5035	
880-15264-14	T-3 (3')	Total/NA	Solid	5035	
880-15264-15	T-3 (4')	Total/NA	Solid	5035	
880-15264-16	T-4 (0-1')	Total/NA	Solid	5035	
880-15264-17	T-4 (1')	Total/NA	Solid	5035	
880-15264-18	T-4 (2')	Total/NA	Solid	5035	
880-15264-19	T-4 (3')	Total/NA	Solid	5035	
880-15264-20	T-4 (4')	Total/NA	Solid	5035	
MB 880-26461/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-26461/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-26461/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15264-3 MS	T-1 (2')	Total/NA	Solid	5035	
880-15264-3 MSD	T-1 (2')	Total/NA	Solid	5035	

Prep Batch: 26463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-21	T-4 (5')	Total/NA	Solid	5035	
880-15264-22	T-5 (0-1')	Total/NA	Solid	5035	
880-15264-23	T-5 (1')	Total/NA	Solid	5035	
880-15264-24	T-5 (2')	Total/NA	Solid	5035	
880-15264-25	T-5 (3')	Total/NA	Solid	5035	
880-15264-26	T-5 (4')	Total/NA	Solid	5035	
880-15264-27	H-1 (0-6")	Total/NA	Solid	5035	
880-15264-28	H-2 (0-6")	Total/NA	Solid	5035	
880-15264-29	H-3 (0-6")	Total/NA	Solid	5035	
880-15264-30	H-4 (0-6")	Total/NA	Solid	5035	
880-15264-31	H-5 (0-6")	Total/NA	Solid	5035	
880-15264-32	H-6 (0-6")	Total/NA	Solid	5035	
880-15264-33	H-7 (0-6")	Total/NA	Solid	5035	
880-15264-34	H-8 (0-6")	Total/NA	Solid	5035	
880-15264-35	H-9 (0-6")	Total/NA	Solid	5035	
MB 880-26463/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-26463/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-26463/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15264-21 MS	T-4 (5')	Total/NA	Solid	5035	
880-15264-21 MSD	T-4 (5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 26468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-1	T-1 (0-1')	Total/NA	Solid	8021B	26461
880-15264-2	T-1 (1')	Total/NA	Solid	8021B	26461
880-15264-3	T-1 (2')	Total/NA	Solid	8021B	26461
880-15264-4	T-1 (3')	Total/NA	Solid	8021B	26461
880-15264-5	T-1 (4')	Total/NA	Solid	8021B	26461
880-15264-6	T-2 (0-1')	Total/NA	Solid	8021B	26461
880-15264-7	T-2 (1')	Total/NA	Solid	8021B	26461
880-15264-8	T-2 (2')	Total/NA	Solid	8021B	26461
880-15264-9	T-2 (3')	Total/NA	Solid	8021B	26461
880-15264-10	T-2 (4')	Total/NA	Solid	8021B	26461
880-15264-11	T-3 (0-1')	Total/NA	Solid	8021B	26461
880-15264-12	T-3 (1')	Total/NA	Solid	8021B	26461
880-15264-13	T-3 (2')	Total/NA	Solid	8021B	26461
880-15264-14	T-3 (3')	Total/NA	Solid	8021B	26461
880-15264-15	T-3 (4')	Total/NA	Solid	8021B	26461
880-15264-16	T-4 (0-1')	Total/NA	Solid	8021B	26461
880-15264-17	T-4 (1')	Total/NA	Solid	8021B	26461
880-15264-18	T-4 (2')	Total/NA	Solid	8021B	26461
880-15264-19	T-4 (3')	Total/NA	Solid	8021B	26461
880-15264-20	T-4 (4')	Total/NA	Solid	8021B	26461
880-15264-21	T-4 (5')	Total/NA	Solid	8021B	26463
880-15264-22	T-5 (0-1')	Total/NA	Solid	8021B	26463
880-15264-23	T-5 (1')	Total/NA	Solid	8021B	26463
880-15264-24	T-5 (2')	Total/NA	Solid	8021B	26463
880-15264-25	T-5 (3')	Total/NA	Solid	8021B	26463
880-15264-26	T-5 (4')	Total/NA	Solid	8021B	26463
880-15264-27	H-1 (0-6")	Total/NA	Solid	8021B	26463
880-15264-28	H-2 (0-6")	Total/NA	Solid	8021B	26463
880-15264-29	H-3 (0-6")	Total/NA	Solid	8021B	26463
880-15264-30	H-4 (0-6")	Total/NA	Solid	8021B	26463
880-15264-31	H-5 (0-6")	Total/NA	Solid	8021B	26463
880-15264-32	H-6 (0-6")	Total/NA	Solid	8021B	26463
880-15264-33	H-7 (0-6")	Total/NA	Solid	8021B	26463
880-15264-34	H-8 (0-6")	Total/NA	Solid	8021B	26463
880-15264-35	H-9 (0-6")	Total/NA	Solid	8021B	26463
MB 880-26461/5-A	Method Blank	Total/NA	Solid	8021B	26461
MB 880-26463/5-A	Method Blank	Total/NA	Solid	8021B	26463
MB 880-26468/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-26461/1-A	Lab Control Sample	Total/NA	Solid	8021B	26461
LCS 880-26463/1-A	Lab Control Sample	Total/NA	Solid	8021B	26463
LCSD 880-26461/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26461
LCSD 880-26463/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26463
880-15264-3 MS	T-1 (2')	Total/NA	Solid	8021B	26461
880-15264-3 MSD	T-1 (2')	Total/NA	Solid	8021B	26461
880-15264-21 MS	T-4 (5')	Total/NA	Solid	8021B	26463
880-15264-21 MSD	T-4 (5')	Total/NA	Solid	8021B	26463

Analysis Batch: 26535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-16	T-4 (0-1')	Total/NA	Solid	8021B	26561
880-15264-17	T-4 (1')	Total/NA	Solid	8021B	26561

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 26535 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-18	T-4 (2')	Total/NA	Solid	8021B	26561
MB 880-26561/5-A	Method Blank	Total/NA	Solid	8021B	26561
LCS 880-26561/1-A	Lab Control Sample	Total/NA	Solid	8021B	26561
LCSD 880-26561/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26561
880-15278-A-49-B MS	Matrix Spike	Total/NA	Solid	8021B	26561
880-15278-A-49-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	26561

Analysis Batch: 26549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-15264-2	T-1 (1')	Total/NA	Solid	Total BTEX	
880-15264-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-15264-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-15264-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-15264-6	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-15264-7	T-2 (1')	Total/NA	Solid	Total BTEX	
880-15264-8	T-2 (2')	Total/NA	Solid	Total BTEX	
880-15264-9	T-2 (3')	Total/NA	Solid	Total BTEX	
880-15264-10	T-2 (4')	Total/NA	Solid	Total BTEX	
880-15264-11	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-15264-12	T-3 (1')	Total/NA	Solid	Total BTEX	
880-15264-13	T-3 (2')	Total/NA	Solid	Total BTEX	
880-15264-14	T-3 (3')	Total/NA	Solid	Total BTEX	
880-15264-15	T-3 (4')	Total/NA	Solid	Total BTEX	
880-15264-16	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-15264-17	T-4 (1')	Total/NA	Solid	Total BTEX	
880-15264-18	T-4 (2')	Total/NA	Solid	Total BTEX	
880-15264-19	T-4 (3')	Total/NA	Solid	Total BTEX	
880-15264-20	T-4 (4')	Total/NA	Solid	Total BTEX	
880-15264-21	T-4 (5')	Total/NA	Solid	Total BTEX	
880-15264-22	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-15264-23	T-5 (1')	Total/NA	Solid	Total BTEX	
880-15264-24	T-5 (2')	Total/NA	Solid	Total BTEX	
880-15264-25	T-5 (3')	Total/NA	Solid	Total BTEX	
880-15264-26	T-5 (4')	Total/NA	Solid	Total BTEX	
880-15264-27	H-1 (0-6")	Total/NA	Solid	Total BTEX	
880-15264-28	H-2 (0-6")	Total/NA	Solid	Total BTEX	
880-15264-29	H-3 (0-6")	Total/NA	Solid	Total BTEX	
880-15264-30	H-4 (0-6")	Total/NA	Solid	Total BTEX	
880-15264-31	H-5 (0-6")	Total/NA	Solid	Total BTEX	
880-15264-32	H-6 (0-6")	Total/NA	Solid	Total BTEX	
880-15264-33	H-7 (0-6")	Total/NA	Solid	Total BTEX	
880-15264-34	H-8 (0-6")	Total/NA	Solid	Total BTEX	
880-15264-35	H-9 (0-6")	Total/NA	Solid	Total BTEX	

Prep Batch: 26561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-16	T-4 (0-1')	Total/NA	Solid	5035	
880-15264-17	T-4 (1')	Total/NA	Solid	5035	
880-15264-18	T-4 (2')	Total/NA	Solid	5035	
MB 880-26561/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 26561 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-26561/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-26561/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15278-A-49-B MS	Matrix Spike	Total/NA	Solid	5035	
880-15278-A-49-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 26400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-35	H-9 (0-6")	Total/NA	Solid	8015B NM	26434
MB 880-26434/1-A	Method Blank	Total/NA	Solid	8015B NM	26434
LCS 880-26434/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26434
LCSD 880-26434/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26434
890-2346-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	26434
890-2346-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	26434

Prep Batch: 26434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-35	H-9 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-26434/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26434/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26434/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2346-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2346-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 26465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-15264-2	T-1 (1')	Total/NA	Solid	8015NM Prep	
880-15264-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-15264-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-15264-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-15264-6	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-15264-7	T-2 (1')	Total/NA	Solid	8015NM Prep	
880-15264-8	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-15264-9	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-15264-10	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-15264-11	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-15264-12	T-3 (1')	Total/NA	Solid	8015NM Prep	
880-15264-13	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-15264-14	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-15264-15	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-15264-16	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-15264-17	T-4 (1')	Total/NA	Solid	8015NM Prep	
880-15264-18	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-15264-19	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-15264-20	T-4 (4')	Total/NA	Solid	8015NM Prep	
MB 880-26465/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26465/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26465/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15264-3 MS	T-1 (2')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 26465 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-3 MSD	T-1 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 26466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-21	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-15264-22	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-15264-23	T-5 (1')	Total/NA	Solid	8015NM Prep	
880-15264-24	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-15264-25	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-15264-26	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-15264-27	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-15264-28	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-15264-29	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-15264-30	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-15264-31	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
880-15264-32	H-6 (0-6")	Total/NA	Solid	8015NM Prep	
880-15264-33	H-7 (0-6")	Total/NA	Solid	8015NM Prep	
880-15264-34	H-8 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-26466/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26466/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15264-21 MS	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-15264-21 MSD	T-4 (5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 26578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-15264-2	T-1 (1')	Total/NA	Solid	8015 NM	
880-15264-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-15264-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-15264-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-15264-6	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-15264-7	T-2 (1')	Total/NA	Solid	8015 NM	
880-15264-8	T-2 (2')	Total/NA	Solid	8015 NM	
880-15264-9	T-2 (3')	Total/NA	Solid	8015 NM	
880-15264-10	T-2 (4')	Total/NA	Solid	8015 NM	
880-15264-11	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-15264-12	T-3 (1')	Total/NA	Solid	8015 NM	
880-15264-13	T-3 (2')	Total/NA	Solid	8015 NM	
880-15264-14	T-3 (3')	Total/NA	Solid	8015 NM	
880-15264-15	T-3 (4')	Total/NA	Solid	8015 NM	
880-15264-16	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-15264-17	T-4 (1')	Total/NA	Solid	8015 NM	
880-15264-18	T-4 (2')	Total/NA	Solid	8015 NM	
880-15264-19	T-4 (3')	Total/NA	Solid	8015 NM	
880-15264-20	T-4 (4')	Total/NA	Solid	8015 NM	
880-15264-21	T-4 (5')	Total/NA	Solid	8015 NM	
880-15264-22	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-15264-23	T-5 (1')	Total/NA	Solid	8015 NM	
880-15264-24	T-5 (2')	Total/NA	Solid	8015 NM	
880-15264-25	T-5 (3')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 26578 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-26	T-5 (4')	Total/NA	Solid	8015 NM	
880-15264-27	H-1 (0-6")	Total/NA	Solid	8015 NM	
880-15264-28	H-2 (0-6")	Total/NA	Solid	8015 NM	
880-15264-29	H-3 (0-6")	Total/NA	Solid	8015 NM	
880-15264-30	H-4 (0-6")	Total/NA	Solid	8015 NM	
880-15264-31	H-5 (0-6")	Total/NA	Solid	8015 NM	
880-15264-32	H-6 (0-6")	Total/NA	Solid	8015 NM	
880-15264-33	H-7 (0-6")	Total/NA	Solid	8015 NM	
880-15264-34	H-8 (0-6")	Total/NA	Solid	8015 NM	
880-15264-35	H-9 (0-6")	Total/NA	Solid	8015 NM	

Analysis Batch: 26611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-1	T-1 (0-1')	Total/NA	Solid	8015B NM	26465
880-15264-2	T-1 (1')	Total/NA	Solid	8015B NM	26465
880-15264-3	T-1 (2')	Total/NA	Solid	8015B NM	26465
880-15264-4	T-1 (3')	Total/NA	Solid	8015B NM	26465
880-15264-5	T-1 (4')	Total/NA	Solid	8015B NM	26465
880-15264-6	T-2 (0-1')	Total/NA	Solid	8015B NM	26465
880-15264-7	T-2 (1')	Total/NA	Solid	8015B NM	26465
880-15264-8	T-2 (2')	Total/NA	Solid	8015B NM	26465
880-15264-9	T-2 (3')	Total/NA	Solid	8015B NM	26465
880-15264-10	T-2 (4')	Total/NA	Solid	8015B NM	26465
880-15264-11	T-3 (0-1')	Total/NA	Solid	8015B NM	26465
880-15264-12	T-3 (1')	Total/NA	Solid	8015B NM	26465
880-15264-13	T-3 (2')	Total/NA	Solid	8015B NM	26465
880-15264-14	T-3 (3')	Total/NA	Solid	8015B NM	26465
880-15264-15	T-3 (4')	Total/NA	Solid	8015B NM	26465
880-15264-16	T-4 (0-1')	Total/NA	Solid	8015B NM	26465
880-15264-17	T-4 (1')	Total/NA	Solid	8015B NM	26465
880-15264-18	T-4 (2')	Total/NA	Solid	8015B NM	26465
880-15264-19	T-4 (3')	Total/NA	Solid	8015B NM	26465
880-15264-20	T-4 (4')	Total/NA	Solid	8015B NM	26465
MB 880-26465/1-A	Method Blank	Total/NA	Solid	8015B NM	26465
LCS 880-26465/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26465
LCSD 880-26465/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26465
880-15264-3 MS	T-1 (2')	Total/NA	Solid	8015B NM	26465
880-15264-3 MSD	T-1 (2')	Total/NA	Solid	8015B NM	26465

Analysis Batch: 26613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-21	T-4 (5')	Total/NA	Solid	8015B NM	26466
880-15264-22	T-5 (0-1')	Total/NA	Solid	8015B NM	26466
880-15264-23	T-5 (1')	Total/NA	Solid	8015B NM	26466
880-15264-24	T-5 (2')	Total/NA	Solid	8015B NM	26466
880-15264-25	T-5 (3')	Total/NA	Solid	8015B NM	26466
880-15264-26	T-5 (4')	Total/NA	Solid	8015B NM	26466
880-15264-27	H-1 (0-6")	Total/NA	Solid	8015B NM	26466
880-15264-28	H-2 (0-6")	Total/NA	Solid	8015B NM	26466
880-15264-29	H-3 (0-6")	Total/NA	Solid	8015B NM	26466
880-15264-30	H-4 (0-6")	Total/NA	Solid	8015B NM	26466

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 26613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-31	H-5 (0-6")	Total/NA	Solid	8015B NM	26466
880-15264-32	H-6 (0-6")	Total/NA	Solid	8015B NM	26466
880-15264-33	H-7 (0-6")	Total/NA	Solid	8015B NM	26466
880-15264-34	H-8 (0-6")	Total/NA	Solid	8015B NM	26466
MB 880-26466/1-A	Method Blank	Total/NA	Solid	8015B NM	26466
LCS 880-26466/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26466
LCSD 880-26466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26466
880-15264-21 MS	T-4 (5')	Total/NA	Solid	8015B NM	26466
880-15264-21 MSD	T-4 (5')	Total/NA	Solid	8015B NM	26466

HPLC/IC

Leach Batch: 26445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-15264-2	T-1 (1')	Soluble	Solid	DI Leach	
880-15264-3	T-1 (2')	Soluble	Solid	DI Leach	
880-15264-4	T-1 (3')	Soluble	Solid	DI Leach	
880-15264-5	T-1 (4')	Soluble	Solid	DI Leach	
880-15264-6	T-2 (0-1')	Soluble	Solid	DI Leach	
880-15264-7	T-2 (1')	Soluble	Solid	DI Leach	
880-15264-8	T-2 (2')	Soluble	Solid	DI Leach	
880-15264-9	T-2 (3')	Soluble	Solid	DI Leach	
880-15264-10	T-2 (4')	Soluble	Solid	DI Leach	
880-15264-11	T-3 (0-1')	Soluble	Solid	DI Leach	
880-15264-12	T-3 (1')	Soluble	Solid	DI Leach	
880-15264-13	T-3 (2')	Soluble	Solid	DI Leach	
880-15264-14	T-3 (3')	Soluble	Solid	DI Leach	
880-15264-15	T-3 (4')	Soluble	Solid	DI Leach	
880-15264-16	T-4 (0-1')	Soluble	Solid	DI Leach	
880-15264-17	T-4 (1')	Soluble	Solid	DI Leach	
880-15264-18	T-4 (2')	Soluble	Solid	DI Leach	
880-15264-19	T-4 (3')	Soluble	Solid	DI Leach	
880-15264-20	T-4 (4')	Soluble	Solid	DI Leach	
MB 880-26445/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-26445/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-26445/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15264-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-15264-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-15264-11 MS	T-3 (0-1')	Soluble	Solid	DI Leach	
880-15264-11 MSD	T-3 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 26470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-21	T-4 (5')	Soluble	Solid	DI Leach	
880-15264-22	T-5 (0-1')	Soluble	Solid	DI Leach	
880-15264-23	T-5 (1')	Soluble	Solid	DI Leach	
880-15264-24	T-5 (2')	Soluble	Solid	DI Leach	
880-15264-25	T-5 (3')	Soluble	Solid	DI Leach	
880-15264-26	T-5 (4')	Soluble	Solid	DI Leach	
880-15264-27	H-1 (0-6")	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 26470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-28	H-2 (0-6")	Soluble	Solid	DI Leach	
880-15264-29	H-3 (0-6")	Soluble	Solid	DI Leach	
880-15264-30	H-4 (0-6")	Soluble	Solid	DI Leach	
880-15264-31	H-5 (0-6")	Soluble	Solid	DI Leach	
880-15264-32	H-6 (0-6")	Soluble	Solid	DI Leach	
880-15264-33	H-7 (0-6")	Soluble	Solid	DI Leach	
880-15264-34	H-8 (0-6")	Soluble	Solid	DI Leach	
880-15264-35	H-9 (0-6")	Soluble	Solid	DI Leach	
MB 880-26470/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-26470/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-26470/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15264-21 MS	T-4 (5')	Soluble	Solid	DI Leach	
880-15264-21 MSD	T-4 (5')	Soluble	Solid	DI Leach	
880-15264-31 MS	H-5 (0-6")	Soluble	Solid	DI Leach	
880-15264-31 MSD	H-5 (0-6")	Soluble	Solid	DI Leach	

Analysis Batch: 26498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-1	T-1 (0-1')	Soluble	Solid	300.0	26445
880-15264-2	T-1 (1')	Soluble	Solid	300.0	26445
880-15264-3	T-1 (2')	Soluble	Solid	300.0	26445
880-15264-4	T-1 (3')	Soluble	Solid	300.0	26445
880-15264-5	T-1 (4')	Soluble	Solid	300.0	26445
880-15264-6	T-2 (0-1')	Soluble	Solid	300.0	26445
880-15264-7	T-2 (1')	Soluble	Solid	300.0	26445
880-15264-8	T-2 (2')	Soluble	Solid	300.0	26445
880-15264-9	T-2 (3')	Soluble	Solid	300.0	26445
880-15264-10	T-2 (4')	Soluble	Solid	300.0	26445
880-15264-11	T-3 (0-1')	Soluble	Solid	300.0	26445
880-15264-12	T-3 (1')	Soluble	Solid	300.0	26445
880-15264-13	T-3 (2')	Soluble	Solid	300.0	26445
880-15264-14	T-3 (3')	Soluble	Solid	300.0	26445
880-15264-15	T-3 (4')	Soluble	Solid	300.0	26445
880-15264-16	T-4 (0-1')	Soluble	Solid	300.0	26445
880-15264-17	T-4 (1')	Soluble	Solid	300.0	26445
880-15264-18	T-4 (2')	Soluble	Solid	300.0	26445
880-15264-19	T-4 (3')	Soluble	Solid	300.0	26445
880-15264-20	T-4 (4')	Soluble	Solid	300.0	26445
MB 880-26445/1-A	Method Blank	Soluble	Solid	300.0	26445
LCS 880-26445/2-A	Lab Control Sample	Soluble	Solid	300.0	26445
LCSD 880-26445/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	26445
880-15264-1 MS	T-1 (0-1')	Soluble	Solid	300.0	26445
880-15264-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	26445
880-15264-11 MS	T-3 (0-1')	Soluble	Solid	300.0	26445
880-15264-11 MSD	T-3 (0-1')	Soluble	Solid	300.0	26445

Analysis Batch: 26499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-21	T-4 (5')	Soluble	Solid	300.0	26470
880-15264-22	T-5 (0-1')	Soluble	Solid	300.0	26470
880-15264-23	T-5 (1')	Soluble	Solid	300.0	26470

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 26499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15264-24	T-5 (2')	Soluble	Solid	300.0	26470
880-15264-25	T-5 (3')	Soluble	Solid	300.0	26470
880-15264-26	T-5 (4')	Soluble	Solid	300.0	26470
880-15264-27	H-1 (0-6")	Soluble	Solid	300.0	26470
880-15264-28	H-2 (0-6")	Soluble	Solid	300.0	26470
880-15264-29	H-3 (0-6")	Soluble	Solid	300.0	26470
880-15264-30	H-4 (0-6")	Soluble	Solid	300.0	26470
880-15264-31	H-5 (0-6")	Soluble	Solid	300.0	26470
880-15264-32	H-6 (0-6")	Soluble	Solid	300.0	26470
880-15264-33	H-7 (0-6")	Soluble	Solid	300.0	26470
880-15264-34	H-8 (0-6")	Soluble	Solid	300.0	26470
880-15264-35	H-9 (0-6")	Soluble	Solid	300.0	26470
MB 880-26470/1-A	Method Blank	Soluble	Solid	300.0	26470
LCS 880-26470/2-A	Lab Control Sample	Soluble	Solid	300.0	26470
LCSD 880-26470/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	26470
880-15264-21 MS	T-4 (5')	Soluble	Solid	300.0	26470
880-15264-21 MSD	T-4 (5')	Soluble	Solid	300.0	26470
880-15264-31 MS	H-5 (0-6")	Soluble	Solid	300.0	26470
880-15264-31 MSD	H-5 (0-6")	Soluble	Solid	300.0	26470

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-15264-1
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	26468	05/28/22 08:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		5			26611	06/01/22 12:55	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 10:36	SC	XEN MID

Client Sample ID: T-1 (1')

Lab Sample ID: 880-15264-2
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	26468	05/28/22 09:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		5			26611	06/01/22 13:17	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 11:00	SC	XEN MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-15264-3
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 06:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 11:49	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 11:08	SC	XEN MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-15264-4
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 07:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-15264-4
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 13:39	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 11:16	SC	XEN MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-15264-5
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 07:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 14:01	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 11:24	SC	XEN MID

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-15264-6
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	26468	05/28/22 09:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 14:24	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 11:47	SC	XEN MID

Client Sample ID: T-2 (1')

Lab Sample ID: 880-15264-7
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	26468	05/28/22 09:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 14:47	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1')

Lab Sample ID: 880-15264-7
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 11:55	SC	XEN MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-15264-8
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 07:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 15:09	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 12:03	SC	XEN MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-15264-9
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 08:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 15:31	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 12:11	SC	XEN MID

Client Sample ID: T-2 (4')

Lab Sample ID: 880-15264-10
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 08:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 15:53	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 12:19	SC	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-15264-11
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 13:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 18:11	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 12:27	SC	XEN MID

Client Sample ID: T-3 (1')

Lab Sample ID: 880-15264-12
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 13:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 17:50	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 12:51	SC	XEN MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-15264-13
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 13:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 18:33	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 12:59	SC	XEN MID

Client Sample ID: T-3 (3')

Lab Sample ID: 880-15264-14
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 14:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-14
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			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 18:55	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 13:23	SC	XEN MID

Client Sample ID: T-3 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-15
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			5.00 g	5 mL	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 14:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 19:16	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 13:30	SC	XEN MID

Client Sample ID: T-4 (0-1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-16
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			4.95 g	5 mL	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 15:41	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	26561	05/31/22 10:35	MR	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	26535	05/31/22 16:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 16:44	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 13:38	SC	XEN MID

Client Sample ID: T-4 (1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	26468	05/28/22 16:02	MR	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	26561	05/31/22 10:35	MR	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	26535	05/31/22 17:04	MR	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1')

Lab Sample ID: 880-15264-17
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 17:06	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 13:46	SC	XEN MID

Client Sample ID: T-4 (2')

Lab Sample ID: 880-15264-18
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	26468	05/28/22 16:22	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	26561	05/31/22 10:35	MR	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	26535	05/31/22 17:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 17:28	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 13:54	SC	XEN MID

Client Sample ID: T-4 (3')

Lab Sample ID: 880-15264-19
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 15:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 19:38	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 14:02	SC	XEN MID

Client Sample ID: T-4 (4')

Lab Sample ID: 880-15264-20
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26461	05/27/22 14:46	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/28/22 15:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (4')

Lab Sample ID: 880-15264-20
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26465	05/27/22 15:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26611	06/01/22 19:59	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26445	05/27/22 15:36	SC	XEN MID
Soluble	Analysis	300.0		1			26498	05/29/22 14:10	SC	XEN MID

Client Sample ID: T-4 (5')

Lab Sample ID: 880-15264-21
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 18:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 11:49	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 15:41	SC	XEN MID

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-15264-22
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	26468	05/29/22 21:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 12:55	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 16:05	SC	XEN MID

Client Sample ID: T-5 (1')

Lab Sample ID: 880-15264-23
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	26468	05/29/22 21:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 13:17	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (1')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-23
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 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 16:13	SC	XEN MID

Client Sample ID: T-5 (2')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 18:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 13:39	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 16:21	SC	XEN MID

Client Sample ID: T-5 (3')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-25
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			5.00 g	5 mL	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 19:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 14:01	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 16:29	SC	XEN MID

Client Sample ID: T-5 (4')

Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

Lab Sample ID: 880-15264-26
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			4.97 g	5 mL	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 19:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 14:24	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 16:52	SC	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-15264-27
Date Collected: 05/27/22 00:00
Matrix: Solid
Date Received: 05/27/22 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.96 g	5 mL	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 19:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 14:47	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 17:00	SC	XEN MID

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-15264-28
Date Collected: 05/27/22 00:00
Matrix: Solid
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 20:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 15:09	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 17:08	SC	XEN MID

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15264-29
Date Collected: 05/27/22 00:00
Matrix: Solid
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 20:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 15:31	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 17:16	SC	XEN MID

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-15264-30
Date Collected: 05/27/22 00:00
Matrix: Solid
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 20:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-15264-30
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 15:53	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 17:24	SC	XEN MID

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-15264-31
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 23:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 16:44	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 17:32	SC	XEN MID

Client Sample ID: H-6 (0-6")

Lab Sample ID: 880-15264-32
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 23:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 17:06	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 17:55	SC	XEN MID

Client Sample ID: H-7 (0-6")

Lab Sample ID: 880-15264-33
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/29/22 23:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 17:28	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-6")

Lab Sample ID: 880-15264-33
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 18:03	SC	XEN MID

Client Sample ID: H-8 (0-6")

Lab Sample ID: 880-15264-34
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/30/22 00:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26466	05/27/22 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 17:50	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 18:27	SC	XEN MID

Client Sample ID: H-9 (0-6")

Lab Sample ID: 880-15264-35
Matrix: Solid
Date Collected: 05/27/22 00:00
Date Received: 05/27/22 14:19

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	26463	05/27/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26468	05/30/22 00:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26549	05/31/22 09:13	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26578	05/31/22 11:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26434	05/27/22 15:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26400	05/28/22 07:54	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	26470	05/27/22 15:39	SC	XEN MID
Soluble	Analysis	300.0		1			26499	05/29/22 18:35	SC	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
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	T104704400-21-22	06-30-22

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	OII Range Organics (Over C28-C36)
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: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Sample Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15264-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15264-1	T-1 (0-1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-2	T-1 (1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-3	T-1 (2')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-4	T-1 (3')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-5	T-1 (4')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-6	T-2 (0-1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-7	T-2 (1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-8	T-2 (2')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-9	T-2 (3')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-10	T-2 (4')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-11	T-3 (0-1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-12	T-3 (1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-13	T-3 (2')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-14	T-3 (3')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-15	T-3 (4')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-16	T-4 (0-1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-17	T-4 (1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-18	T-4 (2')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-19	T-4 (3')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-20	T-4 (4')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-21	T-4 (5')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-22	T-5 (0-1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-23	T-5 (1')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-24	T-5 (2')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-25	T-5 (3')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-26	T-5 (4')	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-27	H-1 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-28	H-2 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-29	H-3 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-30	H-4 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-31	H-5 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-32	H-6 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-33	H-7 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-34	H-8 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19
880-15264-35	H-9 (0-6")	Solid	05/27/22 00:00	05/27/22 14:19

Work Order No: 15264

6/2/2022

Page 1 of 4

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☒ Rush
Project Location	Lea County, New Mexico	Due Date	72 HRS
Sampler's Name	CM		
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	-.2
Sample Custody Seals	Yes No N/A	Temperature Reading	.5
Total Containers		Corrected Temperature.	.3

ANALYSIS REQUEST

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
T-1 (0-1')	5/27/2022		x		Grab/	1	x	x	x	
T-1 (1')	5/27/2022		x		Grab/	1	x	x	x	
T-1 (2')	5/27/2022		x		Grab/	1	x	x	x	
T-1 (3')	5/27/2022		x		Grab/	1	x	x	x	
T-1 (4')	5/27/2022		x		Grab/	1	x	x	x	
T-2 (0-1')	5/27/2022		x		Grab/	1	x	x	x	
T-2 (1')	5/27/2022		x		Grab/	1	x	x	x	
T-2 (2')	5/27/2022		x		Grab/	1	x	x	x	
T-2 (3')	5/27/2022		x		Grab/	1	x	x	x	
T-2 (4')	5/27/2022		x		Grab/	1	x	x	x	

880-15264 Chain of Custody

Comments: Email to: Mike Carmona Mcarmona@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	5/27/22 14:19	Leticia R	

Work Order No: 15264

6/2/2022

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☒ Rush
Project Location	Lea County, New Mexico	Due Date	72 HRS
Sampler's Name	CM		
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-3 (0-1')	5/27/2022		x		Grab/	1		x	x	x	
T-3 (1')	5/27/2022		x		Grab/	1		x	x	x	
T-3 (2')	5/27/2022		x		Grab/	1		x	x	x	
T-3 (3')	5/27/2022		x		Grab/	1		x	x	x	
T-3 (4')	5/27/2022		x		Grab/	1		x	x	x	
T-4 (0-1')	5/27/2022		x		Grab/	1		x	x	x	
T-4 (1')	5/27/2022		x		Grab/	1		x	x	x	
T-4 (2')	5/27/2022		x		Grab/	1		x	x	x	
T-4 (3')	5/27/2022		x		Grab/	1		x	x	x	
T-4 (4')	5/27/2022		x		Grab/	1		x	x	x	

Comments: Email to: Mike Carmona Mcarmona@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
[signature]	5/27/22 14:19	Leticia R	

Work Order No: 152164

6/2/2022

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☒ Rush
Project Location	Lea County New Mexico	Due Date	72 HRS
Sampler's Name	CM		
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
T-4 (5')	5/27/2022		x		Grab/	1	x	x	x	
T-5 (0-1')	5/27/2022		x		Grab/	1	x	x	x	
T-5 (1')	5/27/2022		x		Grab/	1	x	x	x	
T-5 (2')	5/27/2022		x		Grab/	1	x	x	x	
T-5 (3')	5/27/2022		x		Grab/	1	x	x	x	
T-5 (4')	5/27/2022		x		Grab/	1	x	x	x	
H-1 (0-6")	5/27/2022		x		Grab/	1	x	x	x	
H-2 (0-6")	5/27/2022		x		Grab/	1	x	x	x	
H-3 (0-6")	5/27/2022		x		Grab/	1	x	x	x	
H-4 (0-6")	5/27/2022		x		Grab/	1	x	x	x	

Comments: Email to: Mike Carmona Mcarmona@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	5/27/22 14:19	Leticia R	

Work Order No: 152604

6/2/2022

Page 4 of 4

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☒ Rush
Project Location	Lea County, New Mexico	Due Date	72 Hrs
Sampler's Name	CM		
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
H-5 (0-6")	5/27/2022		x		Grab/	1		x	x	x
H-6 (0-6")	5/27/2022		x		Grab/	1		x	x	x
H-7 (0-6")	5/27/2022		x		Grab/	1		x	x	x
H-8 (0-6")	5/27/2022		x		Grab/	1		x	x	x
H-9 (0-6")	5/27/2022		x		Grab/	1		x	x	x

ANALYSIS REQUEST / Parameters

Sample Comments

Loc: 880
15264

Comments:

Email to: Mike Carmona Mcarmona@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	5/27/22 14:19	Leticia R	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15264-1
SDG Number: Lea County, New Mexico

Login Number: 15264
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.	N/A	No time on COC, logged in per container labels.
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 America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-15717-1
Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: Driver 14 FC CTB

For:
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Conner Moehring

JKramer

Authorized for release by:
6/13/2022 12:20:06 PM

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

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Laboratory Job ID: 880-15717-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
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)

Definitions/Glossary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Job ID: 880-15717-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-15717-1

Receipt
The samples were received on 6/10/2022 8:03 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 0.1°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-27338 and analytical batch 880-27335 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27255 and analytical batch 880-27337 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 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-27255 and analytical batch 880-27350 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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 880-27256 and analytical batch 880-27246 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27257 and analytical batch 880-27244 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-30 (3.5') (880-15717-30). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-27258/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27297 and analytical batch 880-27317 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: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-1
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1 F2	0.00199		mg/Kg		06/10/22 08:48	06/10/22 18:24	1
Toluene	<0.00199	U F1 F2	0.00199		mg/Kg		06/10/22 08:48	06/10/22 18:24	1
Ethylbenzene	<0.00199	U F1 F2	0.00199		mg/Kg		06/10/22 08:48	06/10/22 18:24	1
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.00398		mg/Kg		06/10/22 08:48	06/10/22 18:24	1
o-Xylene	<0.00199	U F1 F2	0.00199		mg/Kg		06/10/22 08:48	06/10/22 18:24	1
Xylenes, Total	<0.00398	U F1 F2	0.00398		mg/Kg		06/10/22 08:48	06/10/22 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/10/22 08:48*	*06/10/22 18:24*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*06/10/22 08:48*	*06/10/22 18:24*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/10/22 21:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/10/22 21:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/10/22 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*06/10/22 09:20*	*06/10/22 21:39*	*1*
o-Terphenyl	*94*		*70 - 130*	*06/10/22 09:20*	*06/10/22 21:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		4.98		mg/Kg			06/10/22 14:48	1

Client Sample ID: CS-2 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-2
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 18:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 18:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 18:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/10/22 08:48	06/10/22 18:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 18:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/10/22 08:48	06/10/22 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/10/22 08:48*	*06/10/22 18:44*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*06/10/22 08:48*	*06/10/22 18:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-2
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/10/22 22:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/10/22 22:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/10/22 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*06/10/22 09:20*	*06/10/22 22:44*	*1*
o-Terphenyl	*84*		*70 - 130*	*06/10/22 09:20*	*06/10/22 22:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.7**		4.95		mg/Kg			06/10/22 15:16	1

Client Sample ID: CS-3 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-3
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 19:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 19:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 19:05	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/10/22 08:48	06/10/22 19:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 19:05	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/10/22 08:48	06/10/22 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*06/10/22 08:48*	*06/10/22 19:05*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/10/22 08:48*	*06/10/22 19:05*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/10/22 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/10/22 23:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-3
Matrix: Solid

Method: 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		06/10/22 09:20	06/10/22 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*06/10/22 09:20*	*06/10/22 23:06*	*1*
o-Terphenyl	*87*		*70 - 130*	*06/10/22 09:20*	*06/10/22 23:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.2**		5.01		mg/Kg			06/10/22 15:25	1

Client Sample ID: CS-4 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-4
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 19:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 19:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 19:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/22 08:48	06/10/22 19:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 19:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/22 08:48	06/10/22 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*06/10/22 08:48*	*06/10/22 19:25*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*06/10/22 08:48*	*06/10/22 19:25*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/10/22 23:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/10/22 23:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/10/22 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*06/10/22 09:20*	*06/10/22 23:28*	*1*
o-Terphenyl	*105*		*70 - 130*	*06/10/22 09:20*	*06/10/22 23:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		4.99		mg/Kg			06/10/22 15:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-5
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0259**		0.00200		mg/Kg		06/10/22 08:48	06/10/22 19:46	1
Toluene	**0.0312**		0.00200		mg/Kg		06/10/22 08:48	06/10/22 19:46	1
Ethylbenzene	**0.0371**		0.00200		mg/Kg		06/10/22 08:48	06/10/22 19:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 08:48	06/10/22 19:46	1
o-Xylene	**0.118**		0.00200		mg/Kg		06/10/22 08:48	06/10/22 19:46	1
Xylenes, Total	**0.118**		0.00400		mg/Kg		06/10/22 08:48	06/10/22 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*4717*	*S1+*	*70 - 130*	*06/10/22 08:48*	*06/10/22 19:46*	*1*
1,4-Difluorobenzene (Surr)	*168*	*S1+*	*70 - 130*	*06/10/22 08:48*	*06/10/22 19:46*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.212**		0.00400		mg/Kg			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/10/22 23:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/10/22 23:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/10/22 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*06/10/22 09:20*	*06/10/22 23:50*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/10/22 09:20*	*06/10/22 23:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		4.98		mg/Kg			06/10/22 15:43	1

Client Sample ID: CS-6 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-6
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/10/22 20:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/10/22 20:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/10/22 20:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/22 08:48	06/10/22 20:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/10/22 20:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/22 08:48	06/10/22 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/10/22 08:48*	*06/10/22 20:06*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/10/22 08:48*	*06/10/22 20:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-6
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 00:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 00:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*06/10/22 09:20*	*06/11/22 00:12*	*1*
o-Terphenyl	*105*		*70 - 130*	*06/10/22 09:20*	*06/11/22 00:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.1**		5.00		mg/Kg			06/10/22 16:11	1

Client Sample ID: CS-7 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-7
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 20:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 20:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 20:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/10/22 08:48	06/10/22 20:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 20:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/10/22 08:48	06/10/22 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*06/10/22 08:48*	*06/10/22 20:27*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*06/10/22 08:48*	*06/10/22 20:27*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 00:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 00:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-7
Matrix: Solid

Method: 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		06/10/22 09:20	06/11/22 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*06/10/22 09:20*	*06/11/22 00:35*	*1*
o-Terphenyl	*97*		*70 - 130*	*06/10/22 09:20*	*06/11/22 00:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.3**		4.97		mg/Kg			06/10/22 16:20	1

Client Sample ID: CS-8 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-8
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/10/22 20:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/10/22 20:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/10/22 20:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/22 08:48	06/10/22 20:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/10/22 20:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/22 08:48	06/10/22 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*06/10/22 08:48*	*06/10/22 20:47*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*06/10/22 08:48*	*06/10/22 20:47*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 00:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 00:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*06/10/22 09:20*	*06/11/22 00:57*	*1*
o-Terphenyl	*83*		*70 - 130*	*06/10/22 09:20*	*06/11/22 00:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.65**		4.99		mg/Kg			06/10/22 16:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-9
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/10/22 21:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/10/22 21:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/10/22 21:07	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/10/22 08:48	06/10/22 21:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/10/22 21:07	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/10/22 08:48	06/10/22 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*06/10/22 08:48*	*06/10/22 21:07*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/10/22 08:48*	*06/10/22 21:07*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/11/22 01:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 01:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*06/10/22 09:20*	*06/11/22 01:20*	*1*
o-Terphenyl	*85*		*70 - 130*	*06/10/22 09:20*	*06/11/22 01:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.2**		4.96		mg/Kg			06/10/22 16:39	1

Client Sample ID: CS-10 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-10
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 21:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 21:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 21:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/10/22 08:48	06/10/22 21:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 21:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/10/22 08:48	06/10/22 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*06/10/22 08:48*	*06/10/22 21:28*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/10/22 08:48*	*06/10/22 21:28*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-10
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/11/22 01:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 01:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*06/10/22 09:20*	*06/11/22 01:42*	*1*
o-Terphenyl	*90*		*70 - 130*	*06/10/22 09:20*	*06/11/22 01:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.1**		5.00		mg/Kg			06/10/22 16:48	1

Client Sample ID: CS-11 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-11
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 23:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 23:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 23:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/10/22 08:48	06/10/22 23:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/10/22 23:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/10/22 08:48	06/10/22 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/10/22 08:48*	*06/10/22 23:19*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/10/22 08:48*	*06/10/22 23:19*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 02:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 02:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*06/10/22 09:20*	*06/11/22 02:27*	*1*
o-Terphenyl	*108*		*70 - 130*	*06/10/22 09:20*	*06/11/22 02:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.9**		4.95		mg/Kg			06/10/22 16:57	1

Client Sample ID: CS-12 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-12
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:48	06/10/22 23:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:48	06/10/22 23:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:48	06/10/22 23:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/22 08:48	06/10/22 23:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:48	06/10/22 23:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/22 08:48	06/10/22 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/10/22 08:48*	*06/10/22 23:39*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*06/10/22 08:48*	*06/10/22 23:39*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 02:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 02:49	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*06/10/22 09:20*	*06/11/22 02:49*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/10/22 09:20*	*06/11/22 02:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.4**		5.00		mg/Kg			06/10/22 17:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-13

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/11/22 00:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/11/22 00:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/11/22 00:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/22 08:48	06/11/22 00:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:48	06/11/22 00:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/22 08:48	06/11/22 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*06/10/22 08:48*	*06/11/22 00:00*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*06/10/22 08:48*	*06/11/22 00:00*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/11/22 03:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 03:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*06/10/22 09:20*	*06/11/22 03:11*	*1*
o-Terphenyl	*85*		*70 - 130*	*06/10/22 09:20*	*06/11/22 03:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		4.98		mg/Kg			06/10/22 17:34	1

Client Sample ID: CS-14 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-14

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:48	06/11/22 00:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:48	06/11/22 00:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:48	06/11/22 00:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/22 08:48	06/11/22 00:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:48	06/11/22 00:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/22 08:48	06/11/22 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/10/22 08:48*	*06/11/22 00:20*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/10/22 08:48*	*06/11/22 00:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-14
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/11/22 03:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 03:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*06/10/22 09:20*	*06/11/22 03:33*	*1*
o-Terphenyl	*96*		*70 - 130*	*06/10/22 09:20*	*06/11/22 03:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.3**		4.97		mg/Kg			06/10/22 18:02	1

Client Sample ID: CS-15 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-15
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0172**		0.00200		mg/Kg		06/10/22 08:48	06/11/22 00:41	1
Toluene	**0.00373**		0.00200		mg/Kg		06/10/22 08:48	06/11/22 00:41	1
Ethylbenzene	**0.0348**		0.00200		mg/Kg		06/10/22 08:48	06/11/22 00:41	1
m-Xylene & p-Xylene	**0.0351**		0.00400		mg/Kg		06/10/22 08:48	06/11/22 00:41	1
o-Xylene	**0.0678**		0.00200		mg/Kg		06/10/22 08:48	06/11/22 00:41	1
Xylenes, Total	**0.103**		0.00400		mg/Kg		06/10/22 08:48	06/11/22 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*6346*	*S1+*	*70 - 130*	*06/10/22 08:48*	*06/11/22 00:41*	*1*
1,4-Difluorobenzene (Surr)	*6091*	*S1+*	*70 - 130*	*06/10/22 08:48*	*06/11/22 00:41*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.159**		0.00400		mg/Kg			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 03:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 03:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*06/10/22 09:20*	*06/11/22 03:55*	*1*
o-Terphenyl	*107*		*70 - 130*	*06/10/22 09:20*	*06/11/22 03:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.7**		4.96		mg/Kg			06/10/22 18:11	1

Client Sample ID: CS-16 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-16
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/11/22 01:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/11/22 01:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/11/22 01:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/10/22 08:48	06/11/22 01:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/11/22 01:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/10/22 08:48	06/11/22 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/10/22 08:48*	*06/11/22 01:01*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/10/22 08:48*	*06/11/22 01:01*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/11/22 04:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 04:17	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*06/10/22 09:20*	*06/11/22 04:17*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/10/22 09:20*	*06/11/22 04:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.74**		4.99		mg/Kg			06/10/22 18:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-17
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/11/22 01:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/11/22 01:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/11/22 01:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/22 08:48	06/11/22 01:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/11/22 01:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/22 08:48	06/11/22 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/10/22 08:48*	*06/11/22 01:22*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*06/10/22 08:48*	*06/11/22 01:22*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 04:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 04:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*06/10/22 09:20*	*06/11/22 04:39*	*1*
o-Terphenyl	*84*		*70 - 130*	*06/10/22 09:20*	*06/11/22 04:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		5.04		mg/Kg			06/10/22 18:29	1

Client Sample ID: CS-18 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-18
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/11/22 01:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/11/22 01:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/11/22 01:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/22 08:48	06/11/22 01:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/11/22 01:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/22 08:48	06/11/22 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*06/10/22 08:48*	*06/11/22 01:42*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/10/22 08:48*	*06/11/22 01:42*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-18
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		06/10/22 09:20	06/11/22 05:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 05:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/11/22 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*06/10/22 09:20*	*06/11/22 05:00*	*1*
o-Terphenyl	*83*		*70 - 130*	*06/10/22 09:20*	*06/11/22 05:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.4**		5.01		mg/Kg			06/10/22 18:38	1

Client Sample ID: CS-19 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-19
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0346**		0.00198		mg/Kg		06/10/22 08:48	06/11/22 02:03	1
Toluene	**0.127**		0.00198		mg/Kg		06/10/22 08:48	06/11/22 02:03	1
Ethylbenzene	**0.0647**		0.00198		mg/Kg		06/10/22 08:48	06/11/22 02:03	1
m-Xylene & p-Xylene	**0.0369**		0.00396		mg/Kg		06/10/22 08:48	06/11/22 02:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:48	06/11/22 02:03	1
Xylenes, Total	**0.0369**		0.00396		mg/Kg		06/10/22 08:48	06/11/22 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*12178*	*S1+*	*70 - 130*	*06/10/22 08:48*	*06/11/22 02:03*	*1*
1,4-Difluorobenzene (Surr)	*183*	*S1+*	*70 - 130*	*06/10/22 08:48*	*06/11/22 02:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.263**		0.00396		mg/Kg			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 05:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 05:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-15717-19
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 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		06/10/22 09:20	06/11/22 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*06/10/22 09:20*	*06/11/22 05:21*	*1*
o-Terphenyl	*84*		*70 - 130*	*06/10/22 09:20*	*06/11/22 05:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.7**		4.99		mg/Kg			06/10/22 18:48	1

Client Sample ID: CS-20 (5')

Lab Sample ID: 880-15717-20
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/11/22 02:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/11/22 02:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/11/22 02:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/22 08:48	06/11/22 02:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:48	06/11/22 02:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/22 08:48	06/11/22 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/10/22 08:48*	*06/11/22 02:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/10/22 08:48*	*06/11/22 02:23*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 *- *1	49.9		mg/Kg		06/10/22 09:20	06/11/22 05:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 05:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:20	06/11/22 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*06/10/22 09:20*	*06/11/22 05:41*	*1*
o-Terphenyl	*94*		*70 - 130*	*06/10/22 09:20*	*06/11/22 05:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		4.95		mg/Kg			06/10/22 18:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-21

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *-	0.00202		mg/Kg		06/10/22 08:59	06/11/22 06:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:59	06/11/22 06:01	1
Ethylbenzene	<0.00202	U *-	0.00202		mg/Kg		06/10/22 08:59	06/11/22 06:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/22 08:59	06/11/22 06:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:59	06/11/22 06:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/22 08:59	06/11/22 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*06/10/22 08:59*	*06/11/22 06:01*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*06/10/22 08:59*	*06/11/22 06:01*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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 F1	49.9		mg/Kg		06/10/22 09:24	06/10/22 21:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/10/22 21:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/10/22 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*06/10/22 09:24*	*06/10/22 21:39*	*1*
o-Terphenyl	*91*		*70 - 130*	*06/10/22 09:24*	*06/10/22 21:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.82**	**F1**	4.98		mg/Kg			06/10/22 19:34	1

Client Sample ID: CS-22 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-22

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *-	0.00201		mg/Kg		06/10/22 08:59	06/11/22 06:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:59	06/11/22 06:22	1
Ethylbenzene	<0.00201	U *-	0.00201		mg/Kg		06/10/22 08:59	06/11/22 06:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/22 08:59	06/11/22 06:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/22 08:59	06/11/22 06:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/22 08:59	06/11/22 06:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*06/10/22 08:59*	*06/11/22 06:22*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/10/22 08:59*	*06/11/22 06:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-22 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-22

Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 22:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 22:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*06/10/22 09:24*	*06/10/22 22:44*	*1*
o-Terphenyl	*78*		*70 - 130*	*06/10/22 09:24*	*06/10/22 22:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.32**		5.00		mg/Kg			06/10/22 19:57	1

Client Sample ID: CS-23 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-23

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *-	0.00199		mg/Kg		06/10/22 08:59	06/11/22 06:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:59	06/11/22 06:42	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		06/10/22 08:59	06/11/22 06:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/22 08:59	06/11/22 06:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/22 08:59	06/11/22 06:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/22 08:59	06/11/22 06:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/10/22 08:59*	*06/11/22 06:42*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*06/10/22 08:59*	*06/11/22 06:42*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 23:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-23
Matrix: Solid

Method: 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		06/10/22 09:24	06/10/22 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*06/10/22 09:24*	*06/10/22 23:06*	*1*
o-Terphenyl	*81*		*70 - 130*	*06/10/22 09:24*	*06/10/22 23:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.09**		5.04		mg/Kg			06/10/22 20:05	1

Client Sample ID: CS-24 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-24
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *-	0.00198		mg/Kg		06/10/22 08:59	06/11/22 07:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:59	06/11/22 07:03	1
Ethylbenzene	<0.00198	U *-	0.00198		mg/Kg		06/10/22 08:59	06/11/22 07:03	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/10/22 08:59	06/11/22 07:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:59	06/11/22 07:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/10/22 08:59	06/11/22 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*06/10/22 08:59*	*06/11/22 07:03*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/10/22 08:59*	*06/11/22 07:03*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/10/22 23:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/10/22 23:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/10/22 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*06/10/22 09:24*	*06/10/22 23:28*	*1*
o-Terphenyl	*79*		*70 - 130*	*06/10/22 09:24*	*06/10/22 23:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.02**		4.99		mg/Kg			06/10/22 20:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-25 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-25
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *-	0.00200		mg/Kg		06/10/22 08:59	06/11/22 07:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 07:23	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		06/10/22 08:59	06/11/22 07:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 08:59	06/11/22 07:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 07:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 08:59	06/11/22 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*06/10/22 08:59*	*06/11/22 07:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/10/22 08:59*	*06/11/22 07:23*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 23:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 23:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*06/10/22 09:24*	*06/10/22 23:50*	*1*
o-Terphenyl	*88*		*70 - 130*	*06/10/22 09:24*	*06/10/22 23:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.05**		5.00		mg/Kg			06/10/22 20:21	1

Client Sample ID: CS-26 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-26
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *-	0.00200		mg/Kg		06/10/22 08:59	06/11/22 07:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 07:43	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		06/10/22 08:59	06/11/22 07:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/22 08:59	06/11/22 07:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 07:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/22 08:59	06/11/22 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*06/10/22 08:59*	*06/11/22 07:43*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/10/22 08:59*	*06/11/22 07:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-26 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-26
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 00:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 00:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*06/10/22 09:24*	*06/11/22 00:12*	*1*
o-Terphenyl	*76*		*70 - 130*	*06/10/22 09:24*	*06/11/22 00:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.3**		5.00		mg/Kg			06/10/22 20:44	1

Client Sample ID: CS-27 (3.5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-27
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *-	0.00198		mg/Kg		06/10/22 08:59	06/11/22 08:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:59	06/11/22 08:04	1
Ethylbenzene	<0.00198	U *-	0.00198		mg/Kg		06/10/22 08:59	06/11/22 08:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/10/22 08:59	06/11/22 08:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 08:59	06/11/22 08:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/10/22 08:59	06/11/22 08:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*06/10/22 08:59*	*06/11/22 08:04*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/10/22 08:59*	*06/11/22 08:04*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 00:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 00:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (3.5')

Lab Sample ID: 880-15717-27
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 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		06/10/22 09:24	06/11/22 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*06/10/22 09:24*	*06/11/22 00:35*	*1*
o-Terphenyl	*84*		*70 - 130*	*06/10/22 09:24*	*06/11/22 00:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.08**		4.97		mg/Kg			06/10/22 20:52	1

Client Sample ID: CS-28 (3.5')

Lab Sample ID: 880-15717-28
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *-	0.00200		mg/Kg		06/10/22 08:59	06/11/22 08:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 08:24	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		06/10/22 08:59	06/11/22 08:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 08:59	06/11/22 08:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 08:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 08:59	06/11/22 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*06/10/22 08:59*	*06/11/22 08:24*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/10/22 08:59*	*06/11/22 08:24*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 00:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 00:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*06/10/22 09:24*	*06/11/22 00:57*	*1*
o-Terphenyl	*86*		*70 - 130*	*06/10/22 09:24*	*06/11/22 00:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.87**		4.96		mg/Kg			06/10/22 21:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-29 (3.5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-29

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *-	0.00200		mg/Kg		06/10/22 08:59	06/11/22 08:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 08:45	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		06/10/22 08:59	06/11/22 08:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/10/22 08:59	06/11/22 08:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 08:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/10/22 08:59	06/11/22 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*06/10/22 08:59*	*06/11/22 08:45*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*06/10/22 08:59*	*06/11/22 08:45*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 01:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 01:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*06/10/22 09:24*	*06/11/22 01:20*	*1*
o-Terphenyl	*73*		*70 - 130*	*06/10/22 09:24*	*06/11/22 01:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.47**		5.04		mg/Kg			06/10/22 21:08	1

Client Sample ID: CS-30 (3.5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-30

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *-	0.00202		mg/Kg		06/10/22 08:59	06/11/22 09:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:59	06/11/22 09:05	1
Ethylbenzene	<0.00202	U *-	0.00202		mg/Kg		06/10/22 08:59	06/11/22 09:05	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/10/22 08:59	06/11/22 09:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/22 08:59	06/11/22 09:05	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/10/22 08:59	06/11/22 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*06/10/22 08:59*	*06/11/22 09:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/10/22 08:59*	*06/11/22 09:05*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-30 (3.5')

Lab Sample ID: 880-15717-30
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 01:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 01:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*69*	*S1-*	*70 - 130*	*06/10/22 09:24*	*06/11/22 01:42*	*1*
o-Terphenyl	*73*		*70 - 130*	*06/10/22 09:24*	*06/11/22 01:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.69**		4.99		mg/Kg			06/10/22 21:16	1

Client Sample ID: CS-31 (3.5')

Lab Sample ID: 880-15717-31
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		06/11/22 18:51	06/12/22 07:01	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		06/11/22 18:51	06/12/22 07:01	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		06/11/22 18:51	06/12/22 07:01	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		06/11/22 18:51	06/12/22 07:01	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		06/11/22 18:51	06/12/22 07:01	1
Xylenes, Total	<0.00401	U F1 F2	0.00401		mg/Kg		06/11/22 18:51	06/12/22 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/11/22 18:51*	*06/12/22 07:01*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/11/22 18:51*	*06/12/22 07:01*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 02:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 02:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (3.5')

Lab Sample ID: 880-15717-31
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*06/10/22 09:24*	*06/11/22 02:27*	*1*
o-Terphenyl	*90*		*70 - 130*	*06/10/22 09:24*	*06/11/22 02:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.79**		5.00		mg/Kg			06/10/22 21:24	1

Client Sample ID: CS-32 (4.5')

Lab Sample ID: 880-15717-32
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 07:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 07:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 07:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/11/22 18:51	06/12/22 07:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 07:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/11/22 18:51	06/12/22 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/11/22 18:51*	*06/12/22 07:22*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*06/11/22 18:51*	*06/12/22 07:22*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 02:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 02:49	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*06/10/22 09:24*	*06/11/22 02:49*	*1*
o-Terphenyl	*84*		*70 - 130*	*06/10/22 09:24*	*06/11/22 02:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.57**		5.00		mg/Kg			06/10/22 21:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-33 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-33

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 07:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 07:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 07:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/11/22 18:51	06/12/22 07:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 07:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/11/22 18:51	06/12/22 07:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/11/22 18:51*	*06/12/22 07:42*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*06/11/22 18:51*	*06/12/22 07:42*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 03:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 03:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*06/10/22 09:24*	*06/11/22 03:11*	*1*
o-Terphenyl	*90*		*70 - 130*	*06/10/22 09:24*	*06/11/22 03:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.3**		4.98		mg/Kg			06/10/22 21:55	1

Client Sample ID: CS-34 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-34

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:51	06/12/22 08:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:51	06/12/22 08:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:51	06/12/22 08:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/11/22 18:51	06/12/22 08:03	1
o-Xylene	**0.00371**		0.00199		mg/Kg		06/11/22 18:51	06/12/22 08:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/11/22 18:51	06/12/22 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*06/11/22 18:51*	*06/12/22 08:03*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*06/11/22 18:51*	*06/12/22 08:03*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-34
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 03:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 03:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*06/10/22 09:24*	*06/11/22 03:33*	*1*
o-Terphenyl	*95*		*70 - 130*	*06/10/22 09:24*	*06/11/22 03:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.19**		4.99		mg/Kg			06/10/22 22:19	1

Client Sample ID: CS-35 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-35
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:51	06/12/22 08:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:51	06/12/22 08:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:51	06/12/22 08:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/11/22 18:51	06/12/22 08:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:51	06/12/22 08:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/11/22 18:51	06/12/22 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/11/22 18:51*	*06/12/22 08:23*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*06/11/22 18:51*	*06/12/22 08:23*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/10/22 09:24	06/11/22 03:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/10/22 09:24	06/11/22 03:55	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-35 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-35
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/10/22 09:24	06/11/22 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*06/10/22 09:24*	*06/11/22 03:55*	*1*
o-Terphenyl	*79*		*70 - 130*	*06/10/22 09:24*	*06/11/22 03:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.1**		5.00		mg/Kg			06/10/22 22:26	1

Client Sample ID: CS-36 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-36
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 08:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 08:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 08:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/11/22 18:51	06/12/22 08:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 08:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/11/22 18:51	06/12/22 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*06/11/22 18:51*	*06/12/22 08:44*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/11/22 18:51*	*06/12/22 08:44*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 04:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 04:17	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*06/10/22 09:24*	*06/11/22 04:17*	*1*
o-Terphenyl	*79*		*70 - 130*	*06/10/22 09:24*	*06/11/22 04:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.23**		4.95		mg/Kg			06/10/22 22:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-37

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 09:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 09:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 09:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/11/22 18:51	06/12/22 09:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 09:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/11/22 18:51	06/12/22 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*06/11/22 18:51*	*06/12/22 09:04*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/11/22 18:51*	*06/12/22 09:04*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 04:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 04:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*06/10/22 09:24*	*06/11/22 04:39*	*1*
o-Terphenyl	*81*		*70 - 130*	*06/10/22 09:24*	*06/11/22 04:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.33**		4.95		mg/Kg			06/10/22 22:42	1

Client Sample ID: CS-38 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-38

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 09:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 09:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 09:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/11/22 18:51	06/12/22 09:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 09:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/11/22 18:51	06/12/22 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/11/22 18:51*	*06/12/22 09:25*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*06/11/22 18:51*	*06/12/22 09:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-38 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-38

Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:24	06/11/22 05:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 05:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:24	06/11/22 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*06/10/22 09:24*	*06/11/22 05:00*	*1*
o-Terphenyl	*81*		*70 - 130*	*06/10/22 09:24*	*06/11/22 05:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.69**		5.00		mg/Kg			06/10/22 22:50	1

Client Sample ID: CS-39 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-39

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 09:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 09:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 09:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/11/22 18:51	06/12/22 09:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:51	06/12/22 09:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/11/22 18:51	06/12/22 09:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/11/22 18:51*	*06/12/22 09:45*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/11/22 18:51*	*06/12/22 09:45*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 05:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 05:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-39 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-39
Matrix: Solid

Method: 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		06/10/22 09:24	06/11/22 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*06/10/22 09:24*	*06/11/22 05:21*	*1*
o-Terphenyl	*95*		*70 - 130*	*06/10/22 09:24*	*06/11/22 05:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.56**		4.96		mg/Kg			06/10/22 22:58	1

Client Sample ID: SW-1 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-40
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 10:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 10:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 10:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/11/22 18:51	06/12/22 10:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 10:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/11/22 18:51	06/12/22 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*06/11/22 18:51*	*06/12/22 10:06*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*06/11/22 18:51*	*06/12/22 10:06*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 05:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 05:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/11/22 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*06/10/22 09:24*	*06/11/22 05:41*	*1*
o-Terphenyl	*88*		*70 - 130*	*06/10/22 09:24*	*06/11/22 05:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.60**		4.95		mg/Kg			06/10/22 23:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (2')

Lab Sample ID: 880-15717-41
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/11/22 21:29	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		06/10/22 09:18	06/11/22 21:29	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		06/10/22 09:18	06/11/22 21:29	1
m-Xylene & p-Xylene	<0.00396	U F1	0.00396		mg/Kg		06/10/22 09:18	06/11/22 21:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/11/22 21:29	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		06/10/22 09:18	06/11/22 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*06/10/22 09:18*	*06/11/22 21:29*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*06/10/22 09:18*	*06/11/22 21:29*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/10/22 21:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/10/22 21:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/10/22 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*06/10/22 09:27*	*06/10/22 21:10*	*1*
o-Terphenyl	*108*		*70 - 130*	*06/10/22 09:27*	*06/10/22 21:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.0**		4.98		mg/Kg			06/11/22 00:08	1

Client Sample ID: SW-3 (4')

Lab Sample ID: 880-15717-42
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 21:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 21:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 21:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/22 09:18	06/11/22 21:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 21:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/22 09:18	06/11/22 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/10/22 09:18*	*06/11/22 21:50*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*06/10/22 09:18*	*06/11/22 21:50*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-42
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 22:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*06/10/22 09:27*	*06/10/22 22:15*	*1*
o-Terphenyl	*117*		*70 - 130*	*06/10/22 09:27*	*06/10/22 22:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.98		4.95		mg/Kg			06/11/22 00:32	1

Client Sample ID: SW-4 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-43
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/11/22 22:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/11/22 22:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/11/22 22:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/10/22 09:18	06/11/22 22:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/11/22 22:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/10/22 09:18	06/11/22 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*06/10/22 09:18*	*06/11/22 22:10*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/10/22 09:18*	*06/11/22 22:10*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 22:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 22:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-15717-43
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*06/10/22 09:27*	*06/10/22 22:37*	*1*
o-Terphenyl	*98*		*70 - 130*	*06/10/22 09:27*	*06/10/22 22:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.7**		4.96		mg/Kg			06/11/22 00:40	1

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-15717-44
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 22:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 22:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 22:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/22 09:18	06/11/22 22:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 22:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/22 09:18	06/11/22 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/10/22 09:18*	*06/11/22 22:31*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*06/10/22 09:18*	*06/11/22 22:31*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/10/22 22:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/10/22 22:59	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/10/22 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*06/10/22 09:27*	*06/10/22 22:59*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/10/22 09:27*	*06/10/22 22:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.95**		5.04		mg/Kg			06/11/22 00:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-45
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/11/22 22:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/11/22 22:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/11/22 22:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/10/22 09:18	06/11/22 22:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/11/22 22:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/10/22 09:18	06/11/22 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/10/22 09:18*	*06/11/22 22:51*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/10/22 09:18*	*06/11/22 22:51*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 23:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 23:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*06/10/22 09:27*	*06/10/22 23:21*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/10/22 09:27*	*06/10/22 23:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.31**		4.99		mg/Kg			06/11/22 00:55	1

Client Sample ID: SW-7 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-46
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/11/22 23:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/11/22 23:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/11/22 23:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/22 09:18	06/11/22 23:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/11/22 23:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/22 09:18	06/11/22 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*06/10/22 09:18*	*06/11/22 23:11*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/10/22 09:18*	*06/11/22 23:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (4')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-46
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/10/22 23:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/10/22 23:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/10/22 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*06/10/22 09:27*	*06/10/22 23:43*	*1*
o-Terphenyl	*93*		*70 - 130*	*06/10/22 09:27*	*06/10/22 23:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.30**		4.98		mg/Kg			06/11/22 01:19	1

Client Sample ID: SW-8 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-47
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/11/22 23:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/11/22 23:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/11/22 23:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/10/22 09:18	06/11/22 23:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/11/22 23:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/10/22 09:18	06/11/22 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*06/10/22 09:18*	*06/11/22 23:32*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*06/10/22 09:18*	*06/11/22 23:32*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 00:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 00:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (5')

Lab Sample ID: 880-15717-47
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 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		06/10/22 09:27	06/11/22 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*06/10/22 09:27*	*06/11/22 00:05*	*1*
o-Terphenyl	*90*		*70 - 130*	*06/10/22 09:27*	*06/11/22 00:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.49**		4.97		mg/Kg			06/11/22 01:27	1

Client Sample ID: SW-9 (5')

Lab Sample ID: 880-15717-48
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 23:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 23:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 23:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/22 09:18	06/11/22 23:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/11/22 23:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/22 09:18	06/11/22 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*06/10/22 09:18*	*06/11/22 23:52*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/10/22 09:18*	*06/11/22 23:52*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 00:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 00:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*06/10/22 09:27*	*06/11/22 00:27*	*1*
o-Terphenyl	*87*		*70 - 130*	*06/10/22 09:27*	*06/11/22 00:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.43**		4.95		mg/Kg			06/11/22 01:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (3.5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-49
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 00:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 00:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 00:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/12/22 00:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 00:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/12/22 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/10/22 09:18*	*06/12/22 00:13*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/10/22 09:18*	*06/12/22 00:13*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 00:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 00:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*06/10/22 09:27*	*06/11/22 00:50*	*1*
o-Terphenyl	*99*		*70 - 130*	*06/10/22 09:27*	*06/11/22 00:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.6**		5.00		mg/Kg			06/11/22 01:43	1

Client Sample ID: SW-11 (3.5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-50
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/12/22 00:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/12/22 00:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/12/22 00:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/22 09:18	06/12/22 00:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/12/22 00:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/22 09:18	06/12/22 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*06/10/22 09:18*	*06/12/22 00:33*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/10/22 09:18*	*06/12/22 00:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (3.5')

Lab Sample ID: 880-15717-50
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 01:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 01:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*06/10/22 09:27*	*06/11/22 01:12*	*1*
o-Terphenyl	*77*		*70 - 130*	*06/10/22 09:27*	*06/11/22 01:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.03**		4.99		mg/Kg			06/11/22 01:50	1

Client Sample ID: SW-12 (2')

Lab Sample ID: 880-15717-51
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/12/22 23:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/12/22 23:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/12/22 23:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/10/22 09:18	06/12/22 23:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/12/22 23:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/10/22 09:18	06/12/22 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*06/10/22 09:18*	*06/12/22 23:18*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/10/22 09:18*	*06/12/22 23:18*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/11/22 01:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/11/22 01:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-12 (2')

Lab Sample ID: 880-15717-51
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 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		06/10/22 09:27	06/11/22 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*06/10/22 09:27*	*06/11/22 01:57*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/10/22 09:27*	*06/11/22 01:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.26**		5.05		mg/Kg			06/11/22 01:58	1

Client Sample ID: SW-13 (2')

Lab Sample ID: 880-15717-52
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 23:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 23:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 23:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/10/22 09:18	06/12/22 23:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 23:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/10/22 09:18	06/12/22 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*06/10/22 09:18*	*06/12/22 23:38*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/10/22 09:18*	*06/12/22 23:38*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 02:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 02:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*06/10/22 09:27*	*06/11/22 02:19*	*1*
o-Terphenyl	*80*		*70 - 130*	*06/10/22 09:27*	*06/11/22 02:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.8**		4.99		mg/Kg			06/11/22 02:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-53
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/12/22 23:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/12/22 23:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/12/22 23:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/22 09:18	06/12/22 23:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/12/22 23:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/22 09:18	06/12/22 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*06/10/22 09:18*	*06/12/22 23:59*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*06/10/22 09:18*	*06/12/22 23:59*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 02:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 02:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*06/10/22 09:27*	*06/11/22 02:41*	*1*
o-Terphenyl	*106*		*70 - 130*	*06/10/22 09:27*	*06/11/22 02:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.39**		5.04		mg/Kg			06/11/22 02:30	1

Client Sample ID: SW-15 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-54
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 00:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 00:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 00:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/22 09:18	06/13/22 00:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 00:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/22 09:18	06/13/22 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*06/10/22 09:18*	*06/13/22 00:19*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/10/22 09:18*	*06/13/22 00:19*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-15717-54
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 03:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 03:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*06/10/22 09:27*	*06/11/22 03:04*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/10/22 09:27*	*06/11/22 03:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.0**		5.05		mg/Kg			06/11/22 02:54	1

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-15717-55
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/13/22 00:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/13/22 00:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/13/22 00:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/10/22 09:18	06/13/22 00:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/10/22 09:18	06/13/22 00:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/10/22 09:18	06/13/22 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*06/10/22 09:18*	*06/13/22 00:40*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/10/22 09:18*	*06/13/22 00:40*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/10/22 09:27	06/11/22 03:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/10/22 09:27	06/11/22 03:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-16 (4.5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-55
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/10/22 09:27	06/11/22 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*06/10/22 09:27*	*06/11/22 03:26*	*1*
o-Terphenyl	*120*		*70 - 130*	*06/10/22 09:27*	*06/11/22 03:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.95**		5.03		mg/Kg			06/11/22 03:01	1

Client Sample ID: SW-17 (3.5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-56
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 01:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 01:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 01:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/13/22 01:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 01:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/13/22 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*06/10/22 09:18*	*06/13/22 01:00*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*06/10/22 09:18*	*06/13/22 01:00*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 03:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 03:48	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*06/10/22 09:27*	*06/11/22 03:48*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/10/22 09:27*	*06/11/22 03:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.0**		4.99		mg/Kg			06/11/22 03:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-57
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 01:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 01:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 01:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/10/22 09:18	06/13/22 01:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/13/22 01:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/10/22 09:18	06/13/22 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*06/10/22 09:18*	*06/13/22 01:21*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*06/10/22 09:18*	*06/13/22 01:21*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/11/22 04:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/11/22 04:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/11/22 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*06/10/22 09:27*	*06/11/22 04:10*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/10/22 09:27*	*06/11/22 04:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.38**		5.00		mg/Kg			06/11/22 03:17	1

Client Sample ID: SW-19 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-58
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/13/22 01:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/13/22 01:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/13/22 01:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/10/22 09:18	06/13/22 01:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/22 09:18	06/13/22 01:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/10/22 09:18	06/13/22 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*06/10/22 09:18*	*06/13/22 01:41*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*06/10/22 09:18*	*06/13/22 01:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-19 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-58
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 04:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 04:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*06/10/22 09:27*	*06/11/22 04:32*	*1*
o-Terphenyl	*116*		*70 - 130*	*06/10/22 09:27*	*06/11/22 04:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.23**		4.99		mg/Kg			06/11/22 03:25	1

Client Sample ID: SW-20 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-59
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/13/22 02:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/13/22 02:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/13/22 02:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/22 09:18	06/13/22 02:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/22 09:18	06/13/22 02:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/22 09:18	06/13/22 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/10/22 09:18*	*06/13/22 02:01*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/10/22 09:18*	*06/13/22 02:01*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 04:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 04:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-20 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-59
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*06/10/22 09:27*	*06/11/22 04:54*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/10/22 09:27*	*06/11/22 04:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.40**		5.03		mg/Kg			06/11/22 03:33	1

Client Sample ID: SW-21 (2')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-60
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/13/22 02:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/13/22 02:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/13/22 02:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/22 09:18	06/13/22 02:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/22 09:18	06/13/22 02:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/22 09:18	06/13/22 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*06/10/22 09:18*	*06/13/22 02:22*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*06/10/22 09:18*	*06/13/22 02:22*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 09:27	06/11/22 05:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 05:15	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 09:27	06/11/22 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*06/10/22 09:27*	*06/11/22 05:15*	*1*
o-Terphenyl	*100*		*70 - 130*	*06/10/22 09:27*	*06/11/22 05:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.36**		5.04		mg/Kg			06/11/22 03:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-22 (2')

Lab Sample ID: 880-15717-61
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			06/13/22 05:25	1
Toluene	<0.00200	U	0.00200		mg/Kg			06/13/22 05:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			06/13/22 05:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			06/13/22 05:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			06/13/22 05:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			06/13/22 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*06/13/22 05:25*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*		*06/13/22 05:25*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 11:13	06/10/22 21:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 11:13	06/10/22 21:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 11:13	06/10/22 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*06/10/22 11:13*	*06/10/22 21:10*	*1*
o-Terphenyl	*129*		*70 - 130*	*06/10/22 11:13*	*06/10/22 21:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.1**		5.04		mg/Kg			06/11/22 01:34	1

Client Sample ID: SW-23 (3')

Lab Sample ID: 880-15717-62
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/11/22 18:59	06/13/22 05:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/11/22 18:59	06/13/22 05:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/11/22 18:59	06/13/22 05:45	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/11/22 18:59	06/13/22 05:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/11/22 18:59	06/13/22 05:45	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/11/22 18:59	06/13/22 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*06/11/22 18:59*	*06/13/22 05:45*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*06/11/22 18:59*	*06/13/22 05:45*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-23 (3')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-62
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 22:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*06/10/22 11:13*	*06/10/22 22:15*	*1*
o-Terphenyl	*106*		*70 - 130*	*06/10/22 11:13*	*06/10/22 22:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.7**		4.97		mg/Kg			06/11/22 02:02	1

Client Sample ID: SW-24 (1')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-63
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 06:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 06:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 06:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/11/22 18:59	06/13/22 06:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 06:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/11/22 18:59	06/13/22 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*06/11/22 18:59*	*06/13/22 06:05*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*06/11/22 18:59*	*06/13/22 06:05*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 22:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 22:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-24 (1')

Lab Sample ID: 880-15717-63
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*06/10/22 11:13*	*06/10/22 22:37*	*1*
o-Terphenyl	*113*		*70 - 130*	*06/10/22 11:13*	*06/10/22 22:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.7**		4.99		mg/Kg			06/11/22 02:11	1

Client Sample ID: SW-25 (1.5')

Lab Sample ID: 880-15717-64
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 06:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 06:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 06:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/11/22 18:59	06/13/22 06:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 06:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/11/22 18:59	06/13/22 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/11/22 18:59*	*06/13/22 06:26*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*06/11/22 18:59*	*06/13/22 06:26*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 11:13	06/10/22 22:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 11:13	06/10/22 22:59	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 11:13	06/10/22 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*06/10/22 11:13*	*06/10/22 22:59*	*1*
o-Terphenyl	*108*		*70 - 130*	*06/10/22 11:13*	*06/10/22 22:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		4.99		mg/Kg			06/11/22 02:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-26 (1')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-65
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 06:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 06:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 06:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/11/22 18:59	06/13/22 06:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 06:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/11/22 18:59	06/13/22 06:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/11/22 18:59*	*06/13/22 06:46*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*06/11/22 18:59*	*06/13/22 06:46*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 23:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 23:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*06/10/22 11:13*	*06/10/22 23:21*	*1*
o-Terphenyl	*97*		*70 - 130*	*06/10/22 11:13*	*06/10/22 23:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.6**		5.03		mg/Kg			06/11/22 02:29	1

Client Sample ID: SW-27 (1')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-66
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 07:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 07:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 07:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/11/22 18:59	06/13/22 07:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 07:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/11/22 18:59	06/13/22 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*06/11/22 18:59*	*06/13/22 07:07*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/11/22 18:59*	*06/13/22 07:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-27 (1')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-66
Matrix: Solid

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

Method: 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		06/10/22 11:13	06/10/22 23:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 11:13	06/10/22 23:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 11:13	06/10/22 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*06/10/22 11:13*	*06/10/22 23:43*	*1*
o-Terphenyl	*107*		*70 - 130*	*06/10/22 11:13*	*06/10/22 23:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.0**		5.02		mg/Kg			06/11/22 02:57	1

Client Sample ID: SW-28 (2.5')

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-67
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 07:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 07:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 07:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 07:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 07:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*06/11/22 18:59*	*06/13/22 07:27*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/11/22 18:59*	*06/13/22 07:27*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 00:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 00:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-28 (2.5')

Lab Sample ID: 880-15717-67
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*06/10/22 11:13*	*06/11/22 00:05*	*1*
o-Terphenyl	*97*		*70 - 130*	*06/10/22 11:13*	*06/11/22 00:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		5.00		mg/Kg			06/11/22 03:06	1

Client Sample ID: SW-29 (1.5')

Lab Sample ID: 880-15717-68
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 07:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 07:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 07:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 07:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 07:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/11/22 18:59*	*06/13/22 07:48*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*06/11/22 18:59*	*06/13/22 07:48*	*1*

Method: 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			06/13/22 11:57	1

Method: 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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 00:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 00:27	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*06/10/22 11:13*	*06/11/22 00:27*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/10/22 11:13*	*06/11/22 00:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.83**		5.00		mg/Kg			06/11/22 03:15	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-15717-1	CS-1 (2')	110	100
880-15717-1 MS	CS-1 (2')	242 S1+	227 S1+
880-15717-1 MSD	CS-1 (2')	108	101
880-15717-2	CS-2 (2')	110	100
880-15717-3	CS-3 (2')	105	96
880-15717-4	CS-4 (2')	113	95
880-15717-5	CS-5 (2')	4717 S1+	168 S1+
880-15717-6	CS-6 (2')	107	99
880-15717-7	CS-7 (2')	116	97
880-15717-8	CS-8 (4')	111	100
880-15717-9	CS-9 (4')	108	99
880-15717-10	CS-10 (4')	115	101
880-15717-11	CS-11 (4')	106	99
880-15717-12	CS-12 (4')	106	97
880-15717-13	CS-13 (4')	95	92
880-15717-14	CS-14 (4')	110	96
880-15717-15	CS-15 (4')	6346 S1+	6091 S1+
880-15717-16	CS-16 (4')	110	101
880-15717-17	CS-17 (4')	106	100
880-15717-18	CS-18 (4')	114	101
880-15717-19	CS-19 (4')	12178 S1+	183 S1+
880-15717-20	CS-20 (5')	110	94
880-15717-21	CS-21 (5')	113	93
880-15717-21 MS	CS-21 (5')	107	101
880-15717-21 MSD	CS-21 (5')	106	99
880-15717-22	CS-22 (5')	105	94
880-15717-23	CS-23 (5')	107	90
880-15717-24	CS-24 (5')	108	99
880-15717-25	CS-25 (5')	108	94
880-15717-26	CS-26 (5')	113	96
880-15717-27	CS-27 (3.5')	109	94
880-15717-28	CS-28 (3.5')	113	94
880-15717-29	CS-29 (3.5')	112	98
880-15717-30	CS-30 (3.5')	114	99
880-15717-31	CS-31 (3.5')	106	96
880-15717-31 MS	CS-31 (3.5')	111	97
880-15717-31 MSD	CS-31 (3.5')	116	98
880-15717-32	CS-32 (4.5')	106	93
880-15717-33	CS-33 (2')	107	95
880-15717-34	CS-34 (2')	87	109
880-15717-35	CS-35 (2')	110	97
880-15717-36	CS-36 (2')	112	96
880-15717-37	CS-37 (2')	105	94
880-15717-38	CS-38 (2')	110	93
880-15717-39	CS-39 (2')	107	96
880-15717-40	SW-1 (2')	108	93
880-15717-41	SW-2 (2')	103	100
880-15717-41 MS	SW-2 (2')	103	100
880-15717-41 MS	SW-2 (2')	86	90

Surrogate Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
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)
880-15717-41 MSD	SW-2 (2')	104	96
880-15717-41 MSD	SW-2 (2')	114	92
880-15717-42	SW-3 (4')	106	103
880-15717-43	SW-4 (4')	103	101
880-15717-44	SW-5 (4')	107	98
880-15717-45	SW-6 (4')	107	94
880-15717-46	SW-7 (4')	105	96
880-15717-47	SW-8 (5')	111	93
880-15717-48	SW-9 (5')	112	94
880-15717-49	SW-10 (3.5')	106	96
880-15717-50	SW-11 (3.5')	105	96
880-15717-51	SW-12 (2')	109	94
880-15717-52	SW-13 (2')	108	91
880-15717-53	SW-14 (2')	101	90
880-15717-54	SW-15 (2')	108	91
880-15717-55	SW-16 (4.5')	111	91
880-15717-56	SW-17 (3.5')	111	92
880-15717-57	SW-18 (5')	105	84
880-15717-58	SW-19 (2')	99	87
880-15717-59	SW-20 (2')	107	91
880-15717-60	SW-21 (2')	105	90
880-15717-61	SW-22 (2')	103	94
880-15717-61 MS	SW-22 (2')	113	101
880-15717-61 MSD	SW-22 (2')	106	99
880-15717-62	SW-23 (3')	112	95
880-15717-63	SW-24 (1')	95	86
880-15717-64	SW-25 (1.5')	110	95
880-15717-65	SW-26 (1')	107	93
880-15717-66	SW-27 (1')	109	94
880-15717-67	SW-28 (2.5')	111	94
880-15717-68	SW-29 (1.5')	107	93
LCS 880-27253/1-A	Lab Control Sample	108	104
LCS 880-27254/1-A	Lab Control Sample	107	98
LCS 880-27255/1-A	Lab Control Sample	98	100
LCS 880-27255/1-A	Lab Control Sample	104	98
LCS 880-27338/1-A	Lab Control Sample	107	91
LCS 880-27339/1-A	Lab Control Sample	109	99
LCSD 880-27253/2-A	Lab Control Sample Dup	103	101
LCSD 880-27254/2-A	Lab Control Sample Dup	109	101
LCSD 880-27255/2-A	Lab Control Sample Dup	110	96
LCSD 880-27255/2-A	Lab Control Sample Dup	104	100
LCSD 880-27338/2-A	Lab Control Sample Dup	107	100
LCSD 880-27339/2-A	Lab Control Sample Dup	108	99
MB 880-27253/5-A	Method Blank	99	97
MB 880-27254/5-A	Method Blank	102	91
MB 880-27255/5-A	Method Blank	97	97
MB 880-27255/5-A	Method Blank	100	90
MB 880-27305/5-A	Method Blank	95	91
MB 880-27338/5-A	Method Blank	106	91
MB 880-27339/5-A	Method Blank	99	88

Surrogate Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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)
880-15717-1	CS-1 (2')	89	94
880-15717-1 MS	CS-1 (2')	98	91
880-15717-1 MSD	CS-1 (2')	94	86
880-15717-2	CS-2 (2')	81	84
880-15717-3	CS-3 (2')	82	87
880-15717-4	CS-4 (2')	98	105
880-15717-5	CS-5 (2')	98	104
880-15717-6	CS-6 (2')	100	105
880-15717-7	CS-7 (2')	93	97
880-15717-8	CS-8 (4')	78	83
880-15717-9	CS-9 (4')	82	85
880-15717-10	CS-10 (4')	86	90
880-15717-11	CS-11 (4')	103	108
880-15717-12	CS-12 (4')	93	101
880-15717-13	CS-13 (4')	80	85
880-15717-14	CS-14 (4')	91	96
880-15717-15	CS-15 (4')	98	107
880-15717-16	CS-16 (4')	98	104
880-15717-17	CS-17 (4')	81	84
880-15717-18	CS-18 (4')	78	83
880-15717-19	CS-19 (4')	81	84
880-15717-20	CS-20 (5')	86	94
880-15717-21	CS-21 (5')	84	91
880-15717-21 MS	CS-21 (5')	81	76
880-15717-21 MSD	CS-21 (5')	81	75
880-15717-22	CS-22 (5')	74	78
880-15717-23	CS-23 (5')	75	81
880-15717-24	CS-24 (5')	73	79
880-15717-25	CS-25 (5')	83	88
880-15717-26	CS-26 (5')	72	76
880-15717-27	CS-27 (3.5')	80	84
880-15717-28	CS-28 (3.5')	78	86
880-15717-29	CS-29 (3.5')	71	73
880-15717-30	CS-30 (3.5')	69 S1-	73
880-15717-31	CS-31 (3.5')	85	90
880-15717-32	CS-32 (4.5')	78	84
880-15717-33	CS-33 (2')	84	90
880-15717-34	CS-34 (2')	90	95
880-15717-35	CS-35 (2')	73	79
880-15717-36	CS-36 (2')	74	79
880-15717-37	CS-37 (2')	76	81
880-15717-38	CS-38 (2')	77	81
880-15717-39	CS-39 (2')	93	95
880-15717-40	SW-1 (2')	82	88
880-15717-41	SW-2 (2')	104	108
880-15717-41 MS	SW-2 (2')	87	81

Surrogate Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
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)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-15717-41 MSD	SW-2 (2')	100	94
880-15717-42	SW-3 (4')	114	117
880-15717-43	SW-4 (4')	94	98
880-15717-44	SW-5 (4')	97	102
880-15717-45	SW-6 (4')	97	101
880-15717-46	SW-7 (4')	89	93
880-15717-47	SW-8 (5')	90	90
880-15717-48	SW-9 (5')	88	87
880-15717-49	SW-10 (3.5')	98	99
880-15717-50	SW-11 (3.5')	80	77
880-15717-51	SW-12 (2')	95	101
880-15717-52	SW-13 (2')	80	80
880-15717-53	SW-14 (2')	104	106
880-15717-54	SW-15 (2')	96	102
880-15717-55	SW-16 (4.5')	114	120
880-15717-56	SW-17 (3.5')	99	104
880-15717-57	SW-18 (5')	102	104
880-15717-58	SW-19 (2')	115	116
880-15717-59	SW-20 (2')	103	104
880-15717-60	SW-21 (2')	100	100
880-15717-61	SW-22 (2')	117	129
880-15717-61 MS	SW-22 (2')	87	86
880-15717-61 MSD	SW-22 (2')	87	88
880-15717-62	SW-23 (3')	98	106
880-15717-63	SW-24 (1')	104	113
880-15717-64	SW-25 (1.5')	99	108
880-15717-65	SW-26 (1')	90	97
880-15717-66	SW-27 (1')	101	107
880-15717-67	SW-28 (2.5')	89	97
880-15717-68	SW-29 (1.5')	95	104
LCS 880-27256/2-A	Lab Control Sample	95	95
LCS 880-27257/2-A	Lab Control Sample	91	85
LCS 880-27258/2-A	Lab Control Sample	120	122
LCS 880-27293/2-A	Lab Control Sample	100	108
LCSD 880-27256/3-A	Lab Control Sample Dup	82	81
LCSD 880-27257/3-A	Lab Control Sample Dup	103	97
LCSD 880-27258/3-A	Lab Control Sample Dup	137 S1+	139 S1+
LCSD 880-27293/3-A	Lab Control Sample Dup	100	111
MB 880-27256/1-A	Method Blank	90	98
MB 880-27257/1-A	Method Blank	76	82
MB 880-27258/1-A	Method Blank	92	101
MB 880-27293/1-A	Method Blank	93	102

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27253/5-A
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27253

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 17:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 17:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 17:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 08:48	06/10/22 17:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:48	06/10/22 17:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 08:48	06/10/22 17:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*06/10/22 08:48*	*06/10/22 17:55*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*06/10/22 08:48*	*06/10/22 17:55*	*1*

Lab Sample ID: LCS 880-27253/1-A
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27253

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09560		mg/Kg		96	70 - 130
Toluene	0.100	0.09401		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.08918		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.2028		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-27253/2-A
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27253

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	5	35
Toluene	0.100	0.09862		mg/Kg		99	70 - 130	5	35
Ethylbenzene	0.100	0.09356		mg/Kg		94	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2129		mg/Kg		106	70 - 130	5	35
o-Xylene	0.100	0.1049		mg/Kg		105	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-15717-1 MS
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: CS-1 (2')
Prep Type: Total/NA
Prep Batch: 27253

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1 F2	0.101	0.1718	F1	mg/Kg		170	70 - 130
Toluene	<0.00199	U F1 F2	0.101	0.1792	F1	mg/Kg		177	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15717-1 MS
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: CS-1 (2')
Prep Type: Total/NA
Prep Batch: 27253

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U F1 F2	0.101	0.1672	F1	mg/Kg		166	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.202	0.3834	F1	mg/Kg		190	70 - 130
o-Xylene	<0.00199	U F1 F2	0.101	0.1941	F1	mg/Kg		192	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*242*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*227*	*S1+*	*70 - 130*

Lab Sample ID: 880-15717-1 MSD
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: CS-1 (2')
Prep Type: Total/NA
Prep Batch: 27253

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.101	0.07694	F2	mg/Kg		76	70 - 130	76	35
Toluene	<0.00199	U F1 F2	0.101	0.07816	F2	mg/Kg		78	70 - 130	79	35
Ethylbenzene	<0.00199	U F1 F2	0.101	0.07337	F2	mg/Kg		73	70 - 130	78	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.201	0.1662	F2	mg/Kg		83	70 - 130	79	35
o-Xylene	<0.00199	U F1 F2	0.101	0.08507	F2	mg/Kg		85	70 - 130	78	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-27254/5-A
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27254

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 05:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 05:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 05:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 08:59	06/11/22 05:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 08:59	06/11/22 05:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 08:59	06/11/22 05:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*06/10/22 08:59*	*06/11/22 05:33*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/10/22 08:59*	*06/11/22 05:33*	*1*

Lab Sample ID: LCS 880-27254/1-A
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27254

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.06805	*-	mg/Kg		68	70 - 130
Toluene	0.100	0.07149		mg/Kg		71	70 - 130
Ethylbenzene	0.100	0.06967		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	0.200	0.1600		mg/Kg		80	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-27254/1-A
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27254

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.08355		mg/Kg		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-27254/2-A
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27254

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.06911	*-	mg/Kg		69	70 - 130	2	35
Toluene			0.100	0.07255		mg/Kg		73	70 - 130	1	35
Ethylbenzene			0.100	0.06842	*-	mg/Kg		68	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1566		mg/Kg		78	70 - 130	2	35
o-Xylene			0.100	0.08200		mg/Kg		82	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-15717-21 MS
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 27254

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U *-	0.0996	0.08852		mg/Kg		89	70 - 130		
Toluene	<0.00202	U	0.0996	0.08362		mg/Kg		84	70 - 130		
Ethylbenzene	<0.00202	U *-	0.0996	0.07783		mg/Kg		78	70 - 130		
m-Xylene & p-Xylene	<0.00404	U	0.199	0.1757		mg/Kg		88	70 - 130		
o-Xylene	<0.00202	U	0.0996	0.09170		mg/Kg		92	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-15717-21 MSD
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 27254

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U *-	0.0994	0.08573		mg/Kg		86	70 - 130	3	35
Toluene	<0.00202	U	0.0994	0.08231		mg/Kg		83	70 - 130	2	35
Ethylbenzene	<0.00202	U *-	0.0994	0.07660		mg/Kg		77	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U	0.199	0.1731		mg/Kg		87	70 - 130	1	35
o-Xylene	<0.00202	U	0.0994	0.09009		mg/Kg		91	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15717-21 MSD
Matrix: Solid
Analysis Batch: 27289

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 27254

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-27255/5-A
Matrix: Solid
Analysis Batch: 27337

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/11/22 21:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/11/22 21:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/11/22 21:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/11/22 21:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/11/22 21:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/11/22 21:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*06/10/22 09:18*	*06/11/22 21:00*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*06/10/22 09:18*	*06/11/22 21:00*	*1*

Lab Sample ID: MB 880-27255/5-A
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/12/22 18:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*06/10/22 09:18*	*06/12/22 18:29*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*06/10/22 09:18*	*06/12/22 18:29*	*1*

Lab Sample ID: LCS 880-27255/1-A
Matrix: Solid
Analysis Batch: 27337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08229		mg/Kg		82	70 - 130
Toluene	0.100	0.08997		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08387		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1907		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09485		mg/Kg		95	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-27255/1-A
Matrix: Solid
Analysis Batch: 27337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27255

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCS 880-27255/1-A
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27255

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1036		mg/Kg		104	70 - 130		
Toluene			0.100	0.1025		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1082		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene			0.200	0.2198		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1100		mg/Kg		110	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-27255/2-A
Matrix: Solid
Analysis Batch: 27337

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27255

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08374		mg/Kg		84	70 - 130	2	35
Toluene			0.100	0.09544		mg/Kg		95	70 - 130	6	35
Ethylbenzene			0.100	0.09230		mg/Kg		92	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2135		mg/Kg		107	70 - 130	11	35
o-Xylene			0.100	0.1054		mg/Kg		105	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-27255/2-A
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27255

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1021		mg/Kg		102	70 - 130	1	35
Toluene			0.100	0.09856		mg/Kg		99	70 - 130	4	35
Ethylbenzene			0.100	0.1049		mg/Kg		105	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.2134		mg/Kg		107	70 - 130	3	35
o-Xylene			0.100	0.1069		mg/Kg		107	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15717-41 MS — **Client Sample ID: SW-2 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27337 — **Prep Batch: 27255**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.100	0.08108		mg/Kg		81	70 - 130
Toluene	<0.00198	U F1	0.100	0.07740		mg/Kg		77	70 - 130
Ethylbenzene	<0.00198	U F1	0.100	0.06797	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1	0.200	0.1545		mg/Kg		77	70 - 130
o-Xylene	<0.00198	U	0.100	0.07816		mg/Kg		78	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-15717-41 MS — **Client Sample ID: SW-2 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27350 — **Prep Batch: 27255**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U F1	0.100	0.06694	F1	mg/Kg		67	70 - 130
Toluene	<0.00198	U F1	0.100	0.06513	F1	mg/Kg		65	70 - 130
Ethylbenzene	<0.00198	U F1	0.100	0.06277	F1	mg/Kg		63	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1	0.200	0.1223	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00198	U F1	0.100	0.06032	F1	mg/Kg		60	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: 880-15717-41 MSD — **Client Sample ID: SW-2 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27337 — **Prep Batch: 27255**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.07191		mg/Kg		71	70 - 130	12	35
Toluene	<0.00198	U F1	0.101	0.06851	F1	mg/Kg		68	70 - 130	12	35
Ethylbenzene	<0.00198	U F1	0.101	0.06045	F1	mg/Kg		60	70 - 130	12	35
m-Xylene & p-Xylene	<0.00396	U F1	0.201	0.1364	F1	mg/Kg		68	70 - 130	12	35
o-Xylene	<0.00198	U	0.101	0.07003		mg/Kg		70	70 - 130	11	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-15717-41 MSD — **Client Sample ID: SW-2 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27350 — **Prep Batch: 27255**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.101	0.07268		mg/Kg		72	70 - 130	8	35
Toluene	<0.00198	U F1	0.101	0.07430		mg/Kg		74	70 - 130	13	35
Ethylbenzene	<0.00198	U F1	0.101	0.07590		mg/Kg		75	70 - 130	19	35

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15717-41 MSD
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: SW-2 (2')
Prep Type: Total/NA
Prep Batch: 27255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00396	U F1	0.201	0.1580		mg/Kg		79	70 - 130	25	35
o-Xylene	<0.00198	U F1	0.101	0.08032		mg/Kg		80	70 - 130	28	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-27305/5-A
Matrix: Solid
Analysis Batch: 27335

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27305

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 12:43	06/11/22 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 12:43	06/11/22 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 12:43	06/11/22 20:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 12:43	06/11/22 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 12:43	06/11/22 20:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 12:43	06/11/22 20:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*06/10/22 12:43*	*06/11/22 20:07*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/10/22 12:43*	*06/11/22 20:07*	*1*

Lab Sample ID: MB 880-27338/5-A
Matrix: Solid
Analysis Batch: 27335

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27338

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 06:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 06:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 06:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/11/22 18:51	06/12/22 06:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:51	06/12/22 06:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/11/22 18:51	06/12/22 06:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/11/22 18:51*	*06/12/22 06:40*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/11/22 18:51*	*06/12/22 06:40*	*1*

Lab Sample ID: LCS 880-27338/1-A
Matrix: Solid
Analysis Batch: 27335

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1026		mg/Kg		103	70 - 130
Toluene	0.100	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1121		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2186		mg/Kg		109	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-27338/1-A
Matrix: Solid
Analysis Batch: 27335

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27338

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1120		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-27338/2-A
Matrix: Solid
Analysis Batch: 27335

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27338

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09931		mg/Kg		99	70 - 130	3	35
Toluene			0.100	0.09783		mg/Kg		98	70 - 130	4	35
Ethylbenzene			0.100	0.1007		mg/Kg		101	70 - 130	11	35
m-Xylene & p-Xylene			0.200	0.2035		mg/Kg		102	70 - 130	7	35
o-Xylene			0.100	0.1039		mg/Kg		104	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-15717-31 MS
Matrix: Solid
Analysis Batch: 27335

Client Sample ID: CS-31 (3.5')
Prep Type: Total/NA
Prep Batch: 27338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0.9	70 - 130		
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		1	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		2	70 - 130		
m-Xylene & p-Xylene	<0.00401	U F1	0.200	<0.00401	U F1	mg/Kg		2	70 - 130		
o-Xylene	<0.00200	U F1 F2	0.100	0.002022	F1	mg/Kg		2	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-15717-31 MSD
Matrix: Solid
Analysis Batch: 27335

Client Sample ID: CS-31 (3.5')
Prep Type: Total/NA
Prep Batch: 27338

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	<0.00199	U F1	mg/Kg		1	70 - 130	29	35
Toluene	<0.00200	U F1	0.0996	<0.00199	U F1	mg/Kg		1	70 - 130	19	35
Ethylbenzene	<0.00200	U F1	0.0996	0.002048	F1	mg/Kg		2	70 - 130	28	35
m-Xylene & p-Xylene	<0.00401	U F1	0.199	0.005194	F1	mg/Kg		3	70 - 130	27	35
o-Xylene	<0.00200	U F1 F2	0.0996	0.002917	F1 F2	mg/Kg		3	70 - 130	36	35

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15717-31 MSD
Matrix: Solid
Analysis Batch: 27335

Client Sample ID: CS-31 (3.5')
Prep Type: Total/NA
Prep Batch: 27338

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-27339/5-A
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/11/22 18:59	06/13/22 05:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/11/22 18:59	06/13/22 05:03	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/11/22 18:59	06/13/22 05:03	1

Lab Sample ID: LCS 880-27339/1-A
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09833		mg/Kg		98	70 - 130
Toluene	0.100	0.09876		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1038		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2130		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-27339/2-A
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27339

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09303		mg/Kg		93	70 - 130	6	35
Toluene	0.100	0.09280		mg/Kg		93	70 - 130	6	35
Ethylbenzene	0.100	0.09968		mg/Kg		100	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2033		mg/Kg		102	70 - 130	5	35
o-Xylene	0.100	0.1035		mg/Kg		103	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-27339/2-A
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27339

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-15717-61 MS
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: SW-22 (2')
Prep Type: Total/NA
Prep Batch: 27339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09620		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.0998	0.09727		mg/Kg		97	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1033		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2124		mg/Kg		106	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1087		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-15717-61 MSD
Matrix: Solid
Analysis Batch: 27350

Client Sample ID: SW-22 (2')
Prep Type: Total/NA
Prep Batch: 27339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.08820		mg/Kg		89	70 - 130	9	35
Toluene	<0.00200	U	0.0994	0.08699		mg/Kg		88	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.0994	0.08973		mg/Kg		90	70 - 130	14	35
m-Xylene & p-Xylene	<0.00400	U	0.199	0.1794		mg/Kg		90	70 - 130	17	35
o-Xylene	<0.00200	U	0.0994	0.09254		mg/Kg		93	70 - 130	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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

Lab Sample ID: MB 880-27256/1-A
Matrix: Solid
Analysis Batch: 27246

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27256

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/10/22 20:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/10/22 20:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:20	06/10/22 20:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	06/10/22 09:20	06/10/22 20:34	1
o-Terphenyl	98		70 - 130	06/10/22 09:20	06/10/22 20:34	1

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-27256/2-A
Matrix: Solid
Analysis Batch: 27246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27256

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	912.1		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	957.4		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: LCSD 880-27256/3-A
Matrix: Solid
Analysis Batch: 27246

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27256

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	685.4	*- *1	mg/Kg		69	70 - 130	28	20
Diesel Range Organics (Over C10-C28)			1000	812.2		mg/Kg		81	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*82*		*70 - 130*
o-Terphenyl	*81*		*70 - 130*

Lab Sample ID: 880-15717-1 MS
Matrix: Solid
Analysis Batch: 27246

Client Sample ID: CS-1 (2')
Prep Type: Total/NA
Prep Batch: 27256

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 *- *1	997	1094		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	854.3		mg/Kg		86	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Lab Sample ID: 880-15717-1 MSD
Matrix: Solid
Analysis Batch: 27246

Client Sample ID: CS-1 (2')
Prep Type: Total/NA
Prep Batch: 27256

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 *- *1	1000	1137		mg/Kg		112	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	805.8		mg/Kg		81	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15717-1 MSD
Matrix: Solid
Analysis Batch: 27246

Client Sample ID: CS-1 (2')
Prep Type: Total/NA
Prep Batch: 27256

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	86		70 - 130

Lab Sample ID: MB 880-27257/1-A
Matrix: Solid
Analysis Batch: 27244

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27257

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 20:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 20:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:24	06/10/22 20:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	06/10/22 09:24	06/10/22 20:34	1
o-Terphenyl	82		70 - 130	06/10/22 09:24	06/10/22 20:34	1

Lab Sample ID: LCS 880-27257/2-A
Matrix: Solid
Analysis Batch: 27244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27257

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	889.3		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1064		mg/Kg		106	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: LCSD 880-27257/3-A
Matrix: Solid
Analysis Batch: 27244

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27257

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1027		mg/Kg		103	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	1135		mg/Kg		113	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	97		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15717-21 MS — **Client Sample ID: CS-21 (5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27244 — **Prep Batch: 27257**

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 F1	997	670.0	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	762.9		mg/Kg		74	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Lab Sample ID: 880-15717-21 MSD — **Client Sample ID: CS-21 (5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27244 — **Prep Batch: 27257**

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 F1	1000	673.4	F1	mg/Kg		67	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	767.0		mg/Kg		74	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: MB 880-27258/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27239 — **Prep Batch: 27258**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 20:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 20:04	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 09:27	06/10/22 20:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*06/10/22 09:27*	*06/10/22 20:04*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/10/22 09:27*	*06/10/22 20:04*	*1*

Lab Sample ID: LCS 880-27258/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27239 — **Prep Batch: 27258**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	968.1		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	940.1		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-27258/2-A
Matrix: Solid
Analysis Batch: 27239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27258

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	122		70 - 130

Lab Sample ID: LCSD 880-27258/3-A
Matrix: Solid
Analysis Batch: 27239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27258

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1019		mg/Kg		102	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1064		mg/Kg		106	70 - 130	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	139	S1+	70 - 130

Lab Sample ID: 880-15717-41 MS
Matrix: Solid
Analysis Batch: 27239

Client Sample ID: SW-2 (2')
Prep Type: Total/NA
Prep Batch: 27258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	999.8		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	834.4		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 880-15717-41 MSD
Matrix: Solid
Analysis Batch: 27239

Client Sample ID: SW-2 (2')
Prep Type: Total/NA
Prep Batch: 27258

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	1000	1086		mg/Kg		106	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	976.9		mg/Kg		98	70 - 130	16	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	94		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-27293/1-A
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 20:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 20:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 20:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*06/10/22 11:13*	*06/10/22 20:04*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/10/22 11:13*	*06/10/22 20:04*	*1*

Lab Sample ID: LCS 880-27293/2-A
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1158		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	1000	866.5		mg/Kg		87	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: LCSD 880-27293/3-A
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27293

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1167		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	881.5		mg/Kg		88	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: 880-15717-61 MS
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: SW-22 (2')
Prep Type: Total/NA
Prep Batch: 27293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1068		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	982.9		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-15717-61 MS
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: SW-22 (2')
Prep Type: Total/NA
Prep Batch: 27293

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-15717-61 MSD
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: SW-22 (2')
Prep Type: Total/NA
Prep Batch: 27293

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	1000	1067		mg/Kg		105	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1023		mg/Kg		102	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	88		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27296/1-A
Matrix: Solid
Analysis Batch: 27309

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			06/10/22 14:20	1

Lab Sample ID: LCS 880-27296/2-A
Matrix: Solid
Analysis Batch: 27309

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-27296/3-A
Matrix: Solid
Analysis Batch: 27309

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	253.0		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-15717-1 MS
Matrix: Solid
Analysis Batch: 27309

Client Sample ID: CS-1 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.5		249	244.3		mg/Kg		94	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-15717-1 MSD — **Client Sample ID: CS-1 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.5		249	242.7		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 880-15717-11 MS — **Client Sample ID: CS-11 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.9		248	239.4		mg/Kg		92	90 - 110

Lab Sample ID: 880-15717-11 MSD — **Client Sample ID: CS-11 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.9		248	239.5		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-27297/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27317

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/10/22 19:10	1

Lab Sample ID: LCS 880-27297/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27317

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.1		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-27297/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27317

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	237.4		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-15717-21 MS — **Client Sample ID: CS-21 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.82	F1	249	231.1	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-15717-21 MSD — **Client Sample ID: CS-21 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.82	F1	249	232.6	F1	mg/Kg		89	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-15717-31 MS
Matrix: Solid
Analysis Batch: 27317

Client Sample ID: CS-31 (3.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.79		250	232.0		mg/Kg		90	90 - 110

Lab Sample ID: 880-15717-31 MSD
Matrix: Solid
Analysis Batch: 27317

Client Sample ID: CS-31 (3.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.79		250	233.2		mg/Kg		90	90 - 110	1	20

Lab Sample ID: MB 880-27298/1-A
Matrix: Solid
Analysis Batch: 27322

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			06/10/22 23:45	1

Lab Sample ID: LCS 880-27298/2-A
Matrix: Solid
Analysis Batch: 27322

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-27298/3-A
Matrix: Solid
Analysis Batch: 27322

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	243.3		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-15717-41 MS
Matrix: Solid
Analysis Batch: 27322

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.0		249	239.1		mg/Kg		90	90 - 110

Lab Sample ID: 880-15717-41 MSD
Matrix: Solid
Analysis Batch: 27322

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.0		249	240.4		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-15717-51 MS
Matrix: Solid
Analysis Batch: 27322

Client Sample ID: SW-12 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8.26		253	242.1		mg/Kg		93	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-15717-51 MSD — **Client Sample ID: SW-12 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8.26		253	242.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-27300/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27324

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/11/22 01:06	1

Lab Sample ID: LCS 880-27300/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-27300/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27324

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.3		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-15717-61 MS — **Client Sample ID: SW-22 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27324

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.1		252	253.1		mg/Kg		96	90 - 110

Lab Sample ID: 880-15717-61 MSD — **Client Sample ID: SW-22 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27324

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.1		252	257.4		mg/Kg		97	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 27253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-1	CS-1 (2')	Total/NA	Solid	5035	
880-15717-2	CS-2 (2')	Total/NA	Solid	5035	
880-15717-3	CS-3 (2')	Total/NA	Solid	5035	
880-15717-4	CS-4 (2')	Total/NA	Solid	5035	
880-15717-5	CS-5 (2')	Total/NA	Solid	5035	
880-15717-6	CS-6 (2')	Total/NA	Solid	5035	
880-15717-7	CS-7 (2')	Total/NA	Solid	5035	
880-15717-8	CS-8 (4')	Total/NA	Solid	5035	
880-15717-9	CS-9 (4')	Total/NA	Solid	5035	
880-15717-10	CS-10 (4')	Total/NA	Solid	5035	
880-15717-11	CS-11 (4')	Total/NA	Solid	5035	
880-15717-12	CS-12 (4')	Total/NA	Solid	5035	
880-15717-13	CS-13 (4')	Total/NA	Solid	5035	
880-15717-14	CS-14 (4')	Total/NA	Solid	5035	
880-15717-15	CS-15 (4')	Total/NA	Solid	5035	
880-15717-16	CS-16 (4')	Total/NA	Solid	5035	
880-15717-17	CS-17 (4')	Total/NA	Solid	5035	
880-15717-18	CS-18 (4')	Total/NA	Solid	5035	
880-15717-19	CS-19 (4')	Total/NA	Solid	5035	
880-15717-20	CS-20 (5')	Total/NA	Solid	5035	
MB 880-27253/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27253/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27253/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15717-1 MS	CS-1 (2')	Total/NA	Solid	5035	
880-15717-1 MSD	CS-1 (2')	Total/NA	Solid	5035	

Prep Batch: 27254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-21	CS-21 (5')	Total/NA	Solid	5035	
880-15717-22	CS-22 (5')	Total/NA	Solid	5035	
880-15717-23	CS-23 (5')	Total/NA	Solid	5035	
880-15717-24	CS-24 (5')	Total/NA	Solid	5035	
880-15717-25	CS-25 (5')	Total/NA	Solid	5035	
880-15717-26	CS-26 (5')	Total/NA	Solid	5035	
880-15717-27	CS-27 (3.5')	Total/NA	Solid	5035	
880-15717-28	CS-28 (3.5')	Total/NA	Solid	5035	
880-15717-29	CS-29 (3.5')	Total/NA	Solid	5035	
880-15717-30	CS-30 (3.5')	Total/NA	Solid	5035	
MB 880-27254/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27254/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27254/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15717-21 MS	CS-21 (5')	Total/NA	Solid	5035	
880-15717-21 MSD	CS-21 (5')	Total/NA	Solid	5035	

Prep Batch: 27255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-41	SW-2 (2')	Total/NA	Solid	5035	
880-15717-42	SW-3 (4')	Total/NA	Solid	5035	
880-15717-43	SW-4 (4')	Total/NA	Solid	5035	
880-15717-44	SW-5 (4')	Total/NA	Solid	5035	
880-15717-45	SW-6 (4')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 27255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-46	SW-7 (4')	Total/NA	Solid	5035	
880-15717-47	SW-8 (5')	Total/NA	Solid	5035	
880-15717-48	SW-9 (5')	Total/NA	Solid	5035	
880-15717-49	SW-10 (3.5')	Total/NA	Solid	5035	
880-15717-50	SW-11 (3.5')	Total/NA	Solid	5035	
880-15717-51	SW-12 (2')	Total/NA	Solid	5035	
880-15717-52	SW-13 (2')	Total/NA	Solid	5035	
880-15717-53	SW-14 (2')	Total/NA	Solid	5035	
880-15717-54	SW-15 (2')	Total/NA	Solid	5035	
880-15717-55	SW-16 (4.5')	Total/NA	Solid	5035	
880-15717-56	SW-17 (3.5')	Total/NA	Solid	5035	
880-15717-57	SW-18 (5')	Total/NA	Solid	5035	
880-15717-58	SW-19 (2')	Total/NA	Solid	5035	
880-15717-59	SW-20 (2')	Total/NA	Solid	5035	
880-15717-60	SW-21 (2')	Total/NA	Solid	5035	
MB 880-27255/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27255/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27255/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15717-41 MS	SW-2 (2')	Total/NA	Solid	5035	
880-15717-41 MSD	SW-2 (2')	Total/NA	Solid	5035	

Analysis Batch: 27289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-1	CS-1 (2')	Total/NA	Solid	8021B	27253
880-15717-2	CS-2 (2')	Total/NA	Solid	8021B	27253
880-15717-3	CS-3 (2')	Total/NA	Solid	8021B	27253
880-15717-4	CS-4 (2')	Total/NA	Solid	8021B	27253
880-15717-5	CS-5 (2')	Total/NA	Solid	8021B	27253
880-15717-6	CS-6 (2')	Total/NA	Solid	8021B	27253
880-15717-7	CS-7 (2')	Total/NA	Solid	8021B	27253
880-15717-8	CS-8 (4')	Total/NA	Solid	8021B	27253
880-15717-9	CS-9 (4')	Total/NA	Solid	8021B	27253
880-15717-10	CS-10 (4')	Total/NA	Solid	8021B	27253
880-15717-11	CS-11 (4')	Total/NA	Solid	8021B	27253
880-15717-12	CS-12 (4')	Total/NA	Solid	8021B	27253
880-15717-13	CS-13 (4')	Total/NA	Solid	8021B	27253
880-15717-14	CS-14 (4')	Total/NA	Solid	8021B	27253
880-15717-15	CS-15 (4')	Total/NA	Solid	8021B	27253
880-15717-16	CS-16 (4')	Total/NA	Solid	8021B	27253
880-15717-17	CS-17 (4')	Total/NA	Solid	8021B	27253
880-15717-18	CS-18 (4')	Total/NA	Solid	8021B	27253
880-15717-19	CS-19 (4')	Total/NA	Solid	8021B	27253
880-15717-20	CS-20 (5')	Total/NA	Solid	8021B	27253
880-15717-21	CS-21 (5')	Total/NA	Solid	8021B	27254
880-15717-22	CS-22 (5')	Total/NA	Solid	8021B	27254
880-15717-23	CS-23 (5')	Total/NA	Solid	8021B	27254
880-15717-24	CS-24 (5')	Total/NA	Solid	8021B	27254
880-15717-25	CS-25 (5')	Total/NA	Solid	8021B	27254
880-15717-26	CS-26 (5')	Total/NA	Solid	8021B	27254
880-15717-27	CS-27 (3.5')	Total/NA	Solid	8021B	27254
880-15717-28	CS-28 (3.5')	Total/NA	Solid	8021B	27254

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 27289 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-29	CS-29 (3.5')	Total/NA	Solid	8021B	27254
880-15717-30	CS-30 (3.5')	Total/NA	Solid	8021B	27254
MB 880-27253/5-A	Method Blank	Total/NA	Solid	8021B	27253
MB 880-27254/5-A	Method Blank	Total/NA	Solid	8021B	27254
LCS 880-27253/1-A	Lab Control Sample	Total/NA	Solid	8021B	27253
LCS 880-27254/1-A	Lab Control Sample	Total/NA	Solid	8021B	27254
LCSD 880-27253/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27253
LCSD 880-27254/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27254
880-15717-1 MS	CS-1 (2')	Total/NA	Solid	8021B	27253
880-15717-1 MSD	CS-1 (2')	Total/NA	Solid	8021B	27253
880-15717-21 MS	CS-21 (5')	Total/NA	Solid	8021B	27254
880-15717-21 MSD	CS-21 (5')	Total/NA	Solid	8021B	27254

Prep Batch: 27305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27305/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-31	CS-31 (3.5')	Total/NA	Solid	8021B	27338
880-15717-32	CS-32 (4.5')	Total/NA	Solid	8021B	27338
880-15717-33	CS-33 (2')	Total/NA	Solid	8021B	27338
880-15717-34	CS-34 (2')	Total/NA	Solid	8021B	27338
880-15717-35	CS-35 (2')	Total/NA	Solid	8021B	27338
880-15717-36	CS-36 (2')	Total/NA	Solid	8021B	27338
880-15717-37	CS-37 (2')	Total/NA	Solid	8021B	27338
880-15717-38	CS-38 (2')	Total/NA	Solid	8021B	27338
880-15717-39	CS-39 (2')	Total/NA	Solid	8021B	27338
880-15717-40	SW-1 (2')	Total/NA	Solid	8021B	27338
MB 880-27305/5-A	Method Blank	Total/NA	Solid	8021B	27305
MB 880-27338/5-A	Method Blank	Total/NA	Solid	8021B	27338
LCS 880-27338/1-A	Lab Control Sample	Total/NA	Solid	8021B	27338
LCSD 880-27338/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27338
880-15717-31 MS	CS-31 (3.5')	Total/NA	Solid	8021B	27338
880-15717-31 MSD	CS-31 (3.5')	Total/NA	Solid	8021B	27338

Analysis Batch: 27337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-41	SW-2 (2')	Total/NA	Solid	8021B	27255
880-15717-42	SW-3 (4')	Total/NA	Solid	8021B	27255
880-15717-43	SW-4 (4')	Total/NA	Solid	8021B	27255
880-15717-44	SW-5 (4')	Total/NA	Solid	8021B	27255
880-15717-45	SW-6 (4')	Total/NA	Solid	8021B	27255
880-15717-46	SW-7 (4')	Total/NA	Solid	8021B	27255
880-15717-47	SW-8 (5')	Total/NA	Solid	8021B	27255
880-15717-48	SW-9 (5')	Total/NA	Solid	8021B	27255
880-15717-49	SW-10 (3.5')	Total/NA	Solid	8021B	27255
880-15717-50	SW-11 (3.5')	Total/NA	Solid	8021B	27255
MB 880-27255/5-A	Method Blank	Total/NA	Solid	8021B	27255
LCS 880-27255/1-A	Lab Control Sample	Total/NA	Solid	8021B	27255
LCSD 880-27255/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27255

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 27337 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-41 MS	SW-2 (2')	Total/NA	Solid	8021B	27255
880-15717-41 MSD	SW-2 (2')	Total/NA	Solid	8021B	27255

Prep Batch: 27338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-31	CS-31 (3.5')	Total/NA	Solid	5035	
880-15717-32	CS-32 (4.5')	Total/NA	Solid	5035	
880-15717-33	CS-33 (2')	Total/NA	Solid	5035	
880-15717-34	CS-34 (2')	Total/NA	Solid	5035	
880-15717-35	CS-35 (2')	Total/NA	Solid	5035	
880-15717-36	CS-36 (2')	Total/NA	Solid	5035	
880-15717-37	CS-37 (2')	Total/NA	Solid	5035	
880-15717-38	CS-38 (2')	Total/NA	Solid	5035	
880-15717-39	CS-39 (2')	Total/NA	Solid	5035	
880-15717-40	SW-1 (2')	Total/NA	Solid	5035	
MB 880-27338/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27338/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27338/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15717-31 MS	CS-31 (3.5')	Total/NA	Solid	5035	
880-15717-31 MSD	CS-31 (3.5')	Total/NA	Solid	5035	

Prep Batch: 27339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-62	SW-23 (3')	Total/NA	Solid	5035	
880-15717-63	SW-24 (1')	Total/NA	Solid	5035	
880-15717-64	SW-25 (1.5')	Total/NA	Solid	5035	
880-15717-65	SW-26 (1')	Total/NA	Solid	5035	
880-15717-66	SW-27 (1')	Total/NA	Solid	5035	
880-15717-67	SW-28 (2.5')	Total/NA	Solid	5035	
880-15717-68	SW-29 (1.5')	Total/NA	Solid	5035	
MB 880-27339/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27339/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27339/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15717-61 MS	SW-22 (2')	Total/NA	Solid	5035	
880-15717-61 MSD	SW-22 (2')	Total/NA	Solid	5035	

Analysis Batch: 27350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-51	SW-12 (2')	Total/NA	Solid	8021B	27255
880-15717-52	SW-13 (2')	Total/NA	Solid	8021B	27255
880-15717-53	SW-14 (2')	Total/NA	Solid	8021B	27255
880-15717-54	SW-15 (2')	Total/NA	Solid	8021B	27255
880-15717-55	SW-16 (4.5')	Total/NA	Solid	8021B	27255
880-15717-56	SW-17 (3.5')	Total/NA	Solid	8021B	27255
880-15717-57	SW-18 (5')	Total/NA	Solid	8021B	27255
880-15717-58	SW-19 (2')	Total/NA	Solid	8021B	27255
880-15717-59	SW-20 (2')	Total/NA	Solid	8021B	27255
880-15717-60	SW-21 (2')	Total/NA	Solid	8021B	27255
880-15717-61	SW-22 (2')	Total/NA	Solid	8021B	
880-15717-62	SW-23 (3')	Total/NA	Solid	8021B	27339
880-15717-63	SW-24 (1')	Total/NA	Solid	8021B	27339

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 27350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-64	SW-25 (1.5')	Total/NA	Solid	8021B	27339
880-15717-65	SW-26 (1')	Total/NA	Solid	8021B	27339
880-15717-66	SW-27 (1')	Total/NA	Solid	8021B	27339
880-15717-67	SW-28 (2.5')	Total/NA	Solid	8021B	27339
880-15717-68	SW-29 (1.5')	Total/NA	Solid	8021B	27339
MB 880-27255/5-A	Method Blank	Total/NA	Solid	8021B	27255
MB 880-27339/5-A	Method Blank	Total/NA	Solid	8021B	27339
LCS 880-27255/1-A	Lab Control Sample	Total/NA	Solid	8021B	27255
LCS 880-27339/1-A	Lab Control Sample	Total/NA	Solid	8021B	27339
LCSD 880-27255/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27255
LCSD 880-27339/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27339
880-15717-41 MS	SW-2 (2')	Total/NA	Solid	8021B	27255
880-15717-41 MSD	SW-2 (2')	Total/NA	Solid	8021B	27255
880-15717-61 MS	SW-22 (2')	Total/NA	Solid	8021B	27339
880-15717-61 MSD	SW-22 (2')	Total/NA	Solid	8021B	27339

Analysis Batch: 27417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-1	CS-1 (2')	Total/NA	Solid	Total BTEX	
880-15717-2	CS-2 (2')	Total/NA	Solid	Total BTEX	
880-15717-3	CS-3 (2')	Total/NA	Solid	Total BTEX	
880-15717-4	CS-4 (2')	Total/NA	Solid	Total BTEX	
880-15717-5	CS-5 (2')	Total/NA	Solid	Total BTEX	
880-15717-6	CS-6 (2')	Total/NA	Solid	Total BTEX	
880-15717-7	CS-7 (2')	Total/NA	Solid	Total BTEX	
880-15717-8	CS-8 (4')	Total/NA	Solid	Total BTEX	
880-15717-9	CS-9 (4')	Total/NA	Solid	Total BTEX	
880-15717-10	CS-10 (4')	Total/NA	Solid	Total BTEX	
880-15717-11	CS-11 (4')	Total/NA	Solid	Total BTEX	
880-15717-12	CS-12 (4')	Total/NA	Solid	Total BTEX	
880-15717-13	CS-13 (4')	Total/NA	Solid	Total BTEX	
880-15717-14	CS-14 (4')	Total/NA	Solid	Total BTEX	
880-15717-15	CS-15 (4')	Total/NA	Solid	Total BTEX	
880-15717-16	CS-16 (4')	Total/NA	Solid	Total BTEX	
880-15717-17	CS-17 (4')	Total/NA	Solid	Total BTEX	
880-15717-18	CS-18 (4')	Total/NA	Solid	Total BTEX	
880-15717-19	CS-19 (4')	Total/NA	Solid	Total BTEX	
880-15717-20	CS-20 (5')	Total/NA	Solid	Total BTEX	
880-15717-21	CS-21 (5')	Total/NA	Solid	Total BTEX	
880-15717-22	CS-22 (5')	Total/NA	Solid	Total BTEX	
880-15717-23	CS-23 (5')	Total/NA	Solid	Total BTEX	
880-15717-24	CS-24 (5')	Total/NA	Solid	Total BTEX	
880-15717-25	CS-25 (5')	Total/NA	Solid	Total BTEX	
880-15717-26	CS-26 (5')	Total/NA	Solid	Total BTEX	
880-15717-27	CS-27 (3.5')	Total/NA	Solid	Total BTEX	
880-15717-28	CS-28 (3.5')	Total/NA	Solid	Total BTEX	
880-15717-29	CS-29 (3.5')	Total/NA	Solid	Total BTEX	
880-15717-30	CS-30 (3.5')	Total/NA	Solid	Total BTEX	
880-15717-31	CS-31 (3.5')	Total/NA	Solid	Total BTEX	
880-15717-32	CS-32 (4.5')	Total/NA	Solid	Total BTEX	
880-15717-33	CS-33 (2')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 27417 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-34	CS-34 (2')	Total/NA	Solid	Total BTEX	
880-15717-35	CS-35 (2')	Total/NA	Solid	Total BTEX	
880-15717-36	CS-36 (2')	Total/NA	Solid	Total BTEX	
880-15717-37	CS-37 (2')	Total/NA	Solid	Total BTEX	
880-15717-38	CS-38 (2')	Total/NA	Solid	Total BTEX	
880-15717-39	CS-39 (2')	Total/NA	Solid	Total BTEX	
880-15717-40	SW-1 (2')	Total/NA	Solid	Total BTEX	
880-15717-41	SW-2 (2')	Total/NA	Solid	Total BTEX	
880-15717-42	SW-3 (4')	Total/NA	Solid	Total BTEX	
880-15717-43	SW-4 (4')	Total/NA	Solid	Total BTEX	
880-15717-44	SW-5 (4')	Total/NA	Solid	Total BTEX	
880-15717-45	SW-6 (4')	Total/NA	Solid	Total BTEX	
880-15717-46	SW-7 (4')	Total/NA	Solid	Total BTEX	
880-15717-47	SW-8 (5')	Total/NA	Solid	Total BTEX	
880-15717-48	SW-9 (5')	Total/NA	Solid	Total BTEX	
880-15717-49	SW-10 (3.5')	Total/NA	Solid	Total BTEX	
880-15717-50	SW-11 (3.5')	Total/NA	Solid	Total BTEX	
880-15717-51	SW-12 (2')	Total/NA	Solid	Total BTEX	
880-15717-52	SW-13 (2')	Total/NA	Solid	Total BTEX	
880-15717-53	SW-14 (2')	Total/NA	Solid	Total BTEX	
880-15717-54	SW-15 (2')	Total/NA	Solid	Total BTEX	
880-15717-55	SW-16 (4.5')	Total/NA	Solid	Total BTEX	
880-15717-56	SW-17 (3.5')	Total/NA	Solid	Total BTEX	
880-15717-57	SW-18 (5')	Total/NA	Solid	Total BTEX	
880-15717-58	SW-19 (2')	Total/NA	Solid	Total BTEX	
880-15717-59	SW-20 (2')	Total/NA	Solid	Total BTEX	
880-15717-60	SW-21 (2')	Total/NA	Solid	Total BTEX	
880-15717-61	SW-22 (2')	Total/NA	Solid	Total BTEX	
880-15717-62	SW-23 (3')	Total/NA	Solid	Total BTEX	
880-15717-63	SW-24 (1')	Total/NA	Solid	Total BTEX	
880-15717-64	SW-25 (1.5')	Total/NA	Solid	Total BTEX	
880-15717-65	SW-26 (1')	Total/NA	Solid	Total BTEX	
880-15717-66	SW-27 (1')	Total/NA	Solid	Total BTEX	
880-15717-67	SW-28 (2.5')	Total/NA	Solid	Total BTEX	
880-15717-68	SW-29 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 27237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-61	SW-22 (2')	Total/NA	Solid	8015B NM	27293
880-15717-62	SW-23 (3')	Total/NA	Solid	8015B NM	27293
880-15717-63	SW-24 (1')	Total/NA	Solid	8015B NM	27293
880-15717-64	SW-25 (1.5')	Total/NA	Solid	8015B NM	27293
880-15717-65	SW-26 (1')	Total/NA	Solid	8015B NM	27293
880-15717-66	SW-27 (1')	Total/NA	Solid	8015B NM	27293
880-15717-67	SW-28 (2.5')	Total/NA	Solid	8015B NM	27293
880-15717-68	SW-29 (1.5')	Total/NA	Solid	8015B NM	27293
MB 880-27293/1-A	Method Blank	Total/NA	Solid	8015B NM	27293
LCS 880-27293/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27293
LCSD 880-27293/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27293

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 27237 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-61 MS	SW-22 (2')	Total/NA	Solid	8015B NM	27293
880-15717-61 MSD	SW-22 (2')	Total/NA	Solid	8015B NM	27293

Analysis Batch: 27239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-41	SW-2 (2')	Total/NA	Solid	8015B NM	27258
880-15717-42	SW-3 (4')	Total/NA	Solid	8015B NM	27258
880-15717-43	SW-4 (4')	Total/NA	Solid	8015B NM	27258
880-15717-44	SW-5 (4')	Total/NA	Solid	8015B NM	27258
880-15717-45	SW-6 (4')	Total/NA	Solid	8015B NM	27258
880-15717-46	SW-7 (4')	Total/NA	Solid	8015B NM	27258
880-15717-47	SW-8 (5')	Total/NA	Solid	8015B NM	27258
880-15717-48	SW-9 (5')	Total/NA	Solid	8015B NM	27258
880-15717-49	SW-10 (3.5')	Total/NA	Solid	8015B NM	27258
880-15717-50	SW-11 (3.5')	Total/NA	Solid	8015B NM	27258
880-15717-51	SW-12 (2')	Total/NA	Solid	8015B NM	27258
880-15717-52	SW-13 (2')	Total/NA	Solid	8015B NM	27258
880-15717-53	SW-14 (2')	Total/NA	Solid	8015B NM	27258
880-15717-54	SW-15 (2')	Total/NA	Solid	8015B NM	27258
880-15717-55	SW-16 (4.5')	Total/NA	Solid	8015B NM	27258
880-15717-56	SW-17 (3.5')	Total/NA	Solid	8015B NM	27258
880-15717-57	SW-18 (5')	Total/NA	Solid	8015B NM	27258
880-15717-58	SW-19 (2')	Total/NA	Solid	8015B NM	27258
880-15717-59	SW-20 (2')	Total/NA	Solid	8015B NM	27258
880-15717-60	SW-21 (2')	Total/NA	Solid	8015B NM	27258
MB 880-27258/1-A	Method Blank	Total/NA	Solid	8015B NM	27258
LCS 880-27258/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27258
LCSD 880-27258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27258
880-15717-41 MS	SW-2 (2')	Total/NA	Solid	8015B NM	27258
880-15717-41 MSD	SW-2 (2')	Total/NA	Solid	8015B NM	27258

Analysis Batch: 27244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-21	CS-21 (5')	Total/NA	Solid	8015B NM	27257
880-15717-22	CS-22 (5')	Total/NA	Solid	8015B NM	27257
880-15717-23	CS-23 (5')	Total/NA	Solid	8015B NM	27257
880-15717-24	CS-24 (5')	Total/NA	Solid	8015B NM	27257
880-15717-25	CS-25 (5')	Total/NA	Solid	8015B NM	27257
880-15717-26	CS-26 (5')	Total/NA	Solid	8015B NM	27257
880-15717-27	CS-27 (3.5')	Total/NA	Solid	8015B NM	27257
880-15717-28	CS-28 (3.5')	Total/NA	Solid	8015B NM	27257
880-15717-29	CS-29 (3.5')	Total/NA	Solid	8015B NM	27257
880-15717-30	CS-30 (3.5')	Total/NA	Solid	8015B NM	27257
880-15717-31	CS-31 (3.5')	Total/NA	Solid	8015B NM	27257
880-15717-32	CS-32 (4.5')	Total/NA	Solid	8015B NM	27257
880-15717-33	CS-33 (2')	Total/NA	Solid	8015B NM	27257
880-15717-34	CS-34 (2')	Total/NA	Solid	8015B NM	27257
880-15717-35	CS-35 (2')	Total/NA	Solid	8015B NM	27257
880-15717-36	CS-36 (2')	Total/NA	Solid	8015B NM	27257
880-15717-37	CS-37 (2')	Total/NA	Solid	8015B NM	27257
880-15717-38	CS-38 (2')	Total/NA	Solid	8015B NM	27257

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 27244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-39	CS-39 (2')	Total/NA	Solid	8015B NM	27257
880-15717-40	SW-1 (2')	Total/NA	Solid	8015B NM	27257
MB 880-27257/1-A	Method Blank	Total/NA	Solid	8015B NM	27257
LCS 880-27257/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27257
LCSD 880-27257/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27257
880-15717-21 MS	CS-21 (5')	Total/NA	Solid	8015B NM	27257
880-15717-21 MSD	CS-21 (5')	Total/NA	Solid	8015B NM	27257

Analysis Batch: 27246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-1	CS-1 (2')	Total/NA	Solid	8015B NM	27256
880-15717-2	CS-2 (2')	Total/NA	Solid	8015B NM	27256
880-15717-3	CS-3 (2')	Total/NA	Solid	8015B NM	27256
880-15717-4	CS-4 (2')	Total/NA	Solid	8015B NM	27256
880-15717-5	CS-5 (2')	Total/NA	Solid	8015B NM	27256
880-15717-6	CS-6 (2')	Total/NA	Solid	8015B NM	27256
880-15717-7	CS-7 (2')	Total/NA	Solid	8015B NM	27256
880-15717-8	CS-8 (4')	Total/NA	Solid	8015B NM	27256
880-15717-9	CS-9 (4')	Total/NA	Solid	8015B NM	27256
880-15717-10	CS-10 (4')	Total/NA	Solid	8015B NM	27256
880-15717-11	CS-11 (4')	Total/NA	Solid	8015B NM	27256
880-15717-12	CS-12 (4')	Total/NA	Solid	8015B NM	27256
880-15717-13	CS-13 (4')	Total/NA	Solid	8015B NM	27256
880-15717-14	CS-14 (4')	Total/NA	Solid	8015B NM	27256
880-15717-15	CS-15 (4')	Total/NA	Solid	8015B NM	27256
880-15717-16	CS-16 (4')	Total/NA	Solid	8015B NM	27256
880-15717-17	CS-17 (4')	Total/NA	Solid	8015B NM	27256
880-15717-18	CS-18 (4')	Total/NA	Solid	8015B NM	27256
880-15717-19	CS-19 (4')	Total/NA	Solid	8015B NM	27256
880-15717-20	CS-20 (5')	Total/NA	Solid	8015B NM	27256
MB 880-27256/1-A	Method Blank	Total/NA	Solid	8015B NM	27256
LCS 880-27256/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27256
LCSD 880-27256/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27256
880-15717-1 MS	CS-1 (2')	Total/NA	Solid	8015B NM	27256
880-15717-1 MSD	CS-1 (2')	Total/NA	Solid	8015B NM	27256

Prep Batch: 27256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-1	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-15717-2	CS-2 (2')	Total/NA	Solid	8015NM Prep	
880-15717-3	CS-3 (2')	Total/NA	Solid	8015NM Prep	
880-15717-4	CS-4 (2')	Total/NA	Solid	8015NM Prep	
880-15717-5	CS-5 (2')	Total/NA	Solid	8015NM Prep	
880-15717-6	CS-6 (2')	Total/NA	Solid	8015NM Prep	
880-15717-7	CS-7 (2')	Total/NA	Solid	8015NM Prep	
880-15717-8	CS-8 (4')	Total/NA	Solid	8015NM Prep	
880-15717-9	CS-9 (4')	Total/NA	Solid	8015NM Prep	
880-15717-10	CS-10 (4')	Total/NA	Solid	8015NM Prep	
880-15717-11	CS-11 (4')	Total/NA	Solid	8015NM Prep	
880-15717-12	CS-12 (4')	Total/NA	Solid	8015NM Prep	
880-15717-13	CS-13 (4')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 27256 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-14	CS-14 (4')	Total/NA	Solid	8015NM Prep	
880-15717-15	CS-15 (4')	Total/NA	Solid	8015NM Prep	
880-15717-16	CS-16 (4')	Total/NA	Solid	8015NM Prep	
880-15717-17	CS-17 (4')	Total/NA	Solid	8015NM Prep	
880-15717-18	CS-18 (4')	Total/NA	Solid	8015NM Prep	
880-15717-19	CS-19 (4')	Total/NA	Solid	8015NM Prep	
880-15717-20	CS-20 (5')	Total/NA	Solid	8015NM Prep	
MB 880-27256/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27256/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27256/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15717-1 MS	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-15717-1 MSD	CS-1 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 27257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-21	CS-21 (5')	Total/NA	Solid	8015NM Prep	
880-15717-22	CS-22 (5')	Total/NA	Solid	8015NM Prep	
880-15717-23	CS-23 (5')	Total/NA	Solid	8015NM Prep	
880-15717-24	CS-24 (5')	Total/NA	Solid	8015NM Prep	
880-15717-25	CS-25 (5')	Total/NA	Solid	8015NM Prep	
880-15717-26	CS-26 (5')	Total/NA	Solid	8015NM Prep	
880-15717-27	CS-27 (3.5')	Total/NA	Solid	8015NM Prep	
880-15717-28	CS-28 (3.5')	Total/NA	Solid	8015NM Prep	
880-15717-29	CS-29 (3.5')	Total/NA	Solid	8015NM Prep	
880-15717-30	CS-30 (3.5')	Total/NA	Solid	8015NM Prep	
880-15717-31	CS-31 (3.5')	Total/NA	Solid	8015NM Prep	
880-15717-32	CS-32 (4.5')	Total/NA	Solid	8015NM Prep	
880-15717-33	CS-33 (2')	Total/NA	Solid	8015NM Prep	
880-15717-34	CS-34 (2')	Total/NA	Solid	8015NM Prep	
880-15717-35	CS-35 (2')	Total/NA	Solid	8015NM Prep	
880-15717-36	CS-36 (2')	Total/NA	Solid	8015NM Prep	
880-15717-37	CS-37 (2')	Total/NA	Solid	8015NM Prep	
880-15717-38	CS-38 (2')	Total/NA	Solid	8015NM Prep	
880-15717-39	CS-39 (2')	Total/NA	Solid	8015NM Prep	
880-15717-40	SW-1 (2')	Total/NA	Solid	8015NM Prep	
MB 880-27257/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27257/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27257/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15717-21 MS	CS-21 (5')	Total/NA	Solid	8015NM Prep	
880-15717-21 MSD	CS-21 (5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 27258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-41	SW-2 (2')	Total/NA	Solid	8015NM Prep	
880-15717-42	SW-3 (4')	Total/NA	Solid	8015NM Prep	
880-15717-43	SW-4 (4')	Total/NA	Solid	8015NM Prep	
880-15717-44	SW-5 (4')	Total/NA	Solid	8015NM Prep	
880-15717-45	SW-6 (4')	Total/NA	Solid	8015NM Prep	
880-15717-46	SW-7 (4')	Total/NA	Solid	8015NM Prep	
880-15717-47	SW-8 (5')	Total/NA	Solid	8015NM Prep	
880-15717-48	SW-9 (5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 27258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-49	SW-10 (3.5')	Total/NA	Solid	8015NM Prep	
880-15717-50	SW-11 (3.5')	Total/NA	Solid	8015NM Prep	
880-15717-51	SW-12 (2')	Total/NA	Solid	8015NM Prep	
880-15717-52	SW-13 (2')	Total/NA	Solid	8015NM Prep	
880-15717-53	SW-14 (2')	Total/NA	Solid	8015NM Prep	
880-15717-54	SW-15 (2')	Total/NA	Solid	8015NM Prep	
880-15717-55	SW-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-15717-56	SW-17 (3.5')	Total/NA	Solid	8015NM Prep	
880-15717-57	SW-18 (5')	Total/NA	Solid	8015NM Prep	
880-15717-58	SW-19 (2')	Total/NA	Solid	8015NM Prep	
880-15717-59	SW-20 (2')	Total/NA	Solid	8015NM Prep	
880-15717-60	SW-21 (2')	Total/NA	Solid	8015NM Prep	
MB 880-27258/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27258/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15717-41 MS	SW-2 (2')	Total/NA	Solid	8015NM Prep	
880-15717-41 MSD	SW-2 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 27293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-61	SW-22 (2')	Total/NA	Solid	8015NM Prep	
880-15717-62	SW-23 (3')	Total/NA	Solid	8015NM Prep	
880-15717-63	SW-24 (1')	Total/NA	Solid	8015NM Prep	
880-15717-64	SW-25 (1.5')	Total/NA	Solid	8015NM Prep	
880-15717-65	SW-26 (1')	Total/NA	Solid	8015NM Prep	
880-15717-66	SW-27 (1')	Total/NA	Solid	8015NM Prep	
880-15717-67	SW-28 (2.5')	Total/NA	Solid	8015NM Prep	
880-15717-68	SW-29 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-27293/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27293/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27293/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15717-61 MS	SW-22 (2')	Total/NA	Solid	8015NM Prep	
880-15717-61 MSD	SW-22 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-1	CS-1 (2')	Total/NA	Solid	8015 NM	
880-15717-2	CS-2 (2')	Total/NA	Solid	8015 NM	
880-15717-3	CS-3 (2')	Total/NA	Solid	8015 NM	
880-15717-4	CS-4 (2')	Total/NA	Solid	8015 NM	
880-15717-5	CS-5 (2')	Total/NA	Solid	8015 NM	
880-15717-6	CS-6 (2')	Total/NA	Solid	8015 NM	
880-15717-7	CS-7 (2')	Total/NA	Solid	8015 NM	
880-15717-8	CS-8 (4')	Total/NA	Solid	8015 NM	
880-15717-9	CS-9 (4')	Total/NA	Solid	8015 NM	
880-15717-10	CS-10 (4')	Total/NA	Solid	8015 NM	
880-15717-11	CS-11 (4')	Total/NA	Solid	8015 NM	
880-15717-12	CS-12 (4')	Total/NA	Solid	8015 NM	
880-15717-13	CS-13 (4')	Total/NA	Solid	8015 NM	
880-15717-14	CS-14 (4')	Total/NA	Solid	8015 NM	
880-15717-15	CS-15 (4')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 27366 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-16	CS-16 (4')	Total/NA	Solid	8015 NM	
880-15717-17	CS-17 (4')	Total/NA	Solid	8015 NM	
880-15717-18	CS-18 (4')	Total/NA	Solid	8015 NM	
880-15717-19	CS-19 (4')	Total/NA	Solid	8015 NM	
880-15717-20	CS-20 (5')	Total/NA	Solid	8015 NM	
880-15717-21	CS-21 (5')	Total/NA	Solid	8015 NM	
880-15717-22	CS-22 (5')	Total/NA	Solid	8015 NM	
880-15717-23	CS-23 (5')	Total/NA	Solid	8015 NM	
880-15717-24	CS-24 (5')	Total/NA	Solid	8015 NM	
880-15717-25	CS-25 (5')	Total/NA	Solid	8015 NM	
880-15717-26	CS-26 (5')	Total/NA	Solid	8015 NM	
880-15717-27	CS-27 (3.5')	Total/NA	Solid	8015 NM	
880-15717-28	CS-28 (3.5')	Total/NA	Solid	8015 NM	
880-15717-29	CS-29 (3.5')	Total/NA	Solid	8015 NM	
880-15717-30	CS-30 (3.5')	Total/NA	Solid	8015 NM	
880-15717-31	CS-31 (3.5')	Total/NA	Solid	8015 NM	
880-15717-32	CS-32 (4.5')	Total/NA	Solid	8015 NM	
880-15717-33	CS-33 (2')	Total/NA	Solid	8015 NM	
880-15717-34	CS-34 (2')	Total/NA	Solid	8015 NM	
880-15717-35	CS-35 (2')	Total/NA	Solid	8015 NM	
880-15717-36	CS-36 (2')	Total/NA	Solid	8015 NM	
880-15717-37	CS-37 (2')	Total/NA	Solid	8015 NM	
880-15717-38	CS-38 (2')	Total/NA	Solid	8015 NM	
880-15717-39	CS-39 (2')	Total/NA	Solid	8015 NM	
880-15717-40	SW-1 (2')	Total/NA	Solid	8015 NM	
880-15717-41	SW-2 (2')	Total/NA	Solid	8015 NM	
880-15717-42	SW-3 (4')	Total/NA	Solid	8015 NM	
880-15717-43	SW-4 (4')	Total/NA	Solid	8015 NM	
880-15717-44	SW-5 (4')	Total/NA	Solid	8015 NM	
880-15717-45	SW-6 (4')	Total/NA	Solid	8015 NM	
880-15717-46	SW-7 (4')	Total/NA	Solid	8015 NM	
880-15717-47	SW-8 (5')	Total/NA	Solid	8015 NM	
880-15717-48	SW-9 (5')	Total/NA	Solid	8015 NM	
880-15717-49	SW-10 (3.5')	Total/NA	Solid	8015 NM	
880-15717-50	SW-11 (3.5')	Total/NA	Solid	8015 NM	
880-15717-51	SW-12 (2')	Total/NA	Solid	8015 NM	
880-15717-52	SW-13 (2')	Total/NA	Solid	8015 NM	
880-15717-53	SW-14 (2')	Total/NA	Solid	8015 NM	
880-15717-54	SW-15 (2')	Total/NA	Solid	8015 NM	
880-15717-55	SW-16 (4.5')	Total/NA	Solid	8015 NM	
880-15717-56	SW-17 (3.5')	Total/NA	Solid	8015 NM	
880-15717-57	SW-18 (5')	Total/NA	Solid	8015 NM	
880-15717-58	SW-19 (2')	Total/NA	Solid	8015 NM	
880-15717-59	SW-20 (2')	Total/NA	Solid	8015 NM	
880-15717-60	SW-21 (2')	Total/NA	Solid	8015 NM	
880-15717-61	SW-22 (2')	Total/NA	Solid	8015 NM	
880-15717-62	SW-23 (3')	Total/NA	Solid	8015 NM	
880-15717-63	SW-24 (1')	Total/NA	Solid	8015 NM	
880-15717-64	SW-25 (1.5')	Total/NA	Solid	8015 NM	
880-15717-65	SW-26 (1')	Total/NA	Solid	8015 NM	
880-15717-66	SW-27 (1')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 27366 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-67	SW-28 (2.5')	Total/NA	Solid	8015 NM	
880-15717-68	SW-29 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-1	CS-1 (2')	Soluble	Solid	DI Leach	
880-15717-2	CS-2 (2')	Soluble	Solid	DI Leach	
880-15717-3	CS-3 (2')	Soluble	Solid	DI Leach	
880-15717-4	CS-4 (2')	Soluble	Solid	DI Leach	
880-15717-5	CS-5 (2')	Soluble	Solid	DI Leach	
880-15717-6	CS-6 (2')	Soluble	Solid	DI Leach	
880-15717-7	CS-7 (2')	Soluble	Solid	DI Leach	
880-15717-8	CS-8 (4')	Soluble	Solid	DI Leach	
880-15717-9	CS-9 (4')	Soluble	Solid	DI Leach	
880-15717-10	CS-10 (4')	Soluble	Solid	DI Leach	
880-15717-11	CS-11 (4')	Soluble	Solid	DI Leach	
880-15717-12	CS-12 (4')	Soluble	Solid	DI Leach	
880-15717-13	CS-13 (4')	Soluble	Solid	DI Leach	
880-15717-14	CS-14 (4')	Soluble	Solid	DI Leach	
880-15717-15	CS-15 (4')	Soluble	Solid	DI Leach	
880-15717-16	CS-16 (4')	Soluble	Solid	DI Leach	
880-15717-17	CS-17 (4')	Soluble	Solid	DI Leach	
880-15717-18	CS-18 (4')	Soluble	Solid	DI Leach	
880-15717-19	CS-19 (4')	Soluble	Solid	DI Leach	
880-15717-20	CS-20 (5')	Soluble	Solid	DI Leach	
MB 880-27296/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27296/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27296/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15717-1 MS	CS-1 (2')	Soluble	Solid	DI Leach	
880-15717-1 MSD	CS-1 (2')	Soluble	Solid	DI Leach	
880-15717-11 MS	CS-11 (4')	Soluble	Solid	DI Leach	
880-15717-11 MSD	CS-11 (4')	Soluble	Solid	DI Leach	

Leach Batch: 27297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-21	CS-21 (5')	Soluble	Solid	DI Leach	
880-15717-22	CS-22 (5')	Soluble	Solid	DI Leach	
880-15717-23	CS-23 (5')	Soluble	Solid	DI Leach	
880-15717-24	CS-24 (5')	Soluble	Solid	DI Leach	
880-15717-25	CS-25 (5')	Soluble	Solid	DI Leach	
880-15717-26	CS-26 (5')	Soluble	Solid	DI Leach	
880-15717-27	CS-27 (3.5')	Soluble	Solid	DI Leach	
880-15717-28	CS-28 (3.5')	Soluble	Solid	DI Leach	
880-15717-29	CS-29 (3.5')	Soluble	Solid	DI Leach	
880-15717-30	CS-30 (3.5')	Soluble	Solid	DI Leach	
880-15717-31	CS-31 (3.5')	Soluble	Solid	DI Leach	
880-15717-32	CS-32 (4.5')	Soluble	Solid	DI Leach	
880-15717-33	CS-33 (2')	Soluble	Solid	DI Leach	
880-15717-34	CS-34 (2')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 27297 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-35	CS-35 (2')	Soluble	Solid	DI Leach	
880-15717-36	CS-36 (2')	Soluble	Solid	DI Leach	
880-15717-37	CS-37 (2')	Soluble	Solid	DI Leach	
880-15717-38	CS-38 (2')	Soluble	Solid	DI Leach	
880-15717-39	CS-39 (2')	Soluble	Solid	DI Leach	
880-15717-40	SW-1 (2')	Soluble	Solid	DI Leach	
MB 880-27297/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27297/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27297/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15717-21 MS	CS-21 (5')	Soluble	Solid	DI Leach	
880-15717-21 MSD	CS-21 (5')	Soluble	Solid	DI Leach	
880-15717-31 MS	CS-31 (3.5')	Soluble	Solid	DI Leach	
880-15717-31 MSD	CS-31 (3.5')	Soluble	Solid	DI Leach	

Leach Batch: 27298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-41	SW-2 (2')	Soluble	Solid	DI Leach	
880-15717-42	SW-3 (4')	Soluble	Solid	DI Leach	
880-15717-43	SW-4 (4')	Soluble	Solid	DI Leach	
880-15717-44	SW-5 (4')	Soluble	Solid	DI Leach	
880-15717-45	SW-6 (4')	Soluble	Solid	DI Leach	
880-15717-46	SW-7 (4')	Soluble	Solid	DI Leach	
880-15717-47	SW-8 (5')	Soluble	Solid	DI Leach	
880-15717-48	SW-9 (5')	Soluble	Solid	DI Leach	
880-15717-49	SW-10 (3.5')	Soluble	Solid	DI Leach	
880-15717-50	SW-11 (3.5')	Soluble	Solid	DI Leach	
880-15717-51	SW-12 (2')	Soluble	Solid	DI Leach	
880-15717-52	SW-13 (2')	Soluble	Solid	DI Leach	
880-15717-53	SW-14 (2')	Soluble	Solid	DI Leach	
880-15717-54	SW-15 (2')	Soluble	Solid	DI Leach	
880-15717-55	SW-16 (4.5')	Soluble	Solid	DI Leach	
880-15717-56	SW-17 (3.5')	Soluble	Solid	DI Leach	
880-15717-57	SW-18 (5')	Soluble	Solid	DI Leach	
880-15717-58	SW-19 (2')	Soluble	Solid	DI Leach	
880-15717-59	SW-20 (2')	Soluble	Solid	DI Leach	
880-15717-60	SW-21 (2')	Soluble	Solid	DI Leach	
MB 880-27298/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27298/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27298/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15717-41 MS	SW-2 (2')	Soluble	Solid	DI Leach	
880-15717-41 MSD	SW-2 (2')	Soluble	Solid	DI Leach	
880-15717-51 MS	SW-12 (2')	Soluble	Solid	DI Leach	
880-15717-51 MSD	SW-12 (2')	Soluble	Solid	DI Leach	

Leach Batch: 27300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-61	SW-22 (2')	Soluble	Solid	DI Leach	
880-15717-62	SW-23 (3')	Soluble	Solid	DI Leach	
880-15717-63	SW-24 (1')	Soluble	Solid	DI Leach	
880-15717-64	SW-25 (1.5')	Soluble	Solid	DI Leach	
880-15717-65	SW-26 (1')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 27300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-66	SW-27 (1')	Soluble	Solid	DI Leach	
880-15717-67	SW-28 (2.5')	Soluble	Solid	DI Leach	
880-15717-68	SW-29 (1.5')	Soluble	Solid	DI Leach	
MB 880-27300/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27300/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27300/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15717-61 MS	SW-22 (2')	Soluble	Solid	DI Leach	
880-15717-61 MSD	SW-22 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 27309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-1	CS-1 (2')	Soluble	Solid	300.0	27296
880-15717-2	CS-2 (2')	Soluble	Solid	300.0	27296
880-15717-3	CS-3 (2')	Soluble	Solid	300.0	27296
880-15717-4	CS-4 (2')	Soluble	Solid	300.0	27296
880-15717-5	CS-5 (2')	Soluble	Solid	300.0	27296
880-15717-6	CS-6 (2')	Soluble	Solid	300.0	27296
880-15717-7	CS-7 (2')	Soluble	Solid	300.0	27296
880-15717-8	CS-8 (4')	Soluble	Solid	300.0	27296
880-15717-9	CS-9 (4')	Soluble	Solid	300.0	27296
880-15717-10	CS-10 (4')	Soluble	Solid	300.0	27296
880-15717-11	CS-11 (4')	Soluble	Solid	300.0	27296
880-15717-12	CS-12 (4')	Soluble	Solid	300.0	27296
880-15717-13	CS-13 (4')	Soluble	Solid	300.0	27296
880-15717-14	CS-14 (4')	Soluble	Solid	300.0	27296
880-15717-15	CS-15 (4')	Soluble	Solid	300.0	27296
880-15717-16	CS-16 (4')	Soluble	Solid	300.0	27296
880-15717-17	CS-17 (4')	Soluble	Solid	300.0	27296
880-15717-18	CS-18 (4')	Soluble	Solid	300.0	27296
880-15717-19	CS-19 (4')	Soluble	Solid	300.0	27296
880-15717-20	CS-20 (5')	Soluble	Solid	300.0	27296
MB 880-27296/1-A	Method Blank	Soluble	Solid	300.0	27296
LCS 880-27296/2-A	Lab Control Sample	Soluble	Solid	300.0	27296
LCSD 880-27296/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27296
880-15717-1 MS	CS-1 (2')	Soluble	Solid	300.0	27296
880-15717-1 MSD	CS-1 (2')	Soluble	Solid	300.0	27296
880-15717-11 MS	CS-11 (4')	Soluble	Solid	300.0	27296
880-15717-11 MSD	CS-11 (4')	Soluble	Solid	300.0	27296

Analysis Batch: 27317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-21	CS-21 (5')	Soluble	Solid	300.0	27297
880-15717-22	CS-22 (5')	Soluble	Solid	300.0	27297
880-15717-23	CS-23 (5')	Soluble	Solid	300.0	27297
880-15717-24	CS-24 (5')	Soluble	Solid	300.0	27297
880-15717-25	CS-25 (5')	Soluble	Solid	300.0	27297
880-15717-26	CS-26 (5')	Soluble	Solid	300.0	27297
880-15717-27	CS-27 (3.5')	Soluble	Solid	300.0	27297
880-15717-28	CS-28 (3.5')	Soluble	Solid	300.0	27297
880-15717-29	CS-29 (3.5')	Soluble	Solid	300.0	27297
880-15717-30	CS-30 (3.5')	Soluble	Solid	300.0	27297

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 27317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-31	CS-31 (3.5')	Soluble	Solid	300.0	27297
880-15717-32	CS-32 (4.5')	Soluble	Solid	300.0	27297
880-15717-33	CS-33 (2')	Soluble	Solid	300.0	27297
880-15717-34	CS-34 (2')	Soluble	Solid	300.0	27297
880-15717-35	CS-35 (2')	Soluble	Solid	300.0	27297
880-15717-36	CS-36 (2')	Soluble	Solid	300.0	27297
880-15717-37	CS-37 (2')	Soluble	Solid	300.0	27297
880-15717-38	CS-38 (2')	Soluble	Solid	300.0	27297
880-15717-39	CS-39 (2')	Soluble	Solid	300.0	27297
880-15717-40	SW-1 (2')	Soluble	Solid	300.0	27297
MB 880-27297/1-A	Method Blank	Soluble	Solid	300.0	27297
LCS 880-27297/2-A	Lab Control Sample	Soluble	Solid	300.0	27297
LCSD 880-27297/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27297
880-15717-21 MS	CS-21 (5')	Soluble	Solid	300.0	27297
880-15717-21 MSD	CS-21 (5')	Soluble	Solid	300.0	27297
880-15717-31 MS	CS-31 (3.5')	Soluble	Solid	300.0	27297
880-15717-31 MSD	CS-31 (3.5')	Soluble	Solid	300.0	27297

Analysis Batch: 27322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-41	SW-2 (2')	Soluble	Solid	300.0	27298
880-15717-42	SW-3 (4')	Soluble	Solid	300.0	27298
880-15717-43	SW-4 (4')	Soluble	Solid	300.0	27298
880-15717-44	SW-5 (4')	Soluble	Solid	300.0	27298
880-15717-45	SW-6 (4')	Soluble	Solid	300.0	27298
880-15717-46	SW-7 (4')	Soluble	Solid	300.0	27298
880-15717-47	SW-8 (5')	Soluble	Solid	300.0	27298
880-15717-48	SW-9 (5')	Soluble	Solid	300.0	27298
880-15717-49	SW-10 (3.5')	Soluble	Solid	300.0	27298
880-15717-50	SW-11 (3.5')	Soluble	Solid	300.0	27298
880-15717-51	SW-12 (2')	Soluble	Solid	300.0	27298
880-15717-52	SW-13 (2')	Soluble	Solid	300.0	27298
880-15717-53	SW-14 (2')	Soluble	Solid	300.0	27298
880-15717-54	SW-15 (2')	Soluble	Solid	300.0	27298
880-15717-55	SW-16 (4.5')	Soluble	Solid	300.0	27298
880-15717-56	SW-17 (3.5')	Soluble	Solid	300.0	27298
880-15717-57	SW-18 (5')	Soluble	Solid	300.0	27298
880-15717-58	SW-19 (2')	Soluble	Solid	300.0	27298
880-15717-59	SW-20 (2')	Soluble	Solid	300.0	27298
880-15717-60	SW-21 (2')	Soluble	Solid	300.0	27298
MB 880-27298/1-A	Method Blank	Soluble	Solid	300.0	27298
LCS 880-27298/2-A	Lab Control Sample	Soluble	Solid	300.0	27298
LCSD 880-27298/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27298
880-15717-41 MS	SW-2 (2')	Soluble	Solid	300.0	27298
880-15717-41 MSD	SW-2 (2')	Soluble	Solid	300.0	27298
880-15717-51 MS	SW-12 (2')	Soluble	Solid	300.0	27298
880-15717-51 MSD	SW-12 (2')	Soluble	Solid	300.0	27298

Analysis Batch: 27324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-61	SW-22 (2')	Soluble	Solid	300.0	27300

QC Association Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 27324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15717-62	SW-23 (3')	Soluble	Solid	300.0	27300
880-15717-63	SW-24 (1')	Soluble	Solid	300.0	27300
880-15717-64	SW-25 (1.5')	Soluble	Solid	300.0	27300
880-15717-65	SW-26 (1')	Soluble	Solid	300.0	27300
880-15717-66	SW-27 (1')	Soluble	Solid	300.0	27300
880-15717-67	SW-28 (2.5')	Soluble	Solid	300.0	27300
880-15717-68	SW-29 (1.5')	Soluble	Solid	300.0	27300
MB 880-27300/1-A	Method Blank	Soluble	Solid	300.0	27300
LCS 880-27300/2-A	Lab Control Sample	Soluble	Solid	300.0	27300
LCSD 880-27300/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27300
880-15717-61 MS	SW-22 (2')	Soluble	Solid	300.0	27300
880-15717-61 MSD	SW-22 (2')	Soluble	Solid	300.0	27300

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 18:24	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 21:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 14:48	CH	XEN MID

Client Sample ID: CS-2 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 18:44	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 22:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 15:16	CH	XEN MID

Client Sample ID: CS-3 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 19:05	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 23:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 15:25	CH	XEN MID

Client Sample ID: CS-4 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 19:25	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-4
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			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 23:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 15:34	CH	XEN MID

Client Sample ID: CS-5 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-5
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			5.00 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 19:46	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 23:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 15:43	CH	XEN MID

Client Sample ID: CS-6 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-6
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			5.03 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 20:06	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 00:12	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 16:11	CH	XEN MID

Client Sample ID: CS-7 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-7
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			4.99 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 20:27	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 00:35	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-7
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	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 16:20	CH	XEN MID

Client Sample ID: CS-8 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-8
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			4.95 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 20:47	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 00:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 16:29	CH	XEN MID

Client Sample ID: CS-9 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-9
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			4.96 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 21:07	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 01:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 16:39	CH	XEN MID

Client Sample ID: CS-10 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-10
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			4.99 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 21:28	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 01:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 16:48	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-11
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			5.05 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 23:19	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 16:57	CH	XEN MID

Client Sample ID: CS-12 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-12
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			4.98 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/10/22 23:39	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 02:49	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 17:25	CH	XEN MID

Client Sample ID: CS-13 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-13
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			4.95 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 00:00	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 03:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 17:34	CH	XEN MID

Client Sample ID: CS-14 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-14
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			4.97 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 00:20	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-14
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			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 03:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 18:02	CH	XEN MID

Client Sample ID: CS-15 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-15
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			5.00 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 00:41	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 03:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 18:11	CH	XEN MID

Client Sample ID: CS-16 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-16
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			4.99 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 01:01	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 04:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 18:20	CH	XEN MID

Client Sample ID: CS-17 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-17
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			5.02 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 01:22	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 04:39	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 18:29	CH	XEN MID

Client Sample ID: CS-18 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 01:42	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 05:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 18:38	CH	XEN MID

Client Sample ID: CS-19 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 02:03	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 05:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 18:48	CH	XEN MID

Client Sample ID: CS-20 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27253	06/10/22 08:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 02:23	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27256	06/10/22 09:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/11/22 05:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27296	06/10/22 11:20	SC	XEN MID
Soluble	Analysis	300.0		1			27309	06/10/22 18:57	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 06:01	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 21:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 19:34	CH	XEN MID

Client Sample ID: CS-22 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 06:22	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 22:44	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 19:57	CH	XEN MID

Client Sample ID: CS-23 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 06:42	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 23:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 20:05	CH	XEN MID

Client Sample ID: CS-24 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 07:03	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-24 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-24
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			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 23:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 20:13	CH	XEN MID

Client Sample ID: CS-25 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-25
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			5.00 g	5 mL	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 07:23	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 23:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 20:21	CH	XEN MID

Client Sample ID: CS-26 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 07:43	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 00:12	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 20:44	CH	XEN MID

Client Sample ID: CS-27 (3.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-27
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			5.04 g	5 mL	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 08:04	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 00:35	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (3.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 20:52	CH	XEN MID

Client Sample ID: CS-28 (3.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-28
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	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 08:24	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 00:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 21:00	CH	XEN MID

Client Sample ID: CS-29 (3.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-29
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	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 08:45	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 01:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 21:08	CH	XEN MID

Client Sample ID: CS-30 (3.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-30
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			4.96 g	5 mL	27254	06/10/22 08:59	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27289	06/11/22 09:05	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 01:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27297	06/10/22 11:22	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 21:16	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (3.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-31
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			4.99 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 07:01	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 21:24	CH	XEN MID

Client Sample ID: CS-32 (4.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 07:22	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 02:49	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 21:47	CH	XEN MID

Client Sample ID: CS-33 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-33
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			5.01 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 07:42	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 03:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 21:55	CH	XEN MID

Client Sample ID: CS-34 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 08:03	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-34
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			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 03:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 22:19	CH	XEN MID

Client Sample ID: CS-35 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-35
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			5.03 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 08:23	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 03:55	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 22:26	CH	XEN MID

Client Sample ID: CS-36 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-36
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			5.00 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 08:44	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 04:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 22:34	CH	XEN MID

Client Sample ID: CS-37 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-37
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			4.99 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 09:04	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 04:39	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-37
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			5.05 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 22:42	CH	XEN MID

Client Sample ID: CS-38 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 09:25	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 05:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 22:50	CH	XEN MID

Client Sample ID: CS-39 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-39
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			4.97 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 09:45	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 05:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 22:58	CH	XEN MID

Client Sample ID: SW-1 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-40
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			5.01 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 10:06	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27257	06/10/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/11/22 05:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27297	06/10/22 11:23	SC	XEN MID
Soluble	Analysis	300.0		1			27317	06/10/22 23:06	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (2')

Lab Sample ID: 880-15717-41
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/11/22 21:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 21:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 00:08	CH	XEN MID

Client Sample ID: SW-3 (4')

Lab Sample ID: 880-15717-42
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/11/22 21:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 22:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 00:32	CH	XEN MID

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-15717-43
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/11/22 22:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 22:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 00:40	CH	XEN MID

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-15717-44
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/11/22 22:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 22:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 00:48	CH	XEN MID

Client Sample ID: SW-6 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/11/22 22:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 23:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 00:55	CH	XEN MID

Client Sample ID: SW-7 (4')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/11/22 23:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 23:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 01:19	CH	XEN MID

Client Sample ID: SW-8 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/11/22 23:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 00:05	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-47
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			5.03 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 01:27	CH	XEN MID

Client Sample ID: SW-9 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-48
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			5.02 g	5 mL	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/11/22 23:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 00:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 01:35	CH	XEN MID

Client Sample ID: SW-10 (3.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/12/22 00:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 00:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 01:43	CH	XEN MID

Client Sample ID: SW-11 (3.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-50
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			4.98 g	5 mL	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27337	06/12/22 00:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 01:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 01:50	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-12 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-51
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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/12/22 23:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 01:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 01:58	CH	XEN MID

Client Sample ID: SW-13 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-52
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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/12/22 23:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 02:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 02:22	CH	XEN MID

Client Sample ID: SW-14 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-53
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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/12/22 23:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 02:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 02:30	CH	XEN MID

Client Sample ID: SW-15 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 00:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-15717-54
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 03:04	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 02:54	CH	XEN MID

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-15717-55
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 00:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 03:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 03:01	CH	XEN MID

Client Sample ID: SW-17 (3.5')

Lab Sample ID: 880-15717-56
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 01:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 03:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 03:09	CH	XEN MID

Client Sample ID: SW-18 (5')

Lab Sample ID: 880-15717-57
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 01:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 04:10	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-57
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 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 03:17	CH	XEN MID

Client Sample ID: SW-19 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-58
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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 01:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 04:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 03:25	CH	XEN MID

Client Sample ID: SW-20 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-59
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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 02:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 04:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 03:33	CH	XEN MID

Client Sample ID: SW-21 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-60
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	27255	06/10/22 09:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 02:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27258	06/10/22 09:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/11/22 05:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27298	06/10/22 11:26	SC	XEN MID
Soluble	Analysis	300.0		1			27322	06/11/22 03:41	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-22 (2')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-61
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	8021B		1	5 mL	5 mL	27350	06/13/22 05:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/10/22 21:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27300	06/10/22 11:35	SC	XEN MID
Soluble	Analysis	300.0		1			27324	06/11/22 01:34	CH	XEN MID

Client Sample ID: SW-23 (3')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-62
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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 05:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/10/22 22:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27300	06/10/22 11:35	SC	XEN MID
Soluble	Analysis	300.0		1			27324	06/11/22 02:02	CH	XEN MID

Client Sample ID: SW-24 (1')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-63
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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 06:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/10/22 22:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27300	06/10/22 11:36	SC	XEN MID
Soluble	Analysis	300.0		1			27324	06/11/22 02:11	CH	XEN MID

Client Sample ID: SW-25 (1.5')
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

Lab Sample ID: 880-15717-64
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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 06:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-25 (1.5')

Lab Sample ID: 880-15717-64
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/10/22 22:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27300	06/10/22 11:36	SC	XEN MID
Soluble	Analysis	300.0		1			27324	06/11/22 02:20	CH	XEN MID

Client Sample ID: SW-26 (1')

Lab Sample ID: 880-15717-65
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 06:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/10/22 23:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27300	06/10/22 11:36	SC	XEN MID
Soluble	Analysis	300.0		1			27324	06/11/22 02:29	CH	XEN MID

Client Sample ID: SW-27 (1')

Lab Sample ID: 880-15717-66
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 07:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/10/22 23:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27300	06/10/22 11:36	SC	XEN MID
Soluble	Analysis	300.0		1			27324	06/11/22 02:57	CH	XEN MID

Client Sample ID: SW-28 (2.5')

Lab Sample ID: 880-15717-67
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:03

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 07:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/11/22 00:05	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Client Sample ID: SW-28 (2.5')

Lab Sample ID: 880-15717-67
Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:03

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 g	50 mL	27300	06/10/22 11:36	SC	XEN MID
Soluble	Analysis	300.0		1			27324	06/11/22 03:06	CH	XEN MID

Client Sample ID: SW-29 (1.5')

Lab Sample ID: 880-15717-68
Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:03

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 07:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27417	06/13/22 11:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27366	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/11/22 00:27	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27300	06/10/22 11:36	SC	XEN MID
Soluble	Analysis	300.0		1			27324	06/11/22 03:15	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
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	T104704400-21-22	06-30-22

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)
8021B		Solid	Benzene
8021B		Solid	Ethylbenzene
8021B		Solid	m-Xylene & p-Xylene
8021B		Solid	o-Xylene
8021B		Solid	Toluene
8021B		Solid	Xylenes, Total
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: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Sample Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15717-1	CS-1 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-2	CS-2 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-3	CS-3 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-4	CS-4 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-5	CS-5 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-6	CS-6 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-7	CS-7 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-8	CS-8 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-9	CS-9 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-10	CS-10 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-11	CS-11 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-12	CS-12 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-13	CS-13 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-14	CS-14 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-15	CS-15 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-16	CS-16 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-17	CS-17 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-18	CS-18 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-19	CS-19 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-20	CS-20 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-21	CS-21 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-22	CS-22 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-23	CS-23 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-24	CS-24 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-25	CS-25 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-26	CS-26 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-27	CS-27 (3.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-28	CS-28 (3.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-29	CS-29 (3.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-30	CS-30 (3.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-31	CS-31 (3.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-32	CS-32 (4.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-33	CS-33 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-34	CS-34 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-35	CS-35 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-36	CS-36 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-37	CS-37 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-38	CS-38 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-39	CS-39 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-40	SW-1 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-41	SW-2 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-42	SW-3 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-43	SW-4 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-44	SW-5 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-45	SW-6 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-46	SW-7 (4')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-47	SW-8 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-48	SW-9 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-49	SW-10 (3.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-50	SW-11 (3.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-51	SW-12 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-52	SW-13 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-53	SW-14 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-54	SW-15 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-55	SW-16 (4.5')	Solid	06/09/22 00:00	06/10/22 08:03

Sample Summary

Client: Carmona Resources
Project/Site: Driver 14 FC CTB

Job ID: 880-15717-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15717-56	SW-17 (3.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-57	SW-18 (5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-58	SW-19 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-59	SW-20 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-60	SW-21 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-61	SW-22 (2')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-62	SW-23 (3')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-63	SW-24 (1')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-64	SW-25 (1.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-65	SW-26 (1')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-66	SW-27 (1')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-67	SW-28 (2.5')	Solid	06/09/22 00:00	06/10/22 08:03
880-15717-68	SW-29 (1.5')	Solid	06/09/22 00:00	06/10/22 08:03

Work Order No: 15717

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hrs
Sampler's Name	CM		
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	-.3
Sample Custody Seals	Yes No (N/A)	Temperature Reading	.3
Total Containers		Corrected Temperature	.1

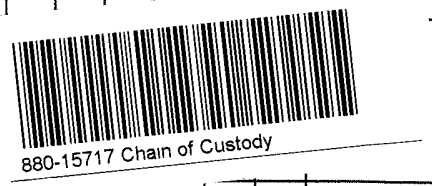
ANALYSIS REQUEST

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
CS-1 (2')	6/9/2022		X		C	1		X	X	X
CS-2 (2')	6/9/2022		X		C	1		X	X	X
CS-3 (2')	6/9/2022		X		C	1		X	X	X
CS-4 (2')	6/9/2022		X		C	1		X	X	X
CS-5 (2')	6/9/2022		X		C	1		X	X	X
CS-6 (2')	6/9/2022		X		C	1		X	X	X
CS-7 (2')	6/9/2022		X		C	1		X	X	X
CS-8 (4')	6/9/2022		X		C	1		X	X	X
CS-9 (4')	6/9/2022		X		C	1		X	X	X
CS-10 (4')	6/9/2022		X		C	1		X	X	X

Sample Comments



Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	6/10/22 8:04	Leticia P	

Work Order No: 15717

Page 2 of 7

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hrs
Sampler's Name	CM		
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
CS-11 (4')	6/9/2022		X		C	1		X	X	X	
CS-12 (4')	6/9/2022		X		C	1		X	X	X	
CS-13 (4')	6/9/2022		X		C	1		X	X	X	
CS-14 (4')	6/9/2022		X		C	1		X	X	X	
CS-15 (4')	6/9/2022		X		C	1		X	X	X	
CS-16 (4')	6/9/2022		X		C	1		X	X	X	
CS-17 (4')	6/9/2022		X		C	1		X	X	X	
CS-18 (4')	6/9/2022		X		C	1		X	X	X	
CS-19 (4')	6/9/2022		X		C	1		X	X	X	
CS-20 (5')	6/9/2022		X		C	1		X	X	X	

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	6/10/22 8:04	Leticia	

Work Order No: 15717

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24Hrs
Sampler's Name	CM		
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
CS-21 (5')	6/9/2022		X		C	1		X	X	X	
CS-22 (5')	6/9/2022		X		C	1		X	X	X	
CS-23 (5')	6/9/2022		X		C	1		X	X	X	
CS-24 (5')	6/9/2022		X		C	1		X	X	X	
CS-25 (5')	6/9/2022		X		C	1		X	X	X	
CS-26 (5')	6/9/2022		X		C	1		X	X	X	
CS-27 (3 5')	6/9/2022		X		C	1		X	X	X	
CS-28 (3 5')	6/9/2022		X		C	1		X	X	X	
CS-29 (3 5')	6/9/2022		X		C	1		X	X	X	
CS-30 (3 5')	6/9/2022		X		C	1		X	X	X	

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	6/10/22 804	Leticia R	

Work Order No: 15717

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hrs
Sampler's Name	CM		
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
CS-31 (3 5')	6/9/2022		X		C	1		X	X	X	
CS-32 (4 5')	6/9/2022		X		C	1		X	X	X	
CS-33 (2')	6/9/2022		X		C	1		X	X	X	
CS-34 (2')	6/9/2022		X		C	1		X	X	X	
CS-35 (2')	6/9/2022		X		C	1		X	X	X	
CS-36 (2')	6/9/2022		X		C	1		X	X	X	
CS-37 (2')	6/9/2022		X		C	1		X	X	X	
CS-38 (2')	6/9/2022		X		C	1		X	X	X	
CS-39 (2')	6/9/2022		X		C	1		X	X	X	
SW-1 (2')	6/9/2022		X		C	1		X	X	X	

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	6/10/22 8:04	Utician R	

Work Order No: 15717

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hrs
Sampler's Name	CM		
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
SW-2 (2')	6/9/2022		X		C	1		X	X	X	
SW-3 (4')	6/9/2022		X		C	1		X	X	X	
SW-4 (4')	6/9/2022		X		C	1		X	X	X	
SW-5 (4')	6/9/2022		X		C	1		X	X	X	
SW-6 (4')	6/9/2022		X		C	1		X	X	X	
SW-7 (4')	6/9/2022		X		C	1		X	X	X	
SW-8 (5')	6/9/2022		X		C	1		X	X	X	
SW-9 (5')	6/9/2022		X		C	1		X	X	X	
SW-10 (3 5')	6/9/2022		X		C	1		X	X	X	
SW-11 (3 5')	6/9/2022		X		C	1		X	X	X	

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	06/10/22. 8:04	Utica R	

Work Order No: 15717

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address.	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone.	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hrs
Sampler's Name.	CM		
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
SW-12 (2')	6/9/2022		X		C	1		X	X	X	
SW-13 (2')	6/9/2022		X		C	1		X	X	X	
SW-14 (2')	6/9/2022		X		C	1		X	X	X	
SW-15 (2')	6/9/2022		X		C	1		X	X	X	
SW-16 (4 5')	6/9/2022		X		C	1		X	X	X	
SW-17 (3 5')	6/9/2022		X		C	1		X	X	X	
SW-18 (5')	6/9/2022		X		C	1		X	X	X	
SW-19 (2')	6/9/2022		X		C	1		X	X	X	
SW-20 (2')	6/9/2022		X		C	1		X	X	X	

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	6/10/22 804	Alicia R	

Work Order No: 15717

Page 7 of 7

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

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	Driver 14 FC CTB	Turn Around	
Project Number	1069	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hrs
Sampler's Name	CM		
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
SW-21 (2')	6/9/2022		X		C	1		X	X	X	
SW-22 (2')	6/9/2022		X		C	1		X	X	X	
SW-23 (3')	6/9/2022		X		C	1		X	X	X	
SW-24 (1')	6/9/2022		X		C	1		X	X	X	
SW-25 (1 5')	6/9/2022		X		C	1		X	X	X	
SW-26 (1')	6/9/2022		X		C	1		X	X	X	
SW-27 (1')	6/9/2022		X		C	1		X	X	X	
SW-28 (2 5')	6/9/2022		X		C	1		X	X	X	
SW-29 (1 5')	6/9/2022		X		C	1		X	X	X	

Loc: 880
15717

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	6/10/22 8:00	Leticia R	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15717-1
SDG Number: Lea County, New Mexico

Login Number: 15717
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.	False	No time on COC, logged in per container labels.
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	

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

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

CONDITIONS

Action 121422

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 121422
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/8/2022