



SITE INFORMATION

Closure Report

Rosemary Riser (03.20.2024)
Incident ID: NAPP2415648236
Eddy County, New Mexico
Unit B, Sec 10, T26S, R30E
32.063675°, -103.868591°

Produced Water Release

Point of Release: Pump Seal Failure
Release Date: 03.20.2024
Volume Released: 90 Barrels of Produced Water
Volume Recovered: 30 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
EOG Resources
5509 Champions Drive
Midland, TX 79706

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



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May 27, 2026

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

**Re: Closure Report
Rosemary Riser (03.20.2024)
EOG Resources, Inc
Incident # NAPP2415648236
Site Location: Unit D, S10, T26S, R30E
(Lat 32.063675°, Long -103.868591°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Rosemary Riser Spill. The site is located at 32.063675°, -103.868591° within Unit D, S10, T26S, R30E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 20, 2024, caused by a pump seal failure. It resulted in the release of ninety (90) barrels of produced water, with thirty (30) barrels of produced water recovered. Refer to Figure 3. The Notice of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, two known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.24 miles Northwest of the site in S10, T26S, R30E, and was drilled in 1959. The well has a reported depth to groundwater of 163.83' 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

On March 28, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of twelve (12) sample points (S-1 through S-12) and eight (8) horizontals (H-

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1 through H-8) were advanced to depths ranging from the surface to 2' bgs inside and surrounding the release area to assess the vertical and horizontal extent of the contamination. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix D.

Vertical Delineation

Vertical delineation was achieved for S-2, S-3, S-5, S-8, S-9, S-10, and S-12. S-1, S-4, S-6, S-7, and S-11 were not vertically delineated due to a dense, cemented geological formation ranging from 1'-2' bgs. Those areas were delineated during remediation activities. Refer to Table 1 for the analytical results.

Horizontal Delineation

All areas were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal on February 18, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of eighty-four (84) floor confirmation samples (CS-1 through CS-84), and thirty-two (32) sidewall samples (SW-1 through SW-32) 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 4500. This resulted in the removal of approximately 1,320 cubic yards, affecting approximately 15,590 square feet (sqft). Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A through 4D.

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

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The material utilized for backfill was sourced from the Baker Caliche Pit. The composite pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

On February 27, 2025, the backfilled areas were seeded via tractor drill with a depth regulator with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the vegetation process. The seed mixture used was the BLM Seed Mixture #1. Site inspections will assess the revegetation progress and evaluate the site for primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective eradication method. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. See Appendix F for the soil survey and map and Figure 5 for the reclamation areas.

Approximately 1,320 cubic yards of material were excavated and transported offsite for proper disposal.



7.0 Secondary Confirmation Sampling Activities

Following the submittal of the closure report on April 28, 2026, the NMOCD responded with the following request:

“Additional Five-point composite samples must be collected from the surface of the entire non-excavated area of concern in order to confirm no impacts remain in these areas, in order to satisfy the reclamation requirements.”

Following that request, Carmona Resources personnel returned to the site to collect five-point composite confirmation surface samples from the areas that were not excavated. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal on May 6, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of ninety-two (92) composite confirmation surface samples were collected (S-1 through CS-92) every 200 square feet to ensure no impact was left onsite and to satisfy the reclamation requirements. The non-excavated areas of S-2 & S-3 from the initial assessment measures an area of approximately 4,840 sqft and is represented by S-1 through S-25, see figure 6A. The non-excavated area of S-5 from the initial assessment measures an area of approximately 3,420 sqft and is represented by S-26 through S-44, see figure 6B. The non-excavated areas of S-8 & S-9 from the initial assessment measures an area of approximately 8,150 sqft and is represented by S-45 through S-86, see figures 6C & 6D. The non-excavated area of S-12 from the initial assessment measures an area of approximately 870 sqft and is represented by S-87 through S-92, see figure 6E.

All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The secondary confirmation surface sample locations are shown in Figure 6.

All final confirmation samples met the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 3.

8.0 Conclusions

Based on the assessment results and the final analytical data, no further actions are required at the site. EOG formally requests the closure of this incident. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona
President

Ashton Thielke
Director of Operation

FIGURES

CARMONA RESOURCES

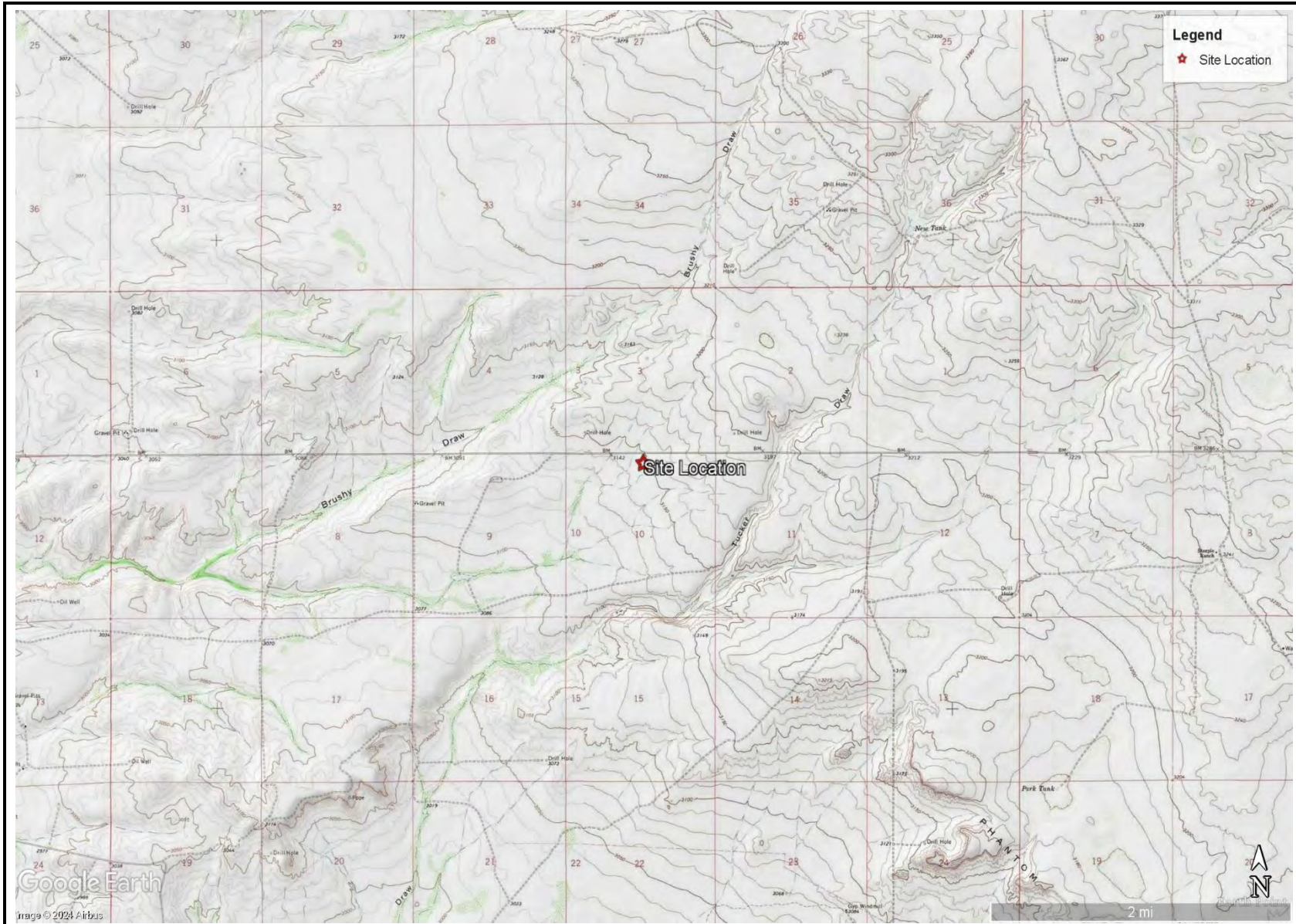




OVERVIEW MAP
EOG RESOURCES
ROSEMARY RISER SPILL
EDDY COUNTY, NEW MEXICO
32.063675°, -103.868591°



FIGURE 1



TOPOGRAPHIC MAP
EOG RESOURCES
ROSEMARY RISER SPILL
EDDY COUNTY, NEW MEXICO
32.063675°, -103.868591°



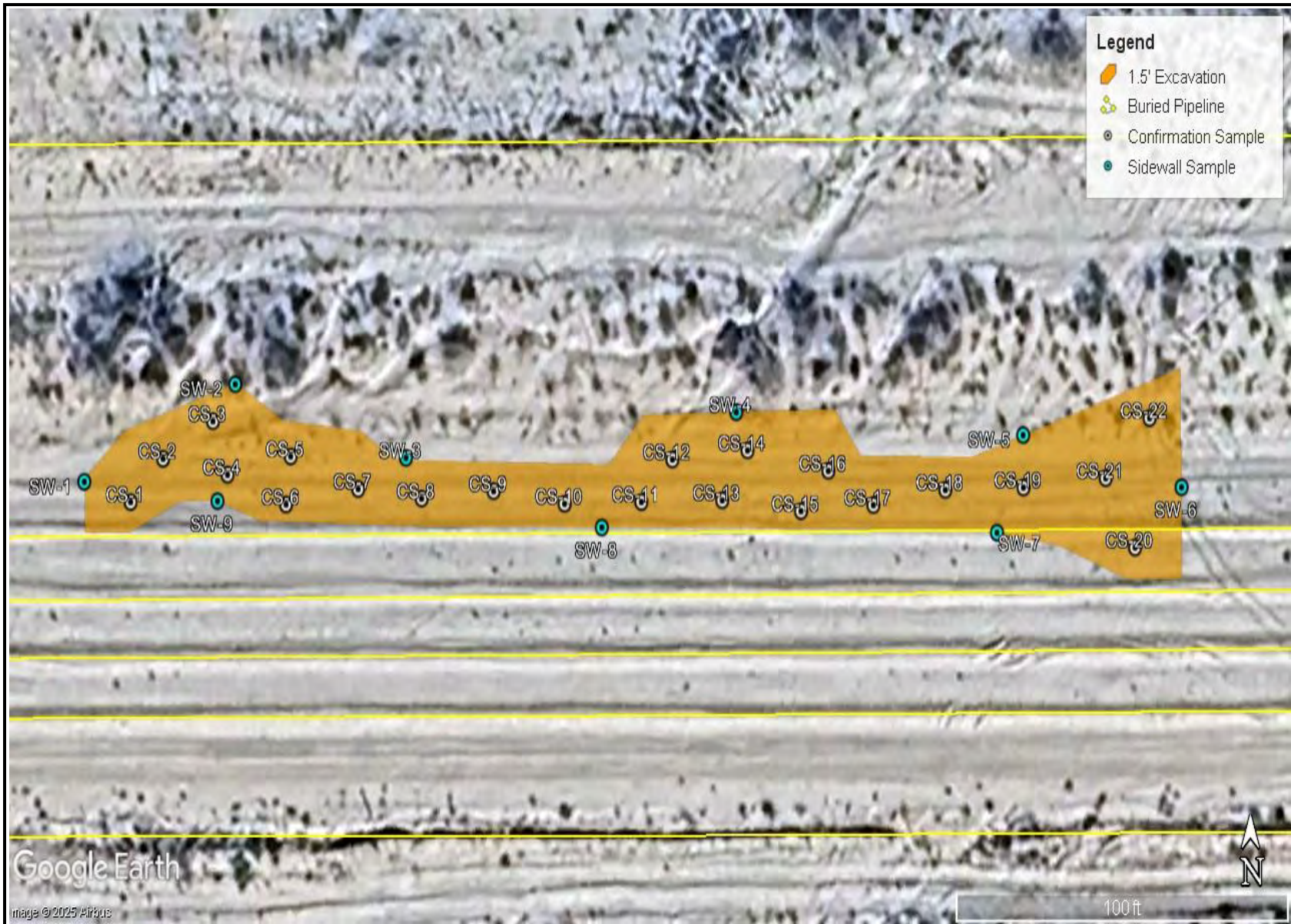
FIGURE 2




SAMPLE LOCATION MAP
EOG RESOURCES
ROSEMARY RISER SPILL
EDDY COUNTY, NEW MEXICO
32.063675°, -103.868591°




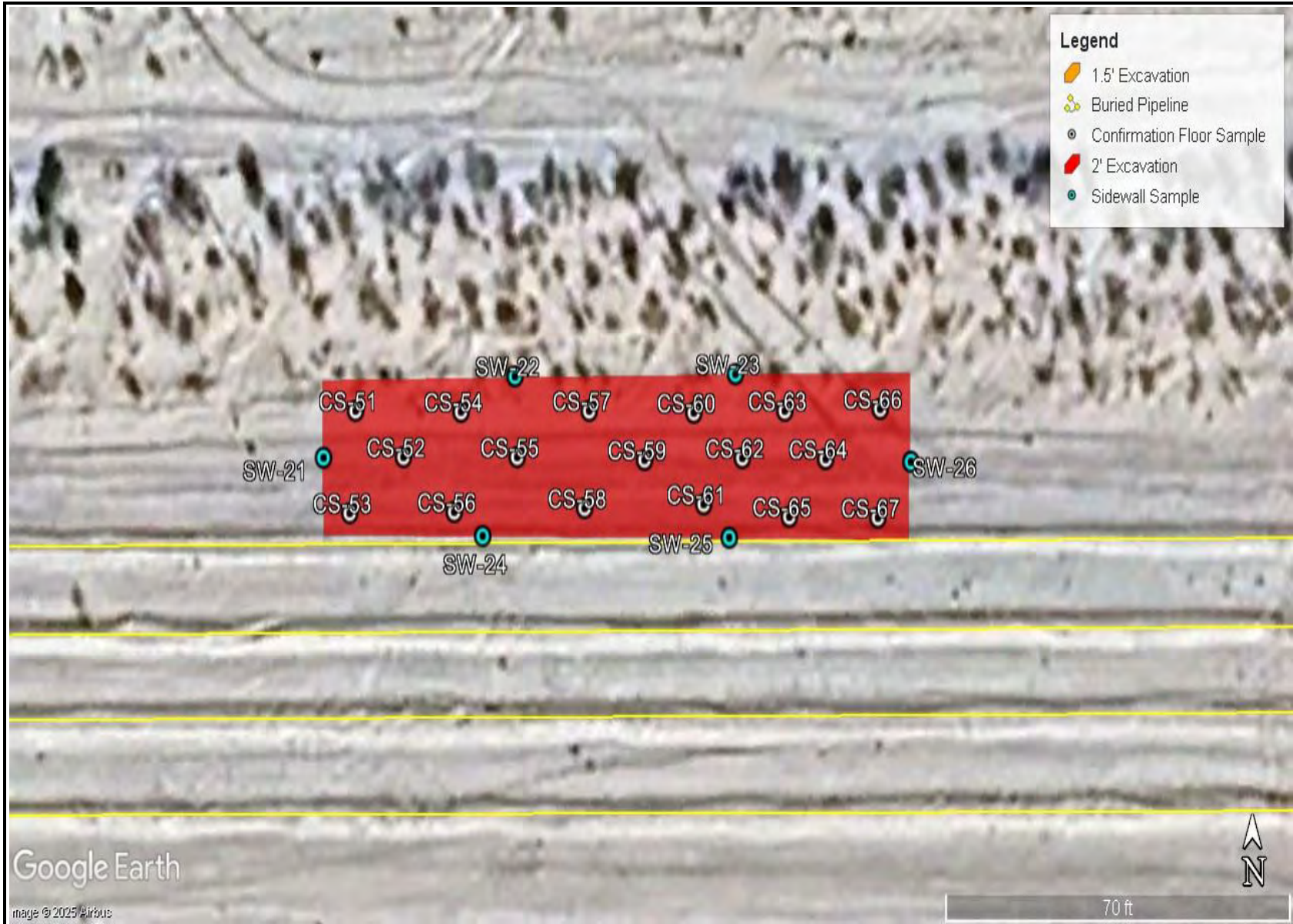
FIGURE 3




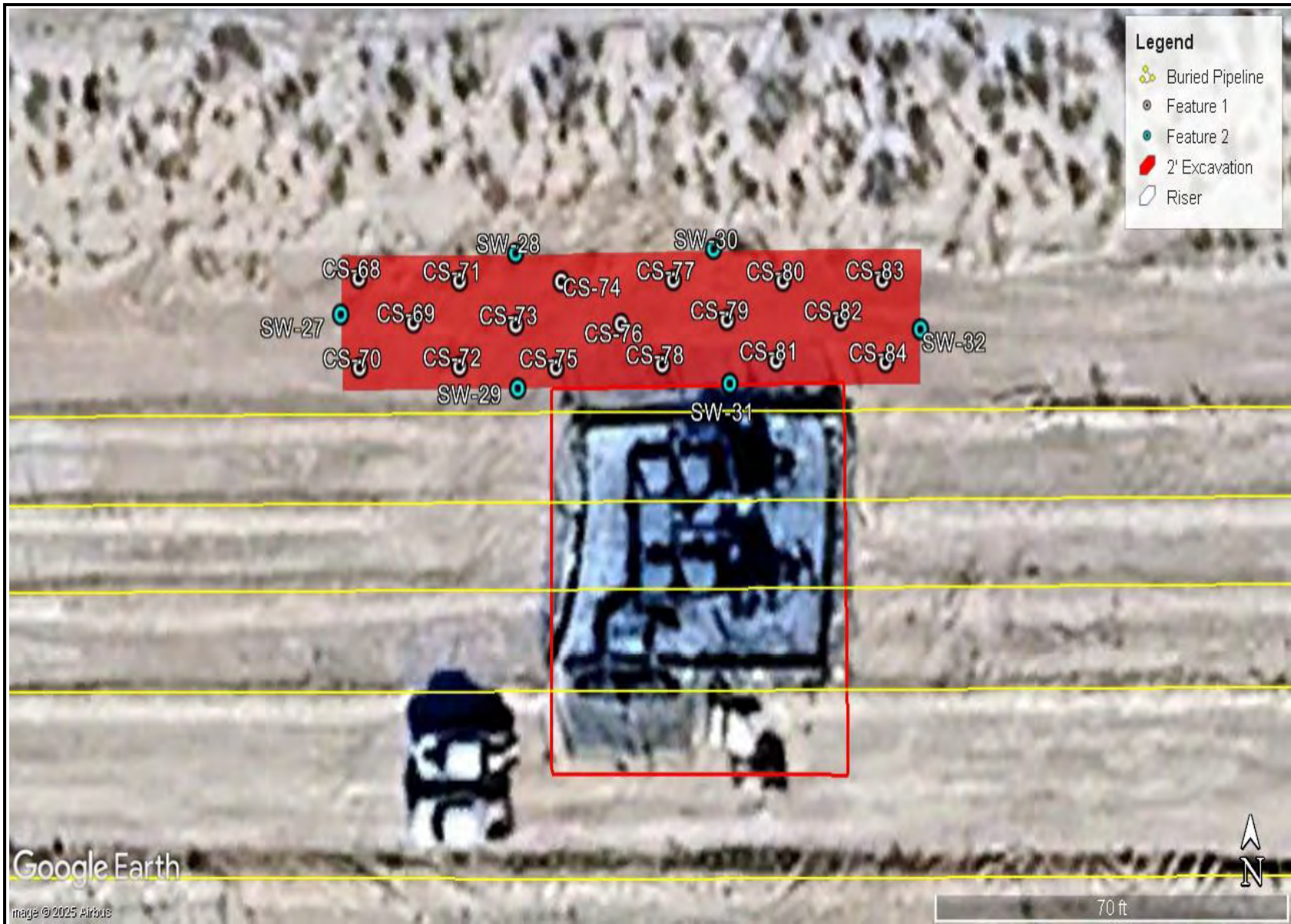
<p>EXCAVATION MAP EOG RESOURCES ROSEMARY RISER SPILL EDDY COUNTY, NEW MEXICO 32.063675°, -103.868591°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4A</p>
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<p>EXCAVATION MAP EOG RESOURCES ROSEMARY RISER SPILL EDDY COUNTY, NEW MEXICO 32.063675°, -103.868591°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4B</p>
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<p>EXCAVATION MAP EOG RESOURCES ROSEMARY RISER SPILL EDDY COUNTY, NEW MEXICO 32.063675°, -103.868591°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4C</p>
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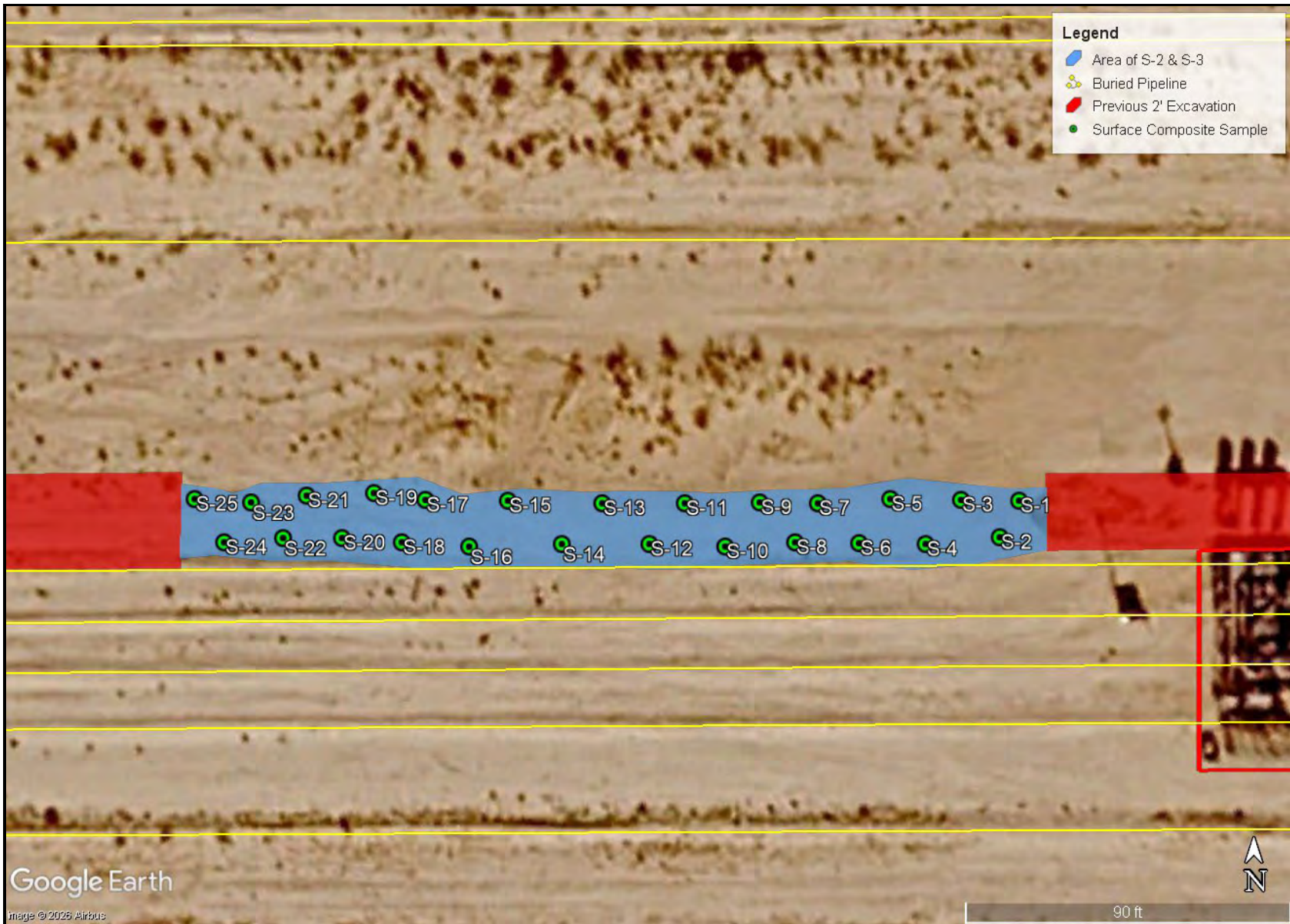
<p>EXCAVATION MAP EOG RESOURCES ROSEMARY RISER SPILL EDDY COUNTY, NEW MEXICO 32.063675°, -103.868591°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4D</p>
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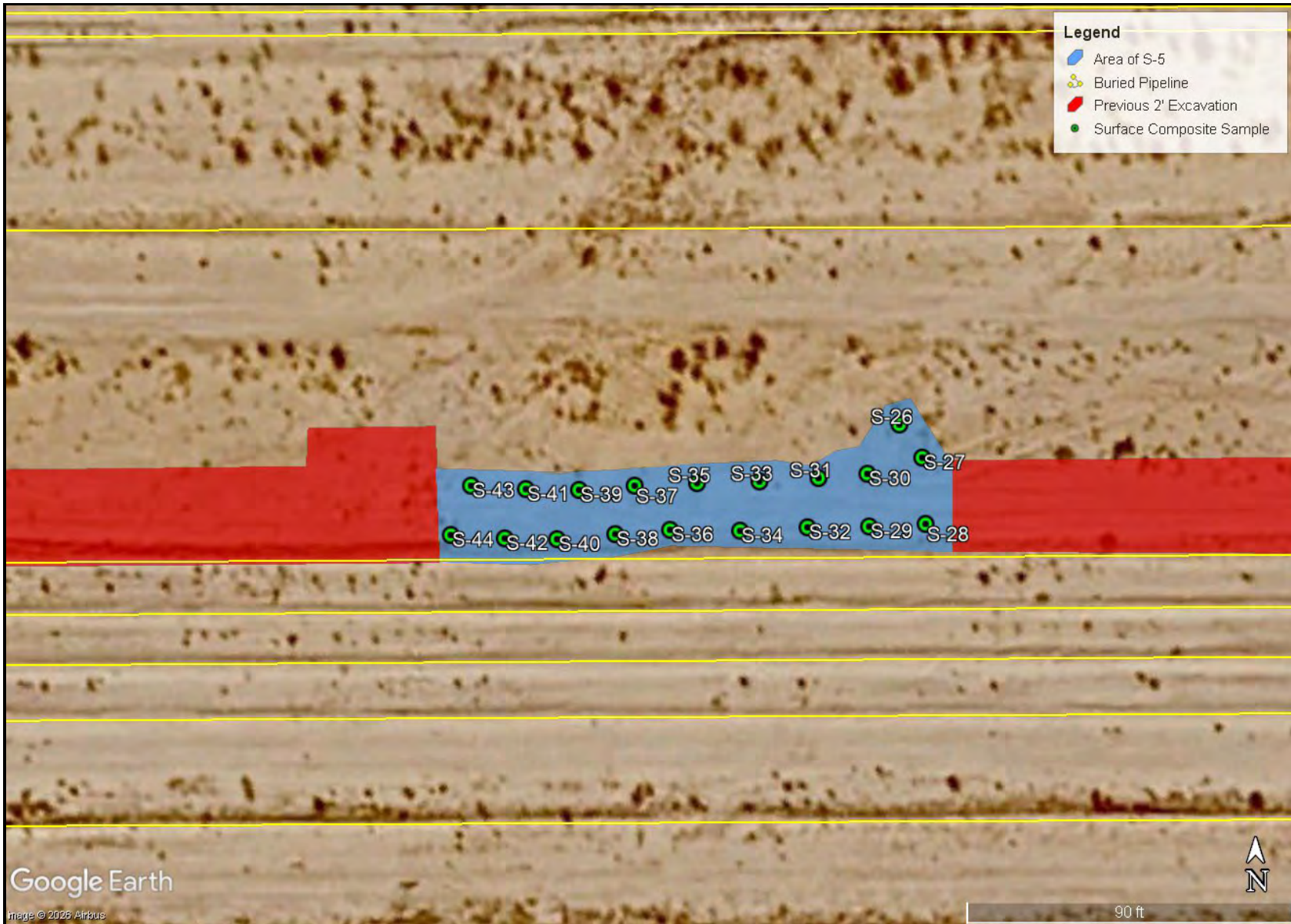
RECLAMATION MAP
EOG RESOURCES
ROSEMARY RISER SPILL
EDDY COUNTY, NEW MEXICO
32.063675°, -103.868591°



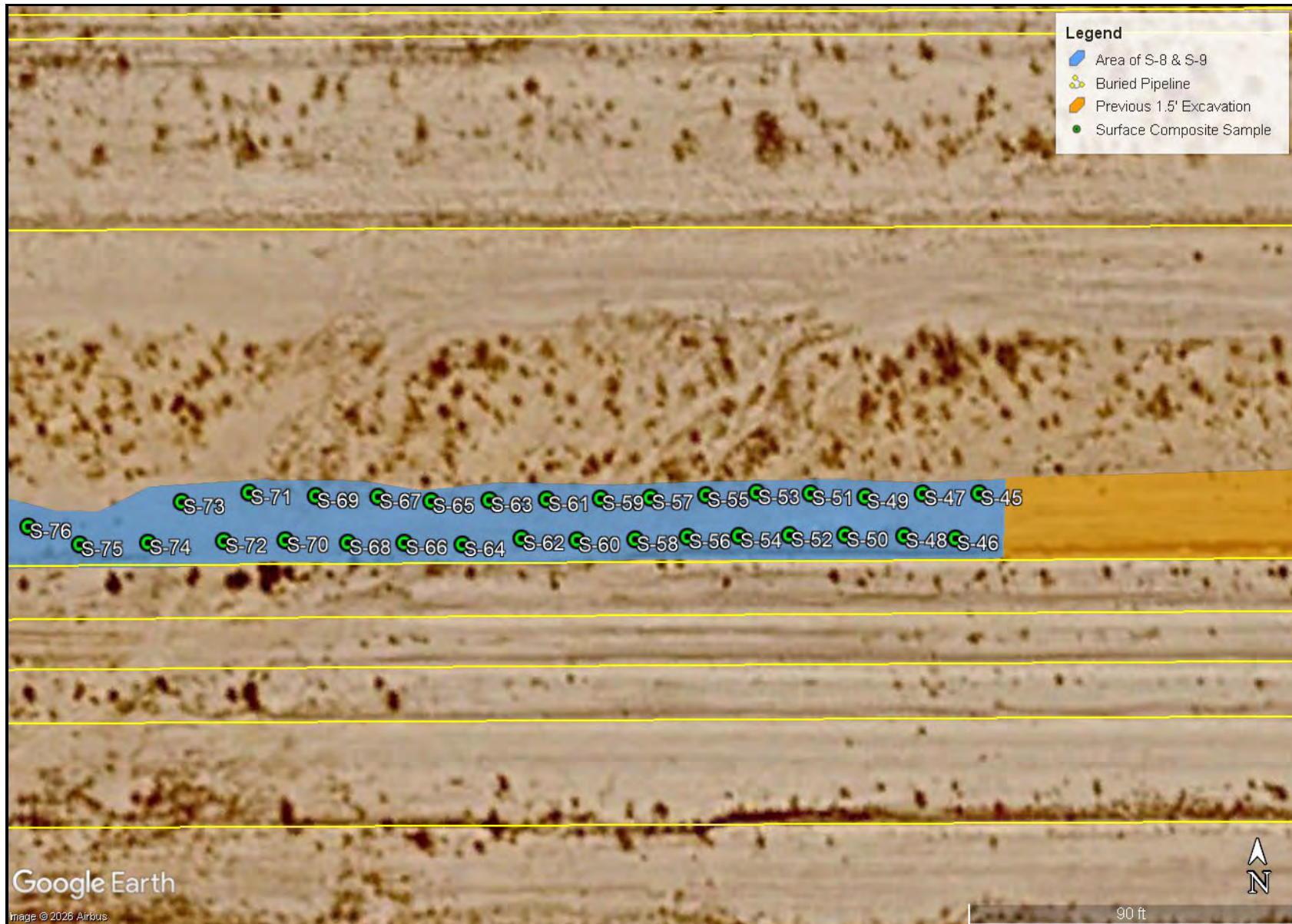
FIGURE 5



<p>SECONDARY CONFIRMATION SAMPLING EOG RESOURCES ROSEMARY RISER SPILL EDDY COUNTY, NEW MEXICO 32.063675°, -103.868591°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 6A</p>
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<p>SECONDARY CONFIRMATION SAMPLING EOG RESOURCES ROSEMARY RISER SPILL EDDY COUNTY, NEW MEXICO 32.063675°, -103.868591°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 6B</p>
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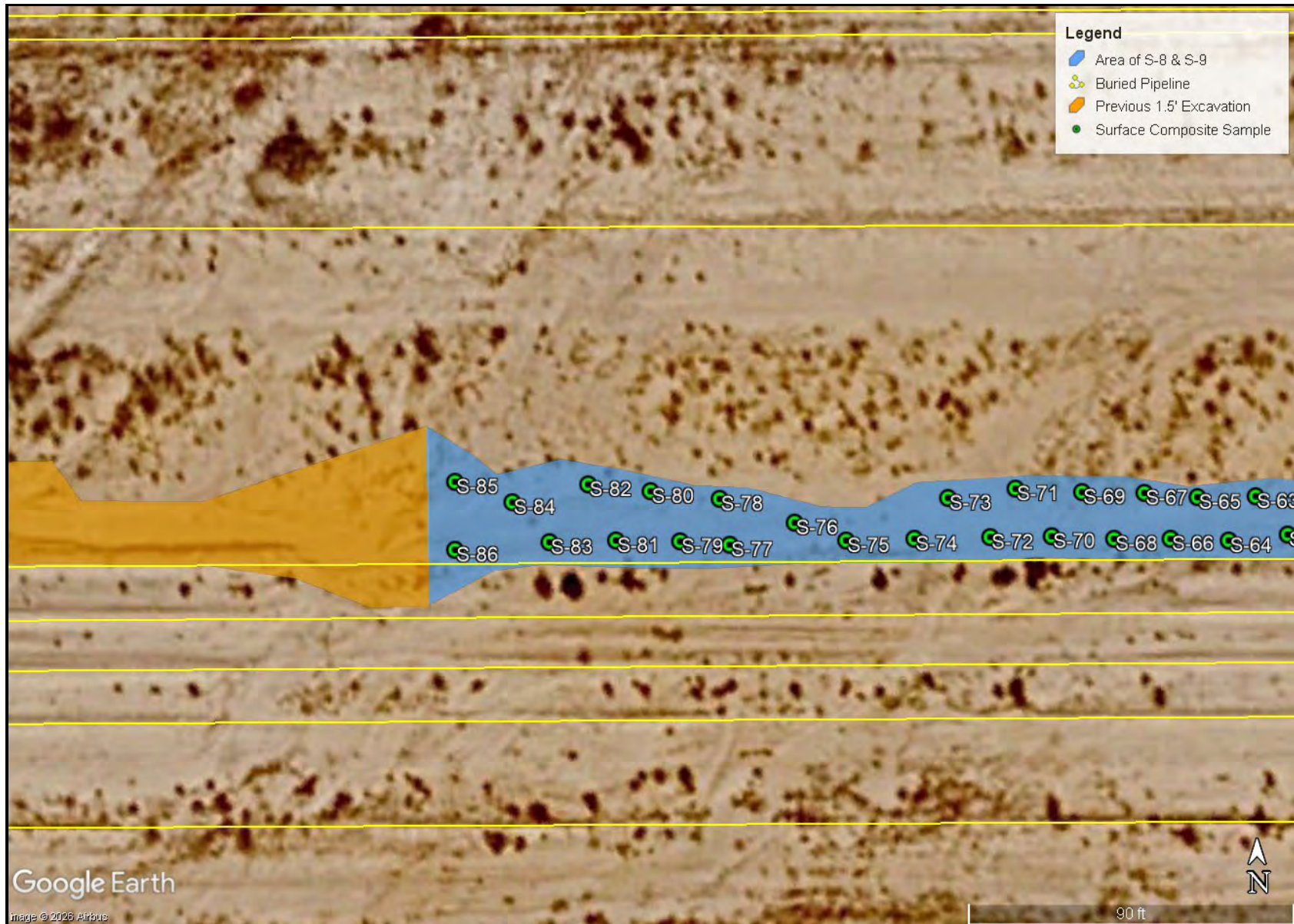


Google Earth
Image © 2026 Airbus

SECONDARY CONFIRMATION SAMPLING
EOG RESOURCES
ROSEMARY RISER SPILL
EDDY COUNTY, NEW MEXICO
32.063675°, -103.868591°




FIGURE 6C



<p>SECONDARY CONFIRMATION SAMPLING EOG RESOURCES ROSEMARY RISER SPILL EDDY COUNTY, NEW MEXICO 32.063675°, -103.868591°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 6D</p>
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<p>SECONDARY CONFIRMATION SAMPLING EOG RESOURCES ROSEMARY RISER SPILL EDDY COUNTY, NEW MEXICO 32.063675°, -103.868591°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 6E</p>
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APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	3/28/2024	0-1.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	671
Dense Geologic Layer												
S-2	3/28/2024	0-1.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	442
S-3	3/28/2024	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	140
S-4	3/28/2024	0-1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,780
Dense Geologic Layer												
S-5	3/28/2024	0-1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	431
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	277
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	143
S-6	3/28/2024	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.0000199	<0.0000199	<0.0000199	<0.0000398	<0.0000398	566
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	790
Dense Geologic Layer												
S-7	3/28/2024	0-1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,120
Dense Geologic Layer												
S-8	3/28/2024	0-1.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	77.0
S-9	3/28/2024	0-1.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	99.2
S-10	3/28/2024	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00332	<0.00199	<0.00398	<0.00398	1,400
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00400	<0.00201	<0.00402	<0.00402	163
	"	2.0	<50.1	<50.1	<50.1	<50.1	<0.00200	0.00426	<0.00200	<0.00401	0.00426	65.2
S-11	3/28/2024	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00346	<0.00200	<0.00399	<0.00399	1,530
Dense Geologic Layer												
S-12	3/28/2024	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00322	<0.00200	<0.00401	<0.00401	487
<i>Regulatory Criteria</i> ^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

(S) Sample Point

Removed

**Table 1
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	3/28/2024	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.1
H-2	3/28/2024	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	53.3
H-3	3/28/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	45.8
H-4	3/28/2024	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	57.0
H-5	3/28/2024	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	147
H-6	3/28/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.2
H-7	3/28/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	134
H-8	3/28/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	107
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(H) Horizontal Sample

Table 2
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-2	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-3	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-4	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-5	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-6	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-7	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-8	2/22/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-9	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-10	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-11	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-12	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-13	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-14	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-15	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-16	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-17	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-18	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-19	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-20	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-21	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-22	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-23	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-24	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-25	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
<i>Regulatory Criteria^A</i>						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 Sample

Table 2
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-27	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-28	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-29	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-30	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-31	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-32	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-33	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-34	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-35	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-36	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-37	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-38	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-39	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-40	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-41	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-42	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-43	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-44	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-45	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-46	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-47	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-48	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-49	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-50	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
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 Sample

Table 2
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-51	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-52	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-53	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-54	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-55	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-56	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-57	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-58	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-59	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-60	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-61	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-62	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-63	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-64	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-65	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-66	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-67	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-68	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-69	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-70	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-71	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-72	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-73	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-74	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-75	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
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 Sample

Table 2
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-76	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-77	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-78	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-79	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-80	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-81	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-82	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-83	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-84	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-1	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-3	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-4	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-6	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-10	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-11	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-12	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-13	2/20/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-14	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-15	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-16	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
<i>Regulatory Criteria^A</i>						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 Sample

(SW) Sidewall Sample

Table 2
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-17	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-18	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-19	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-20	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-21	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-22	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-23	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-24	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-25	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-26	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-27	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-28	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-29	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-30	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-31	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-32	2/21/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Backfill Sample	2/21/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<i>Regulatory Criteria</i> ^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
 (SW) Sidewall Sample

**Table 3
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-2	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-3	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-4	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-5	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-6	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-7	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-8	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-9	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-10	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-11	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-12	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-13	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-14	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-15	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-16	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-17	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-18	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-19	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-20	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-21	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-22	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-23	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-24	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-25	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<i>Regulatory Criteria^A</i>						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
 (S) Surface Sample Point

**Table 3
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-26	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-27	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-28	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-29	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-30	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-31	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-32	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-33	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-34	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-35	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-36	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-37	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-38	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-39	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-40	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-41	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-42	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-43	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-44	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-45	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-46	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-47	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-48	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-49	5/12/2026	-	<10.0	16.2	<10.0	16.2	<0.050	<0.050	<0.050	<0.150	<0.300	112
S-50	5/12/2026	-	<10.0	11.5	<10.0	11.5	<0.050	<0.050	<0.050	<0.150	<0.300	112
<i>Regulatory Criteria^A</i>						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

(S) Surface Sample Point

**Table 3
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-51	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-52	5/12/2026	-	<10.0	11.4	<10.0	11.4	<0.050	<0.050	<0.050	<0.150	<0.300	112
S-53	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-54	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-55	5/12/2026	-	<10.0	13.6	<10.0	13.6	<0.050	<0.050	<0.050	<0.150	<0.300	128
S-56	5/12/2026	-	<10.0	15.8	<10.0	15.8	<0.050	<0.050	<0.050	<0.150	<0.300	128
S-57	5/12/2026	-	<10.0	15.6	<10.0	15.6	<0.050	<0.050	<0.050	<0.150	<0.300	144
S-58	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-59	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-60	5/12/2026	-	<10.0	12.8	<10.0	12.8	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
S-61	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-62	5/12/2026	-	<10.0	16.2	<10.0	16.2	<0.050	<0.050	<0.050	<0.150	<0.300	112
S-63	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-64	5/12/2026	-	<10.0	14.9	<10.0	14.9	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
S-65	5/12/2026	-	<10.0	15.7	<10.0	15.7	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
S-66	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-67	5/12/2026	-	<10.0	17.6	<10.0	17.6	<0.050	<0.050	<0.050	<0.150	<0.300	112
S-68	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-69	5/12/2026	-	<10.0	17.0	<10.0	17.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
S-70	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-71	5/12/2026	-	<10.0	15.7	<10.0	15.7	<0.050	<0.050	<0.050	<0.150	<0.300	128
S-72	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-73	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-74	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-75	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<i>Regulatory Criteria^A</i>						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

(S) Surface Sample Point

**Table 3
EOG Resources
Rosemary Riser Spill
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-76	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-77	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-78	5/12/2026	-	<10.0	86.1	<10.0	86.1	<0.050	<0.050	<0.050	<0.150	<0.300	128.0
S-79	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-80	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-81	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-82	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-83	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-84	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-85	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-86	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-87	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-88	5/12/2026	-	<10.0	17.6	<10.0	17.6	<0.050	<0.050	<0.050	<0.150	<0.300	144
S-89	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-90	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-91	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-92	5/12/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<i>Regulatory Criteria</i> ^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

(S) Surface Sample Point

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

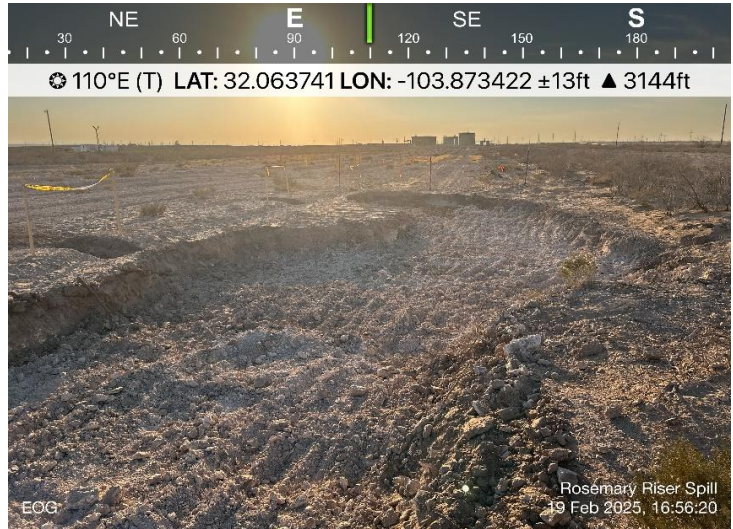
Photograph No. 1

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View East, area of CS-1 through CS-8.



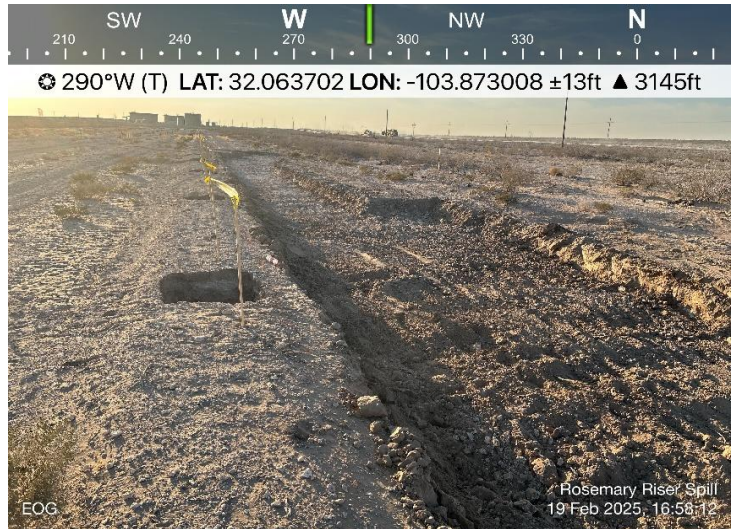
Photograph No. 2

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View East, area of CS-9 through CS-14.



Photograph No. 3

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-15 through CS-20.



PHOTOGRAPHIC LOG

EOG Resources, Inc

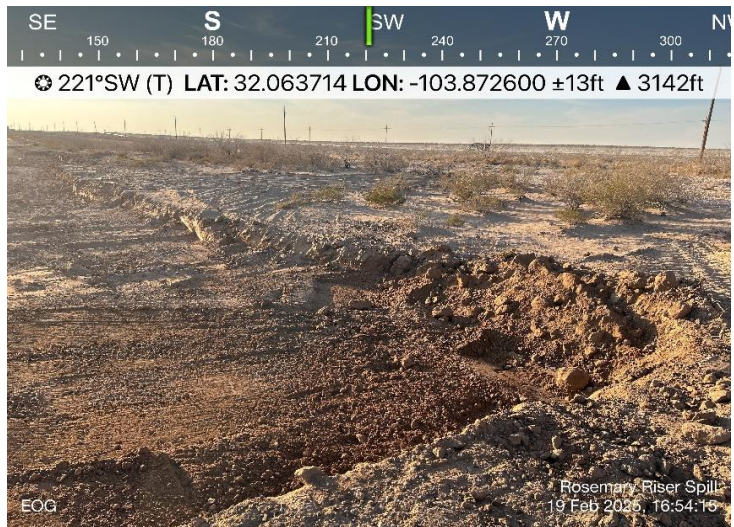
Photograph No. 4

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-21 & CS-22.



Photograph No. 5

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View Northwest, area of CS-23 through CS-31.



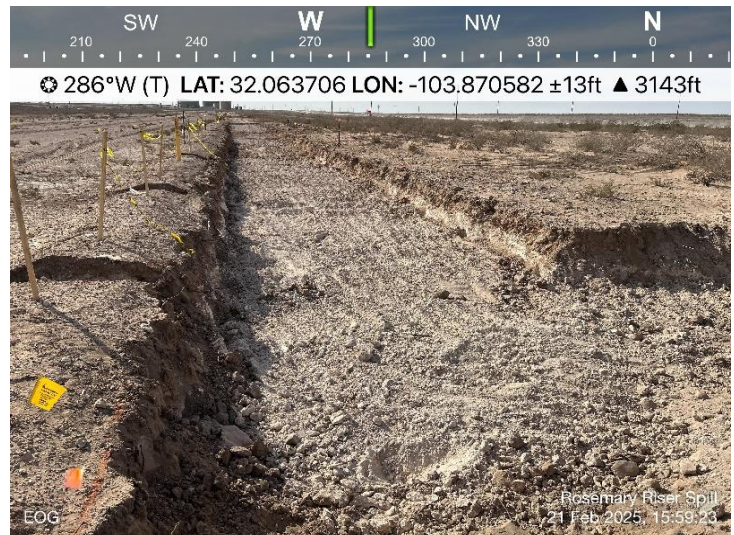
Photograph No. 6

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View West, area of CS-32 through CS-46.



PHOTOGRAPHIC LOG

EOG Resources, Inc

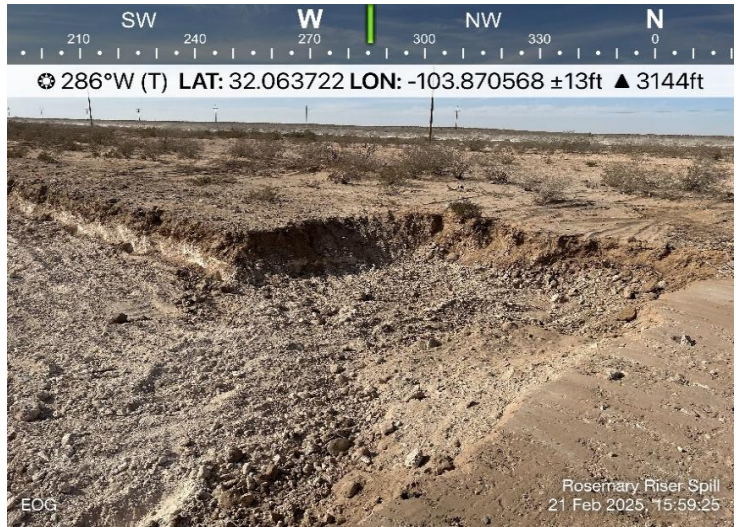
Photograph No. 7

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View West, area of CS-47 through CS-50.



Photograph No. 8

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View East, area of CS-51 through CS-67.



Photograph No. 9

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View West, area of CS-68 through CS-84.



PHOTOGRAPHIC LOG

EOG Resources, Inc

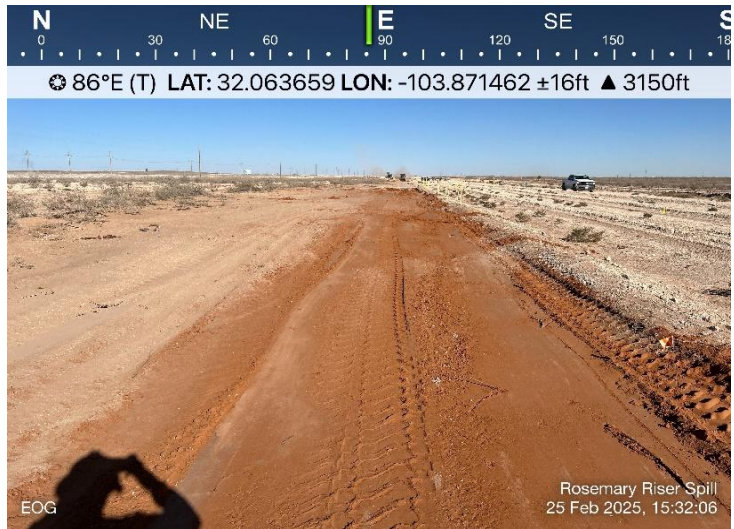
Photograph No. 10

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View Northwest of backfilled area.



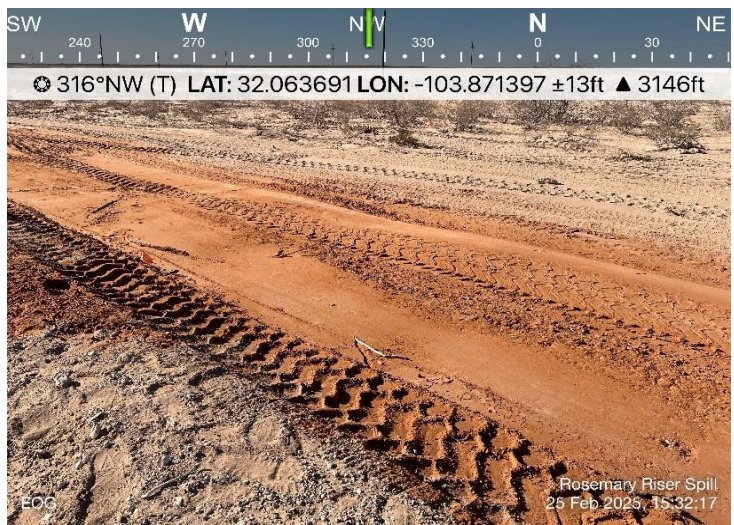
Photograph No. 11

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View West of backfilled area.



Photograph No. 12

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View West of backfilled area.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 13

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:
View Northeast of backfilled area.



Photograph No. 14

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:
View Northwest of backfilled area.

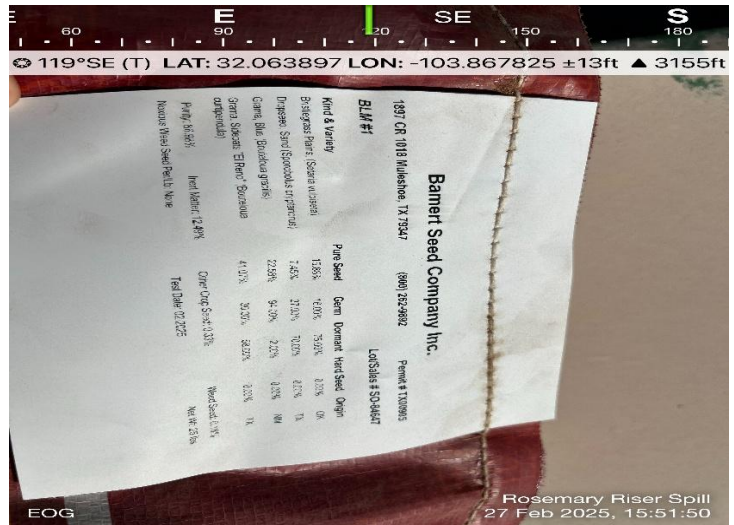


Photograph No. 15

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:
View of BLM Seed Mixture #1 utilized for site.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 16

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View Northeast of reseeding backfilled area.



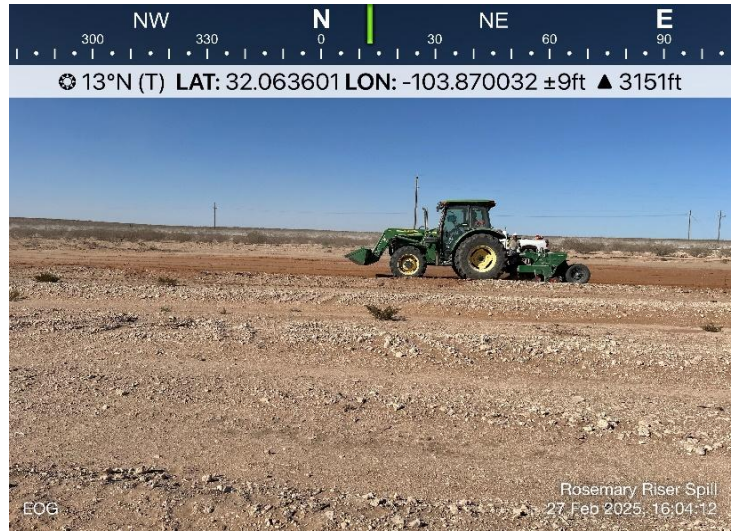
Photograph No. 17

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View North of reseeding backfilled area.



Photograph No. 18

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View North of reseeding backfilled area.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 19

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View Nothwest, of surface samples 1-25.



Photograph No. 20

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View East, of surface samples (26-44).



Photograph No. 21

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:

View East of surface samples (45-86).



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 22

Facility: Rosemary Riser Spill

County: Eddy County, New Mexico

Description:
View North, of surface samples (87-92).



APPENDIX C

CARMONA RESOURCES



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

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

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

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

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

QUESTIONS

Action 350751

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 350751
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Rosemary Riser
Date Release Discovered	03/20/2024
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 90 BBL Recovered: 30 BBL Lost: 60 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I
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 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 350751

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 350751
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Action 350751

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 350751
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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 Phone:(575) 393-6161 Fax:(575) 393-0720
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 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
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 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 350751

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 350751
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
todd wells	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/4/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 433136

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 433136
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2415648236
Incident Name	NAPP2415648236 ROSEMARY RISER @ 0
Incident Type	Produced Water Release
Incident Status	Notification Accepted

Location of Release Source	
Site Name	Rosemary Riser
Date Release Discovered	03/20/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	8,541
What is the estimated number of samples that will be gathered	59
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/20/2025
Time sampling will commence	01:00 PM
Please provide any information necessary for observers to contact samplers	Juan Rojas – 432-813-6823
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.063676, -103.874224

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Action 433136

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 433136
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/18/2025

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 433139

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 433139
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2415648236
Incident Name	NAPP2415648236 ROSEMARY RISER @ 0
Incident Type	Produced Water Release
Incident Status	Notification Accepted

Location of Release Source	
Site Name	Rosemary Riser
Date Release Discovered	03/20/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	10,972
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/21/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Juan Rojas – 432-813-6823
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.063676, -103.874224

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 433139

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 433139
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jameskennedy	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/18/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 582659

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 582659
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2415648236
Incident Name	NAPP2415648236 ROSEMARY RISER @ B-10-26S-30E
Incident Type	Produced Water Release
Incident Status	Notification Accepted

Location of Release Source	
Site Name	ROSEMARY RISER
Date Release Discovered	03/20/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	19,100
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/11/2026
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	EOG Rep - Hadlie Stout - 346-324-7612 Carmona Rep - Conner Moehring - 432-813-6823
Please provide any information necessary for navigation to sampling site	32.06377 -103.86859 sampling from 8:30 AM-4:30 PM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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CONDITIONS

Action 582659

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 582659
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/6/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/6/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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QUESTIONS

Action 582661

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 582661
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2415648236
Incident Name	NAPP2415648236 ROSEMARY RISER @ B-10-26S-30E
Incident Type	Produced Water Release
Incident Status	Notification Accepted

Location of Release Source	
Site Name	ROSEMARY RISER
Date Release Discovered	03/20/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	19,100
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/12/2026
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	EOG Rep - Hadlie Stout - 346-324-7612 Carmona Rep - Conner Moehring - 432-813-6823
Please provide any information necessary for navigation to sampling site	32.06377, -103.86859 sampling from 8:30 AM - 4:30 PM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 582661

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 582661
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/6/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/6/2026

APPENDIX D

CARMONA RESOURCES



Nearest water well

EOG Resources

Legend

-  0.24 Miles
-  0.29 Miles
-  0.50 Mile Radius
-  1.04 Miles
-  1.29 Miles
-  Groundwater Determination Bore
-  Rosemary Riser Spill
-  USGS Water Well



179.70' - Drilled 1998

163.83' - Drilled 1959

Rosemary Riser Spill

55' GWDB - 07.12.2021



55' GWDB - 08.02.2022



Medium Karst

EOG Resources

Legend

-  Medium
-  Rosemary Riser Spill



Rosemary Riser Spill





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-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04655 POD1	CUB	ED	1	2	2	16	26S	30E	605726	3546472	1664				
C 03483	C	ED	4	4	4	05	26S	30E	604296	3548251	1979	700	200	500	
C 03581 POD1	CUB	ED	4	4	4	05	26S	30E	604298	3548291	1981	800	320	480	
C 04798 POD5	CUB	ED	1	4	2	16	26S	30E	605604	3546062	2093	35			
C 04798 POD1	CUB	ED	1	4	2	16	26S	30E	605592	3546061	2097	35			
C 04798 POD3	CUB	ED	1	4	2	16	26S	30E	605595	3546056	2101	35			
C 04798 POD4	CUB	ED	1	4	2	16	26S	30E	605598	3546050	2105	35			
C 04798 POD2	CUB	ED	1	4	2	16	26S	30E	605590	3546051	2108	35			
C 04798 POD12	CUB	ED	2	3	2	16	26S	30E	605464	3545993	2205	35			
C 04798 POD11	CUB	ED	2	3	2	16	26S	30E	605461	3545989	2210	10			
C 04798 POD7	CUB	ED	2	3	2	16	26S	30E	605445	3545993	2211	35			
C 04798 POD10	CUB	ED	2	3	2	16	26S	30E	605453	3545985	2216	10			
C 04798 POD6	CUB	ED	2	3	2	16	26S	30E	605432	3545989	2220	35			
C 04798 POD9	CUB	ED	2	3	2	16	26S	30E	605453	3545978	2223	35			
C 04798 POD8	CUB	ED	2	4	1	16	26S	30E	604956	3545986	2442	35			
C 04068 POD1	CUB	ED	1	3	1	16	26S	30E	604397	3546018	2758				
C 01361	CUB	ED	3	4	3	05	26S	30E	603240	3548157	3026	775	184	591	
C 01360	CUB	ED	4	3	3	05	26S	30E	602997	3548152	3270	770	173	597	
C 03782 POD1	CUB	ED	4	3	3	28	25S	30E	604526	3551444	3815	805	277	528	

Average Depth to Water: **230 feet**
 Minimum Depth: **173 feet**
 Maximum Depth: **320 feet**

Record Count: 19

UTMNAD83 Radius Search (in meters):

Easting (X): 606265

Northing (Y): 3548048

Radius: 4000

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



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USGS Water Resources

Data Category: Geographic Area:

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320355103524001

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320355103524001 26S.30E.08.11421

Eddy County, New Mexico
Latitude 32°03'55", Longitude 103°52'40" NAD27
Land-surface elevation 3,147 feet above NAVD88
The depth of the well is 200 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) 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 of measurement
1948-12-15			D	62610	2973.44	NGVD29	P	Z		
1948-12-15			D	62611	2975.04	NAVD88	P	Z		
1948-12-15			D	72019	171.96		P	Z		
1959-02-18			D	62610	2981.57	NGVD29	1	Z		
1959-02-18			D	62611	2983.17	NAVD88	1	Z		
1959-02-18			D	72019	163.83		1	Z		

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

Section	Code	Description
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	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>




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0.29 0.25 nadww02

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	? S	
						Groundwater	New Mexico	GO

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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 =

- 320404103523101

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320404103523101 26S.30E.05.343414

Eddy County, New Mexico
 Latitude 32°04'04", Longitude 103°52'31" NAD27
 Land-surface elevation 3,173 feet above NAVD88
 The depth of the well is 775 feet below land surface.
 This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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 of measurement
1958-08-18			D	62610	2989.64	NGVD29	1	Z		
1958-08-18			D	62611	2991.25	NAVD88	1	Z		
1958-08-18			D	72019	181.75		1	Z		
1971-02-18			D	62610	2988.69	NGVD29	1	Z		
1971-02-18			D	62611	2990.30	NAVD88	1	Z		
1971-02-18			D	72019	182.70		1	Z		
1976-01-28			D	62610	2989.67	NGVD29	1	Z		
1976-01-28			D	62611	2991.28	NAVD88	1	Z		
1976-01-28			D	72019	181.72		1	Z		
1987-10-21			D	62610	2986.76	NGVD29	1	Z		
1987-10-21			D	62611	2988.37	NAVD88	1	Z		
1987-10-21			D	72019	184.63		1	Z		
1992-11-05			D	62610	2991.72	NGVD29	1	S		
1992-11-05			D	62611	2993.33	NAVD88	1	S		

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
1992-11-05	D	72019	179.67		1	S	
1998-01-28	D	62610	2991.69	NGVD29	1	S	
1998-01-28	D	62611	2993.30	NAVD88	1	S	
1998-01-28	D	72019	179.70		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
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.

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0.28 0.25 nadww02



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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OSE 011 900 6 2022 2022

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4655			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 2	SECONDS 58.26	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	52	48.37	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW NE NE Sec.16 T26S R30E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 7/28/2022	DRILLING ENDED 7/28/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 7/28/22, 8/2/22		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF FITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						


FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. <u>C-4655</u>	POD NO. <u>1</u>	TRN NO. <u>729332</u>
LOCATION <u>26S-30E-16-1-2-2</u>	WELL TAG ID NO. <u>---</u>	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, Fine-grained, poorly graded, Brown	Y ✓ N	
	4	48	44	Sand, Fine-grained, poorly graded, with caliche Tan and white	Y ✓ N	
	48	55	7	Sand, Fine-grained, poorly graded, Tan Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	Shane Eldridge, Cameron Pruitt

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Jackie D. Atkins DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO. C-4655	POD NO. 1	TRN NO. 779332	
LOCATION 265.30E.16.1.2.2.	WELL TAG ID NO. ---	PAGE 2 OF 2	



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

August 4, 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4655 Pod1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4655 Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive, flowing style.

Lucas Middleton

Enclosures: as noted above

RECEIVED AUG 8 2022 4:40 PM



Borehole ID: GWDB

Soil Drilling Log

Project Name : Banjo BNO Federal #1
 Project No. : 212C-MD-02522
 Location : Eddy County, New Mexico
 Coordinates : 32.065590°, -103.896111°
 Elevation : N/A

Date : Tuesday, July 12, 2022
 Sampler : Colton Bickerstaff
 Driller : Scarborough Drilling, Inc.
 Method : Air Rotary

Depth (ft.)	WL	Soil Description	Chloride Field Test (ppm)	Field Titration Test (ppm)
0		Brown/Light Brown Sand/Silt	509	
			284	
			256	
5			138	
		Tan Sand Silt	243	
10			342	
15				
20				
25				
30				
35				
40				
45				
50				

Depth (ft.)	WL	Soil Description	Chloride Field Test (ppm)	Field Titration Test (ppm)
50		Tan Sand Silt		
55				
		Total Depth: 55'		
60				
65				
70				
75				
80				
85				
90				
95				
100				

* H.O. = Heavy Odor * L.O. = Low Odor
 * H.S. = Heavy Staining * L.S. = Low Staining

FEMA National Flood Hazard Layer (NFHL)



FEMA flood layer

0.3mi

Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

FEMA National Flood Hazard Layer (NFHL)

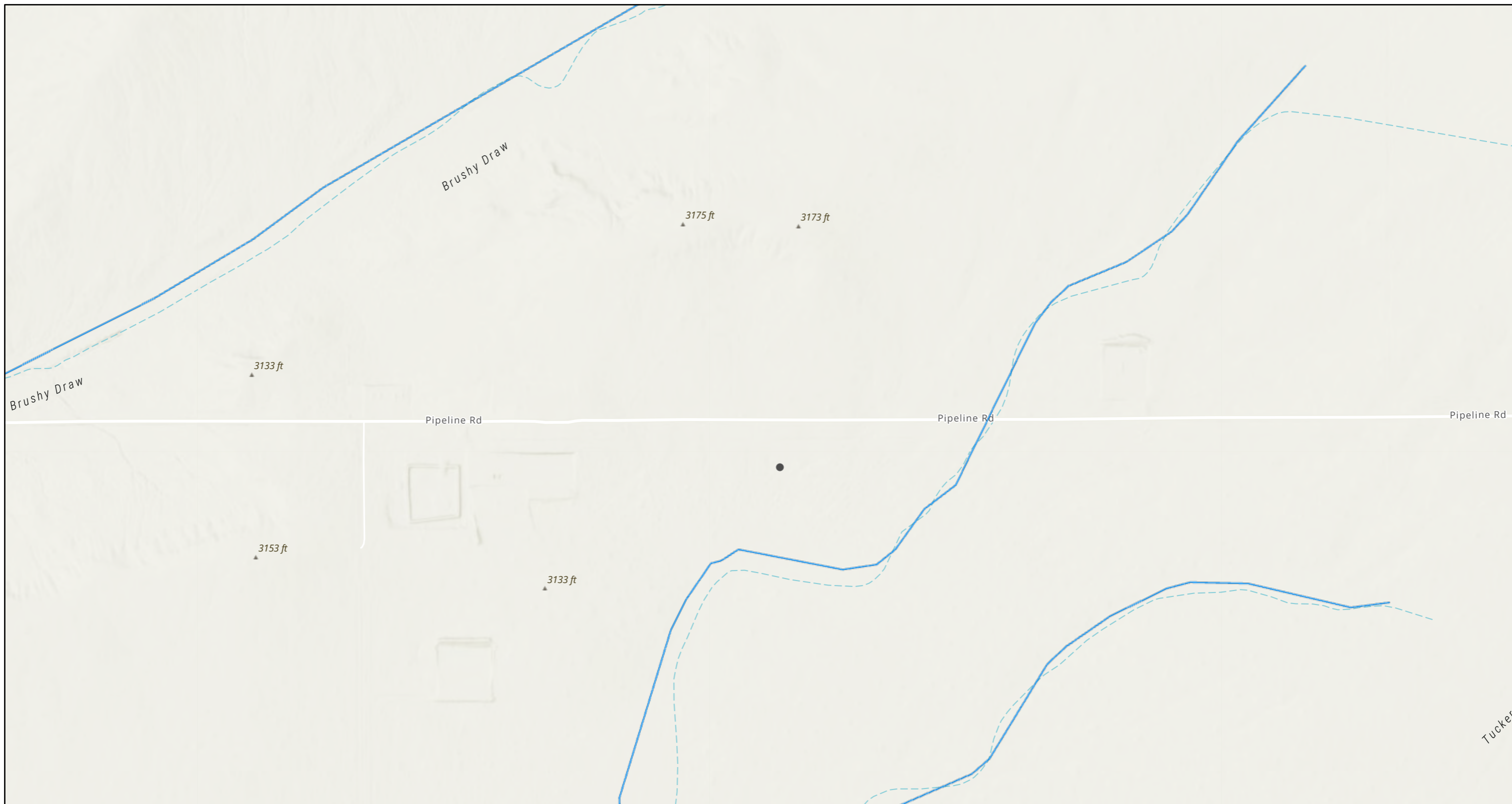


FEMA flood layer

0.3mi

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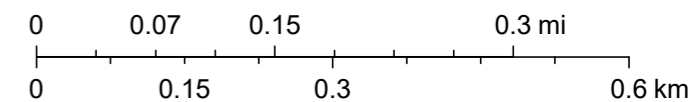
Rosemary Riser Spill



3/29/2024, 8:19:07 AM

— OSE Streams

1:9,028



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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Rosemary Riser Spill
 Lea County, New Mexico

JOB NUMBER

880-41621-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



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

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Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Laboratory Job ID: 880-41621-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Rosemary Riser Spill

Job ID: 880-41621-1

Job ID: 880-41621-1

Eurofins Midland

Job Narrative 880-41621-1

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

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

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

Receipt

The samples were received on 4/1/2024 10:17 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 0.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1.0') (880-41621-1), S-2 (0-1.0') (880-41621-2), S-3 (0-1.0') (880-41621-3), S-4 (0-1.0') (880-41621-4), S-5 (0-1.0') (880-41621-5), S-5 (1.5') (880-41621-6), S-5 (2.0') (880-41621-7), S-6 (0-1.0') (880-41621-8), S-6 (1.5') (880-41621-9), S-7 (0-1.0') (880-41621-10), S-8 (0-1.0') (880-41621-11), S-9 (0-1.0') (880-41621-12), S-10 (0-1.0') (880-41621-13), S-10 (1.5') (880-41621-14), S-10 (2.0') (880-41621-15), S-11 (0-1.0') (880-41621-16) and S-12 (0-1.0') (880-41621-17).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-77047 and analytical batch 880-77098 was outside the control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-77045 and analytical batch 880-77095 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-77045 and analytical batch 880-77095 was outside the upper control 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 surrogate recovery for the blank associated with preparation batch 880-77079 and analytical batch 880-77092 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-10 (1.5') (880-41621-14) and (880-41621-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-77079 and analytical batch 880-77092 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-77049 and analytical batch 880-77145 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Rosemary Riser Spill

Job ID: 880-41621-1

Job ID: 880-41621-1 (Continued)

Eurofins Midland

880-77049 and 880-77049 and analytical batch 880-77145 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

S-10 (0-1.0') (880-41621-13), S-10 (1.5') (880-41621-14), S-10 (2.0') (880-41621-15), S-11 (0-1.0') (880-41621-16), S-12 (0-1.0') (880-41621-17), (880-41621-A-13-E MS) and (880-41621-A-13-F MSD)

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

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-1

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 16:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 16:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 16:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/24 11:15	04/02/24 16:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 16:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/24 11:15	04/02/24 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/01/24 11:15	04/02/24 16:41	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/01/24 11:15	04/02/24 16:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/02/24 16:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/02/24 11:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	49.8		mg/Kg		04/01/24 15:00	04/02/24 11:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 11:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 11:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	04/01/24 15:00	04/02/24 11:46	1
o-Terphenyl	110		70 - 130	04/01/24 15:00	04/02/24 11:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	671		5.02		mg/Kg			04/02/24 22:23	1

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

Lab Sample ID: 880-41621-2

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 17:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 17:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 17:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/24 11:15	04/02/24 17:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 17:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/24 11:15	04/02/24 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/01/24 11:15	04/02/24 17:08	1
1,4-Difluorobenzene (Surr)	83		70 - 130	04/01/24 11:15	04/02/24 17:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-2

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/02/24 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/02/24 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/01/24 15:00	04/02/24 12:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/01/24 15:00	04/02/24 12:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/01/24 15:00	04/02/24 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				04/01/24 15:00	04/02/24 12:53	1
o-Terphenyl	106		70 - 130				04/01/24 15:00	04/02/24 12:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	442		4.98		mg/Kg			04/02/24 22:28	1

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

Lab Sample ID: 880-41621-3

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/24 11:15	04/02/24 18:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/24 11:15	04/02/24 18:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/24 11:15	04/02/24 18:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/01/24 11:15	04/02/24 18:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/24 11:15	04/02/24 18:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/01/24 11:15	04/02/24 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/01/24 11:15	04/02/24 18:51	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/01/24 11:15	04/02/24 18:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/02/24 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 13:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 13:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-3

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				04/01/24 15:00	04/02/24 13:15	1
o-Terphenyl	107		70 - 130				04/01/24 15:00	04/02/24 13:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.00		mg/Kg			04/02/24 22:33	1

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

Lab Sample ID: 880-41621-4

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 19:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 19:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 19:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/24 11:15	04/02/24 19:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 19:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/24 11:15	04/02/24 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				04/01/24 11:15	04/02/24 19:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/01/24 11:15	04/02/24 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/02/24 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/02/24 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 13:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 13:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				04/01/24 15:00	04/02/24 13:37	1
o-Terphenyl	104		70 - 130				04/01/24 15:00	04/02/24 13:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		25.2		mg/Kg			04/02/24 22:47	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-5

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 19:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 19:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 19:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/24 11:15	04/02/24 19:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 19:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/24 11:15	04/02/24 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/01/24 11:15	04/02/24 19:42	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/01/24 11:15	04/02/24 19:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/02/24 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/02/24 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 13:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 13:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	04/01/24 15:00	04/02/24 13:59	1
o-Terphenyl	106		70 - 130	04/01/24 15:00	04/02/24 13:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	431		4.99		mg/Kg			04/02/24 22:52	1

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-41621-6

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:15	04/02/24 20:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:15	04/02/24 20:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:15	04/02/24 20:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/24 11:15	04/02/24 20:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:15	04/02/24 20:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/24 11:15	04/02/24 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/01/24 11:15	04/02/24 20:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/01/24 11:15	04/02/24 20:07	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-41621-6

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/02/24 20:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/02/24 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 14:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 14:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	04/01/24 15:00	04/02/24 14:21	1
o-Terphenyl	97		70 - 130	04/01/24 15:00	04/02/24 14:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	277		5.00		mg/Kg			04/02/24 23:07	1

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-41621-7

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/24 11:15	04/02/24 20:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/24 11:15	04/02/24 20:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/24 11:15	04/02/24 20:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/01/24 11:15	04/02/24 20:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/24 11:15	04/02/24 20:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/01/24 11:15	04/02/24 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/01/24 11:15	04/02/24 20:33	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/01/24 11:15	04/02/24 20:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/02/24 20:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/02/24 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 14:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 14:43	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-41621-7

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				04/01/24 15:00	04/02/24 14:43	1
o-Terphenyl	111		70 - 130				04/01/24 15:00	04/02/24 14:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		5.01		mg/Kg			04/02/24 23:11	1

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

Lab Sample ID: 880-41621-8

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0000199	U	0.0000199		mg/Kg		04/01/24 11:15	04/02/24 20:59	1
Toluene	<0.0000199	U	0.0000199		mg/Kg		04/01/24 11:15	04/02/24 20:59	1
Ethylbenzene	<0.0000199	U	0.0000199		mg/Kg		04/01/24 11:15	04/02/24 20:59	1
m-Xylene & p-Xylene	<0.0000398	U	0.0000398		mg/Kg		04/01/24 11:15	04/02/24 20:59	1
o-Xylene	<0.0000199	U	0.0000199		mg/Kg		04/01/24 11:15	04/02/24 20:59	1
Xylenes, Total	<0.0000398	U	0.0000398		mg/Kg		04/01/24 11:15	04/02/24 20:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/01/24 11:15	04/02/24 20:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/01/24 11:15	04/02/24 20:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0000398	U	0.0000398		mg/Kg			04/02/24 20:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 15:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 15:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/01/24 15:00	04/02/24 15:05	1
o-Terphenyl	104		70 - 130				04/01/24 15:00	04/02/24 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	566		5.02		mg/Kg			04/02/24 23:16	1

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-41621-9

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 21:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 21:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 21:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/24 11:15	04/02/24 21:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 21:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/24 11:15	04/02/24 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/01/24 11:15	04/02/24 21:25	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/01/24 11:15	04/02/24 21:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/02/24 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 15:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 15:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	04/01/24 15:00	04/02/24 15:26	1
o-Terphenyl	112		70 - 130	04/01/24 15:00	04/02/24 15:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	790		5.01		mg/Kg			04/02/24 23:21	1

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

Lab Sample ID: 880-41621-10

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 21:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 21:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 21:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/24 11:15	04/02/24 21:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 21:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/24 11:15	04/02/24 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/01/24 11:15	04/02/24 21:51	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/01/24 11:15	04/02/24 21:51	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-10

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/02/24 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/02/24 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 15:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 15:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/01/24 15:00	04/02/24 15:48	1
o-Terphenyl	105		70 - 130				04/01/24 15:00	04/02/24 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2120		25.2		mg/Kg			04/02/24 23:26	5

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-41621-11

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/24 11:15	04/02/24 22:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/24 11:15	04/02/24 22:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/24 11:15	04/02/24 22:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/01/24 11:15	04/02/24 22:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/24 11:15	04/02/24 22:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/01/24 11:15	04/02/24 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/01/24 11:15	04/02/24 22:17	1
1,4-Difluorobenzene (Surr)	88		70 - 130				04/01/24 11:15	04/02/24 22:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/02/24 22:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/02/24 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 16:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 16:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-41621-11

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				04/01/24 15:00	04/02/24 16:31	1
o-Terphenyl	98		70 - 130				04/01/24 15:00	04/02/24 16:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.0		5.01		mg/Kg			04/02/24 23:31	1

Client Sample ID: S-9 (0-1.0')

Lab Sample ID: 880-41621-12

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 22:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 22:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 22:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/24 11:15	04/02/24 22:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 22:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/24 11:15	04/02/24 22:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				04/01/24 11:15	04/02/24 22:43	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/01/24 11:15	04/02/24 22:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/02/24 22:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/02/24 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 16:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 16:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/24 15:00	04/02/24 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				04/01/24 15:00	04/02/24 16:53	1
o-Terphenyl	108		70 - 130				04/01/24 15:00	04/02/24 16:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.2		5.01		mg/Kg			04/02/24 23:36	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-10 (0-1.0')

Lab Sample ID: 880-41621-13

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:17	04/02/24 12:10	1
Toluene	0.00332		0.00199		mg/Kg		04/01/24 11:17	04/02/24 12:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:17	04/02/24 12:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/24 11:17	04/02/24 12:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:17	04/02/24 12:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/24 11:17	04/02/24 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	04/01/24 11:17	04/02/24 12:10	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/01/24 11:17	04/02/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/02/24 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 17:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 17:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 17:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	04/01/24 15:00	04/02/24 17:15	1
o-Terphenyl	109		70 - 130	04/01/24 15:00	04/02/24 17:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		5.03		mg/Kg			04/02/24 21:42	1

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-41621-14

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:17	04/02/24 12:52	1
Toluene	0.00400		0.00201		mg/Kg		04/01/24 11:17	04/02/24 12:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:17	04/02/24 12:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/24 11:17	04/02/24 12:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:17	04/02/24 12:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/24 11:17	04/02/24 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	04/01/24 11:17	04/02/24 12:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/01/24 11:17	04/02/24 12:52	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-41621-14

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/02/24 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/02/24 17:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 17:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 17:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/24 15:00	04/02/24 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				04/01/24 15:00	04/02/24 17:36	1
o-Terphenyl	123		70 - 130				04/01/24 15:00	04/02/24 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		4.99		mg/Kg			04/02/24 22:01	1

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-41621-15

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:13	1
Toluene	0.00426		0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/24 11:17	04/02/24 13:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/24 11:17	04/02/24 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				04/01/24 11:17	04/02/24 13:13	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/01/24 11:17	04/02/24 13:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00426		0.00401		mg/Kg			04/02/24 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/02/24 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/01/24 15:00	04/02/24 17:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/01/24 15:00	04/02/24 17:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-41621-15

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/01/24 15:00	04/02/24 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				04/01/24 15:00	04/02/24 17:57	1
o-Terphenyl	115		70 - 130				04/01/24 15:00	04/02/24 17:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.2		4.96		mg/Kg			04/02/24 22:07	1

Client Sample ID: S-11 (0-1.0')

Lab Sample ID: 880-41621-16

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:33	1
Toluene	0.00346		0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/24 11:17	04/02/24 13:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/24 11:17	04/02/24 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/01/24 11:17	04/02/24 13:33	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/01/24 11:17	04/02/24 13:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/02/24 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 18:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 18:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				04/01/24 15:00	04/02/24 18:18	1
o-Terphenyl	109		70 - 130				04/01/24 15:00	04/02/24 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1530		25.2		mg/Kg			04/02/24 22:13	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-41621-17

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:54	1
Toluene	0.00322		0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/24 11:17	04/02/24 13:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 13:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/24 11:17	04/02/24 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	04/01/24 11:17	04/02/24 13:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/01/24 11:17	04/02/24 13:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/02/24 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 18:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 18:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	04/01/24 15:00	04/02/24 18:38	1
o-Terphenyl	102		70 - 130	04/01/24 15:00	04/02/24 18:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	487		5.03		mg/Kg			04/02/24 22:20	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-41620-A-1-A MS	Matrix Spike	84	90
880-41620-A-1-B MSD	Matrix Spike Duplicate	99	99
880-41621-1	S-1 (0-1.0')	99	92
880-41621-2	S-2 (0-1.0')	101	83
880-41621-3	S-3 (0-1.0')	96	89
880-41621-4	S-4 (0-1.0')	111	93
880-41621-5	S-5 (0-1.0')	108	95
880-41621-6	S-5 (1.5')	96	93
880-41621-7	S-5 (2.0')	111	93
880-41621-8	S-6 (0-1.0')	104	97
880-41621-9	S-6 (1.5')	101	87
880-41621-10	S-7 (0-1.0')	102	92
880-41621-11	S-8 (0-1.0')	98	88
880-41621-12	S-9 (0-1.0')	112	96
880-41621-13	S-10 (0-1.0')	81	98
880-41621-13 MS	S-10 (0-1.0')	89	96
880-41621-13 MSD	S-10 (0-1.0')	86	95
880-41621-14	S-10 (1.5')	81	99
880-41621-15	S-10 (2.0')	84	101
880-41621-16	S-11 (0-1.0')	88	100
880-41621-17	S-12 (0-1.0')	83	98
LCS 880-77045/1-A	Lab Control Sample	103	86
LCS 880-77047/1-A	Lab Control Sample	92	95
LCSD 880-77045/2-A	Lab Control Sample Dup	98	99
LCSD 880-77047/2-A	Lab Control Sample Dup	101	93
MB 880-77045/5-A	Method Blank	58 S1-	85
MB 880-77047/5-A	Method Blank	64 S1-	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)
880-41621-1	S-1 (0-1.0')	122	110
880-41621-1 MS	S-1 (0-1.0')	130	109
880-41621-1 MSD	S-1 (0-1.0')	138 S1+	110
880-41621-2	S-2 (0-1.0')	117	106
880-41621-3	S-3 (0-1.0')	119	107
880-41621-4	S-4 (0-1.0')	113	104
880-41621-5	S-5 (0-1.0')	119	106
880-41621-6	S-5 (1.5')	108	97
880-41621-7	S-5 (2.0')	127	111
880-41621-8	S-6 (0-1.0')	114	104
880-41621-9	S-6 (1.5')	123	112
880-41621-10	S-7 (0-1.0')	114	105

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-41621-11	S-8 (0-1.0')	107	98
880-41621-12	S-9 (0-1.0')	122	108
880-41621-13	S-10 (0-1.0')	119	109
880-41621-14	S-10 (1.5')	132 S1+	123
880-41621-15	S-10 (2.0')	123	115
880-41621-16	S-11 (0-1.0')	119	109
880-41621-17	S-12 (0-1.0')	114	102
LCS 880-77079/2-A	Lab Control Sample	112	115
LCSD 880-77079/3-A	Lab Control Sample Dup	105	112
MB 880-77079/1-A	Method Blank	176 S1+	176 S1+

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-77045/5-A
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/24 11:15	04/02/24 12:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	58	S1-	70 - 130	04/01/24 11:15	04/02/24 12:41	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/01/24 11:15	04/02/24 12:41	1

Lab Sample ID: LCS 880-77045/1-A
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09074		mg/Kg		91	70 - 130
Toluene	0.100	0.1021		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1033		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-77045/2-A
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09274		mg/Kg		93	70 - 130	2	35
Toluene	0.100	0.09749		mg/Kg		97	70 - 130	5	35
Ethylbenzene	0.100	0.09786		mg/Kg		98	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1949		mg/Kg		97	70 - 130	3	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-41620-A-1-A MS
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1 F2	0.0992	0.03971	F1	mg/Kg		39	70 - 130
Toluene	<0.00199	U F1 F2	0.0992	0.04291	F1	mg/Kg		43	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41620-A-1-A MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 77095

Prep Batch: 77045

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00199	U F1 F2	0.0992	0.04937	F1	mg/Kg		50	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.198	0.09965	F1	mg/Kg		50	70 - 130
o-Xylene	<0.00199	U F1 F2	0.0992	0.05499	F1	mg/Kg		55	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-41620-A-1-B MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 77095

Prep Batch: 77045

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00199	U F1 F2	0.101	0.08002	F2	mg/Kg		79	70 - 130	67	35
Toluene	<0.00199	U F1 F2	0.101	0.07526	F2	mg/Kg		75	70 - 130	55	35
Ethylbenzene	<0.00199	U F1 F2	0.101	0.07703	F2	mg/Kg		76	70 - 130	44	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.202	0.1534	F2	mg/Kg		76	70 - 130	42	35
o-Xylene	<0.00199	U F1 F2	0.101	0.08233	F2	mg/Kg		82	70 - 130	40	35

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

Lab Sample ID: MB 880-77047/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 77098

Prep Batch: 77047

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 11:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/24 11:17	04/02/24 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:17	04/02/24 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/24 11:17	04/02/24 11:48	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	64	S1-	70 - 130	04/01/24 11:17	04/02/24 11:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/01/24 11:17	04/02/24 11:48	1

Lab Sample ID: LCS 880-77047/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 77098

Prep Batch: 77047

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1115		mg/Kg		112	70 - 130
Toluene	0.100	0.09657		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09830		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1893		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-77047/1-A
Matrix: Solid
Analysis Batch: 77098

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77047

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09379		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-77047/2-A
Matrix: Solid
Analysis Batch: 77098

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 77047

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1086		mg/Kg		109	70 - 130	3	35
Toluene	0.100	0.1065		mg/Kg		107	70 - 130	10	35
Ethylbenzene	0.100	0.1096		mg/Kg		110	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.2154		mg/Kg		108	70 - 130	13	35
o-Xylene	0.100	0.1066		mg/Kg		107	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-41621-13 MS
Matrix: Solid
Analysis Batch: 77098

Client Sample ID: S-10 (0-1.0')
Prep Type: Total/NA
Prep Batch: 77047

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0992	0.09941		mg/Kg		100	70 - 130
Toluene	0.00332		0.0992	0.08886		mg/Kg		86	70 - 130
Ethylbenzene	<0.00199	U	0.0992	0.08438		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1604		mg/Kg		81	70 - 130
o-Xylene	<0.00199	U	0.0992	0.07983		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-41621-13 MSD
Matrix: Solid
Analysis Batch: 77098

Client Sample ID: S-10 (0-1.0')
Prep Type: Total/NA
Prep Batch: 77047

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.101	0.09449		mg/Kg		94	70 - 130	5	35
Toluene	0.00332		0.101	0.08310		mg/Kg		79	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.101	0.07836		mg/Kg		78	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1484		mg/Kg		74	70 - 130	8	35
o-Xylene	<0.00199	U	0.101	0.07437		mg/Kg		74	70 - 130	7	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-13 MSD
 Matrix: Solid
 Analysis Batch: 77098

Client Sample ID: S-10 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 77047

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-77079/1-A
 Matrix: Solid
 Analysis Batch: 77092

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 77079

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 08:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 08:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 08:53	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	176	S1+	70 - 130	04/01/24 15:00	04/02/24 08:53	1
o-Terphenyl	176	S1+	70 - 130	04/01/24 15:00	04/02/24 08:53	1

Lab Sample ID: LCS 880-77079/2-A
 Matrix: Solid
 Analysis Batch: 77092

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 77079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1039		mg/Kg		104	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	112		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-77079/3-A
 Matrix: Solid
 Analysis Batch: 77092

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 77079

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130	3	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	105		70 - 130
o-Terphenyl	112		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-1 MS
 Matrix: Solid
 Analysis Batch: 77092

Client Sample ID: S-1 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 77079

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	999	1260		mg/Kg		123		70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1139		mg/Kg		109		70 - 130
Surrogate	%Recovery	Qualifier	Limits	MS	MS					
1-Chlorooctane	130		70 - 130							
o-Terphenyl	109		70 - 130							

Lab Sample ID: 880-41621-1 MSD
 Matrix: Solid
 Analysis Batch: 77092

Client Sample ID: S-1 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 77079

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	999	1375	F1	mg/Kg		135		70 - 130	9		20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1172		mg/Kg		113		70 - 130	3		20
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD								
1-Chlorooctane	138	S1+	70 - 130										
o-Terphenyl	110		70 - 130										

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-77048/1-A
 Matrix: Solid
 Analysis Batch: 77116

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<5.00	U	5.00		mg/Kg			04/02/24 21:11	1

Lab Sample ID: LCS 880-77048/2-A
 Matrix: Solid
 Analysis Batch: 77116

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Chloride	250	226.9		mg/Kg		91		90 - 110

Lab Sample ID: LCSD 880-77048/3-A
 Matrix: Solid
 Analysis Batch: 77116

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Chloride	250	226.5		mg/Kg		91		90 - 110	0	20

QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-41621-3 MS
 Matrix: Solid
 Analysis Batch: 77116

Client Sample ID: S-3 (0-1.0')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	140		250	387.4		mg/Kg		99	90 - 110

Lab Sample ID: 880-41621-3 MSD
 Matrix: Solid
 Analysis Batch: 77116

Client Sample ID: S-3 (0-1.0')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		250	386.1		mg/Kg		98	90 - 110	0	20

Lab Sample ID: MB 880-77049/1-A
 Matrix: Solid
 Analysis Batch: 77145

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			04/02/24 21:24	1

Lab Sample ID: LCS 880-77049/2-A
 Matrix: Solid
 Analysis Batch: 77145

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.9		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-77049/3-A
 Matrix: Solid
 Analysis Batch: 77145

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.6		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-41621-13 MS
 Matrix: Solid
 Analysis Batch: 77145

Client Sample ID: S-10 (0-1.0')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1400		252	1610	4	mg/Kg		83	90 - 110

Lab Sample ID: 880-41621-13 MSD
 Matrix: Solid
 Analysis Batch: 77145

Client Sample ID: S-10 (0-1.0')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1400		252	1632	4	mg/Kg		92	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 77045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-1	S-1 (0-1.0')	Total/NA	Solid	5035	
880-41621-2	S-2 (0-1.0')	Total/NA	Solid	5035	
880-41621-3	S-3 (0-1.0')	Total/NA	Solid	5035	
880-41621-4	S-4 (0-1.0')	Total/NA	Solid	5035	
880-41621-5	S-5 (0-1.0')	Total/NA	Solid	5035	
880-41621-6	S-5 (1.5')	Total/NA	Solid	5035	
880-41621-7	S-5 (2.0')	Total/NA	Solid	5035	
880-41621-8	S-6 (0-1.0')	Total/NA	Solid	5035	
880-41621-9	S-6 (1.5')	Total/NA	Solid	5035	
880-41621-10	S-7 (0-1.0')	Total/NA	Solid	5035	
880-41621-11	S-8 (0-1.0')	Total/NA	Solid	5035	
880-41621-12	S-9 (0-1.0')	Total/NA	Solid	5035	
MB 880-77045/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77045/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-77045/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-41620-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-41620-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 77047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-13	S-10 (0-1.0')	Total/NA	Solid	5035	
880-41621-14	S-10 (1.5')	Total/NA	Solid	5035	
880-41621-15	S-10 (2.0')	Total/NA	Solid	5035	
880-41621-16	S-11 (0-1.0')	Total/NA	Solid	5035	
880-41621-17	S-12 (0-1.0')	Total/NA	Solid	5035	
MB 880-77047/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77047/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-77047/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-41621-13 MS	S-10 (0-1.0')	Total/NA	Solid	5035	
880-41621-13 MSD	S-10 (0-1.0')	Total/NA	Solid	5035	

Analysis Batch: 77095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-1	S-1 (0-1.0')	Total/NA	Solid	8021B	77045
880-41621-2	S-2 (0-1.0')	Total/NA	Solid	8021B	77045
880-41621-3	S-3 (0-1.0')	Total/NA	Solid	8021B	77045
880-41621-4	S-4 (0-1.0')	Total/NA	Solid	8021B	77045
880-41621-5	S-5 (0-1.0')	Total/NA	Solid	8021B	77045
880-41621-6	S-5 (1.5')	Total/NA	Solid	8021B	77045
880-41621-7	S-5 (2.0')	Total/NA	Solid	8021B	77045
880-41621-8	S-6 (0-1.0')	Total/NA	Solid	8021B	77045
880-41621-9	S-6 (1.5')	Total/NA	Solid	8021B	77045
880-41621-10	S-7 (0-1.0')	Total/NA	Solid	8021B	77045
880-41621-11	S-8 (0-1.0')	Total/NA	Solid	8021B	77045
880-41621-12	S-9 (0-1.0')	Total/NA	Solid	8021B	77045
MB 880-77045/5-A	Method Blank	Total/NA	Solid	8021B	77045
LCS 880-77045/1-A	Lab Control Sample	Total/NA	Solid	8021B	77045
LCS 880-77045/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77045
880-41620-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	77045
880-41620-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	77045

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 77098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-13	S-10 (0-1.0')	Total/NA	Solid	8021B	77047
880-41621-14	S-10 (1.5')	Total/NA	Solid	8021B	77047
880-41621-15	S-10 (2.0')	Total/NA	Solid	8021B	77047
880-41621-16	S-11 (0-1.0')	Total/NA	Solid	8021B	77047
880-41621-17	S-12 (0-1.0')	Total/NA	Solid	8021B	77047
MB 880-77047/5-A	Method Blank	Total/NA	Solid	8021B	77047
LCS 880-77047/1-A	Lab Control Sample	Total/NA	Solid	8021B	77047
LCSD 880-77047/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77047
880-41621-13 MS	S-10 (0-1.0')	Total/NA	Solid	8021B	77047
880-41621-13 MSD	S-10 (0-1.0')	Total/NA	Solid	8021B	77047

Analysis Batch: 77149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-1	S-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-2	S-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-3	S-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-4	S-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-5	S-5 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-6	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-41621-7	S-5 (2.0')	Total/NA	Solid	Total BTEX	
880-41621-8	S-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-9	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-41621-10	S-7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-11	S-8 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-12	S-9 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-13	S-10 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-14	S-10 (1.5')	Total/NA	Solid	Total BTEX	
880-41621-15	S-10 (2.0')	Total/NA	Solid	Total BTEX	
880-41621-16	S-11 (0-1.0')	Total/NA	Solid	Total BTEX	
880-41621-17	S-12 (0-1.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 77079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-1	S-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-2	S-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-3	S-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-4	S-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-5	S-5 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-6	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-41621-7	S-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-41621-8	S-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-9	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-41621-10	S-7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-11	S-8 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-12	S-9 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-13	S-10 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-14	S-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-41621-15	S-10 (2.0')	Total/NA	Solid	8015NM Prep	
880-41621-16	S-11 (0-1.0')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 77079 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-17	S-12 (0-1.0')	Total/NA	Solid	8015NM Prep	
MB 880-77079/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77079/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77079/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41621-1 MS	S-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-41621-1 MSD	S-1 (0-1.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 77092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-1	S-1 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-2	S-2 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-3	S-3 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-4	S-4 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-5	S-5 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-6	S-5 (1.5')	Total/NA	Solid	8015B NM	77079
880-41621-7	S-5 (2.0')	Total/NA	Solid	8015B NM	77079
880-41621-8	S-6 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-9	S-6 (1.5')	Total/NA	Solid	8015B NM	77079
880-41621-10	S-7 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-11	S-8 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-12	S-9 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-13	S-10 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-14	S-10 (1.5')	Total/NA	Solid	8015B NM	77079
880-41621-15	S-10 (2.0')	Total/NA	Solid	8015B NM	77079
880-41621-16	S-11 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-17	S-12 (0-1.0')	Total/NA	Solid	8015B NM	77079
MB 880-77079/1-A	Method Blank	Total/NA	Solid	8015B NM	77079
LCS 880-77079/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77079
LCSD 880-77079/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77079
880-41621-1 MS	S-1 (0-1.0')	Total/NA	Solid	8015B NM	77079
880-41621-1 MSD	S-1 (0-1.0')	Total/NA	Solid	8015B NM	77079

Analysis Batch: 77199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-1	S-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-2	S-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-3	S-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-4	S-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-5	S-5 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-6	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-41621-7	S-5 (2.0')	Total/NA	Solid	8015 NM	
880-41621-8	S-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-9	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-41621-10	S-7 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-11	S-8 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-12	S-9 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-13	S-10 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-14	S-10 (1.5')	Total/NA	Solid	8015 NM	
880-41621-15	S-10 (2.0')	Total/NA	Solid	8015 NM	
880-41621-16	S-11 (0-1.0')	Total/NA	Solid	8015 NM	
880-41621-17	S-12 (0-1.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 77048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-1	S-1 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-2	S-2 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-3	S-3 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-4	S-4 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-5	S-5 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-6	S-5 (1.5')	Soluble	Solid	DI Leach	
880-41621-7	S-5 (2.0')	Soluble	Solid	DI Leach	
880-41621-8	S-6 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-9	S-6 (1.5')	Soluble	Solid	DI Leach	
880-41621-10	S-7 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-11	S-8 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-12	S-9 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-77048/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77048/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77048/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41621-3 MS	S-3 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-3 MSD	S-3 (0-1.0')	Soluble	Solid	DI Leach	

Leach Batch: 77049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-13	S-10 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-14	S-10 (1.5')	Soluble	Solid	DI Leach	
880-41621-15	S-10 (2.0')	Soluble	Solid	DI Leach	
880-41621-16	S-11 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-17	S-12 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-77049/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77049/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77049/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41621-13 MS	S-10 (0-1.0')	Soluble	Solid	DI Leach	
880-41621-13 MSD	S-10 (0-1.0')	Soluble	Solid	DI Leach	

Analysis Batch: 77116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-1	S-1 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-2	S-2 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-3	S-3 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-4	S-4 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-5	S-5 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-6	S-5 (1.5')	Soluble	Solid	300.0	77048
880-41621-7	S-5 (2.0')	Soluble	Solid	300.0	77048
880-41621-8	S-6 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-9	S-6 (1.5')	Soluble	Solid	300.0	77048
880-41621-10	S-7 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-11	S-8 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-12	S-9 (0-1.0')	Soluble	Solid	300.0	77048
MB 880-77048/1-A	Method Blank	Soluble	Solid	300.0	77048
LCS 880-77048/2-A	Lab Control Sample	Soluble	Solid	300.0	77048
LCSD 880-77048/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77048
880-41621-3 MS	S-3 (0-1.0')	Soluble	Solid	300.0	77048
880-41621-3 MSD	S-3 (0-1.0')	Soluble	Solid	300.0	77048

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QC Association Summary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 77145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41621-13	S-10 (0-1.0')	Soluble	Solid	300.0	77049
880-41621-14	S-10 (1.5')	Soluble	Solid	300.0	77049
880-41621-15	S-10 (2.0')	Soluble	Solid	300.0	77049
880-41621-16	S-11 (0-1.0')	Soluble	Solid	300.0	77049
880-41621-17	S-12 (0-1.0')	Soluble	Solid	300.0	77049
MB 880-77049/1-A	Method Blank	Soluble	Solid	300.0	77049
LCS 880-77049/2-A	Lab Control Sample	Soluble	Solid	300.0	77049
LCSD 880-77049/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77049
880-41621-13 MS	S-10 (0-1.0')	Soluble	Solid	300.0	77049
880-41621-13 MSD	S-10 (0-1.0')	Soluble	Solid	300.0	77049

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-1

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 16:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 16:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 11:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 11:46	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 22:23	SMC	EET MID

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

Lab Sample ID: 880-41621-2

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 12:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 12:53	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 22:28	SMC	EET MID

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

Lab Sample ID: 880-41621-3

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 18:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 13:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 13:15	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 22:33	SMC	EET MID

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

Lab Sample ID: 880-41621-4

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 19:16	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41621-4

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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			77199	04/02/24 13:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 13:37	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77116	04/02/24 22:47	SMC	EET MID

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

Lab Sample ID: 880-41621-5

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 19:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 13:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 13:59	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 22:52	SMC	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-41621-6

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 20:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 20:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 14:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 14:21	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 23:07	SMC	EET MID

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-41621-7

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 20:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 14:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 14:43	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-41621-7

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 23:11	SMC	EET MID

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

Lab Sample ID: 880-41621-8

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			502 g	5 mL	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 20:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 20:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 15:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 15:05	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 23:16	SMC	EET MID

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-41621-9

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 21:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 21:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 15:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 15:26	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 23:21	SMC	EET MID

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

Lab Sample ID: 880-41621-10

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 21:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 15:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 15:48	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77116	04/02/24 23:26	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-41621-11

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 22:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 22:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 16:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 16:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 23:31	SMC	EET MID

Client Sample ID: S-9 (0-1.0')

Lab Sample ID: 880-41621-12

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 22:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 22:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 16:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 16:53	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 23:36	SMC	EET MID

Client Sample ID: S-10 (0-1.0')

Lab Sample ID: 880-41621-13

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77047	04/01/24 11:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77098	04/02/24 12:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 12:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 17:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 17:15	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77049	04/01/24 11:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77145	04/02/24 21:42	SMC	EET MID

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-41621-14

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77047	04/01/24 11:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77098	04/02/24 12:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 12:52	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 SDG: Lea County, New Mexico

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-41621-14

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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			77199	04/02/24 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 17:36	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77049	04/01/24 11:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77145	04/02/24 22:01	SMC	EET MID

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-41621-15

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77047	04/01/24 11:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77098	04/02/24 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 13:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 17:57	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77049	04/01/24 11:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77145	04/02/24 22:07	SMC	EET MID

Client Sample ID: S-11 (0-1.0')

Lab Sample ID: 880-41621-16

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77047	04/01/24 11:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77098	04/02/24 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 13:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 18:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 18:18	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77049	04/01/24 11:22	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77145	04/02/24 22:13	SMC	EET MID

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-41621-17

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77047	04/01/24 11:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77098	04/02/24 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77149	04/02/24 13:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			77199	04/02/24 18:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 18:38	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-41621-17

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	77049	04/01/24 11:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77145	04/02/24 22:20	SMC	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
 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	T104704400-23-26	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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	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

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Method Summary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41621-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-41621-1	S-1 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-2	S-2 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-3	S-3 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-4	S-4 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-5	S-5 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-6	S-5 (1.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-7	S-5 (2.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-8	S-6 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-9	S-6 (1.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-10	S-7 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-11	S-8 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-12	S-9 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-13	S-10 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-14	S-10 (1.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-15	S-10 (2.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-16	S-11 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17
880-41621-17	S-12 (0-1.0')	Solid	03/28/24 00:00	04/01/24 10:17

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Work Order # 611291



880-41621 Chain of Custody

Program US1
 State of Project: Level II Level III ST/UST RRP Level IV
 Reporting Level Level II Level III ST/UST RRP Level IV
 Deliverables EDD ADAPT Other

Project Manager: Corner Moehring
Company Name: Carmona Resources
Address: 310 W Wall St Ste 500
 Midland, TX 79701
City, State ZIP: Midland, TX 79701
Phone: (432) 813-6823
Email: Todd_Wells@eogresources.com

Bill to (if different): Todd Wells
Company Name: EOG Resources
Address: 5509 Champions Dr
 Midland TX 79706

Project Name	Project Number	Project Location	Sampler's Name	PO #	Turn Around		Due Date	Parameters	ANALYSIS REQUEST		Preservative Codes	Sample Comments
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush						
Rosemary Riser Spill	2314	Lea County, New Mexico	IR									
SAMPLE RECEIPT Received Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No Cooler Custody Seals: Yes <input type="radio"/> No <input checked="" type="radio"/> N/A Sample Custody Seals: Yes <input type="radio"/> No <input checked="" type="radio"/> N/A Total Containers: _____ Temperature Reading: _____ Corrected Temperature: _____ Thermometer ID: _____ Wet Ice: <input type="radio"/> Yes <input checked="" type="radio"/> No Temperature Factor: _____ Corrected Temperature: _____ Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 300 0												
Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont							
S-1 (0-1 0')	3/28/2024	X		G	1	X	X	X				
S-2 (0-1 0')	3/28/2024	X		G	1	X	X	X				
S-3 (0-1 0')	3/28/2024	X		G	1	X	X	X				
S-4 (0-1 0')	3/28/2024	X		G	1	X	X	X				
S-5 (0-1 0')	3/28/2024	X		G	1	X	X	X				
S-5 (1 5')	3/28/2024	X		G	1	X	X	X				
S-5 (2 0')	3/28/2024	X		G	1	X	X	X				
S-6 (0-1 0')	3/28/2024	X		G	1	X	X	X				
S-6 (1 5')	3/28/2024	X		G	1	X	X	X				
S-7 (0-1 0')	3/28/2024	X		G	1	X	X	X				

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Corner Moehring / cmoehring@carmonarresources.com

Relinquished by (Signature): *[Signature]* Date/Time: 4/1/24 10:17

Received by (Signature): *[Signature]* Date/Time: _____

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MS S O

Work Order No: 41621 Loc: 880

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland TX 79706
Phone	(432) 813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments	
Program UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Ironfields <input type="checkbox"/> JRC <input type="checkbox"/> perfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name	Rosemary Riser Spill	Turn Around		Pres. Code	ANALYSIS REQUEST	Preservative Codes
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush			
Project Number	2314	Due Date		72 Hours		
Project Location	Lea County, New Mexico					
Sampler's Name	IR					
PO #:						
SAMPLE RECEIPT						
Received Intact:	Yes	No	Thermometer ID	Yes	No	
Cooler Custody Seals:	Yes	No	Correction Factor			
Sample Custody Seals:	Yes	No	Temperature Reading			
Total Containers			Corrected Temperature			
Sample Identification						
S-8 (0-1 0')	3/28/2024	X		G	1	X
S-9 (0-1 0')	3/28/2024	X		G	1	X
S-10 (0-1 0')	3/28/2024	X		G	1	X
S-10 (1 5')	3/28/2024	X		G	1	X
S-10 (2 0')	3/28/2024	X		G	1	X
S-11 (0-1 0')	3/28/2024	X		G	1	X
S-12 (0-1 0')	3/28/2024	X		G	1	X

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)		Date/Time	4/1/24
Received by (Signature)		Date/Time	10/17

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-41621-1
SDG Number: Lea County, New Mexico

Login Number: 41621

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/3/2024 1:25:19 PM

JOB DESCRIPTION

Rosemary Riser Spill
 Lea County, New Mexico

JOB NUMBER

880-41620-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



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4/3/2024 1:25:19 PM

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

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Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Laboratory Job ID: 880-41620-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Rosemary Riser Spill

Job ID: 880-41620-1

Job ID: 880-41620-1

Eurofins Midland

Job Narrative 880-41620-1

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

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

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

Receipt

The samples were received on 4/1/2024 10:17 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 0.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-41620-1), H-2 (0-0.5') (880-41620-2), H-3 (0-0.5') (880-41620-3), H-4 (0-0.5') (880-41620-4), H-5 (0-0.5') (880-41620-5), H-6 (0-0.5') (880-41620-6), H-7 (0-0.5') (880-41620-7) and H-8 (0-0.5') (880-41620-8).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-77045 and analytical batch 880-77095 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-77045 and analytical batch 880-77095 was outside the upper control 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 surrogate recovery for the blank associated with preparation batch 880-77051 and analytical batch 880-77086 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-77051/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-41620-1) and H-2 (0-0.5') (880-41620-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-77050 and analytical batch 880-77088 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-77079 and analytical batch 880-77092 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-41621-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-77079 and analytical batch 880-77092 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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Case Narrative

Client: Carmona Resources
Project: Rosemary Riser Spill

Job ID: 880-41620-1

Job ID: 880-41620-1 (Continued)

Eurofins Midland

HPLC/IC

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

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-41620-1

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F2 F1	0.00199		mg/Kg		04/01/24 11:15	04/02/24 13:07	1
Toluene	<0.00199	U F2 F1	0.00199		mg/Kg		04/01/24 11:15	04/02/24 13:07	1
Ethylbenzene	<0.00199	U F2 F1	0.00199		mg/Kg		04/01/24 11:15	04/02/24 13:07	1
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.00398		mg/Kg		04/01/24 11:15	04/02/24 13:07	1
o-Xylene	<0.00199	U F2 F1	0.00199		mg/Kg		04/01/24 11:15	04/02/24 13:07	1
Xylenes, Total	<0.00398	U F2 F1	0.00398		mg/Kg		04/01/24 11:15	04/02/24 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/01/24 11:15	04/02/24 13:07	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/01/24 11:15	04/02/24 13:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/02/24 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/02/24 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/24 12:10	04/02/24 17:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/24 12:10	04/02/24 17:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/24 12:10	04/02/24 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	197	S1+	70 - 130	04/01/24 12:10	04/02/24 17:11	1
o-Terphenyl	243	S1+	70 - 130	04/01/24 12:10	04/02/24 17:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.1		4.99		mg/Kg			04/02/24 21:25	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-41620-2

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:15	04/02/24 13:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:15	04/02/24 13:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:15	04/02/24 13:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/24 11:15	04/02/24 13:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/24 11:15	04/02/24 13:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/24 11:15	04/02/24 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	04/01/24 11:15	04/02/24 13:34	1
1,4-Difluorobenzene (Surr)	84		70 - 130	04/01/24 11:15	04/02/24 13:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-41620-2

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/02/24 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/02/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/24 12:10	04/02/24 17:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/24 12:10	04/02/24 17:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/24 12:10	04/02/24 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	04/01/24 12:10	04/02/24 17:31	1
o-Terphenyl	138	S1+	70 - 130	04/01/24 12:10	04/02/24 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.3		5.00		mg/Kg			04/02/24 21:40	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-41620-3

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/24 11:15	04/02/24 14:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/24 11:15	04/02/24 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/01/24 11:15	04/02/24 14:01	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/01/24 11:15	04/02/24 14:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/02/24 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 12:10	04/02/24 17:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 12:10	04/02/24 17:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-41620-3

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 12:10	04/02/24 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				04/01/24 12:10	04/02/24 17:51	1
o-Terphenyl	113		70 - 130				04/01/24 12:10	04/02/24 17:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.8		5.01		mg/Kg			04/02/24 21:45	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-41620-4

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/24 11:15	04/02/24 14:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/24 11:15	04/02/24 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				04/01/24 11:15	04/02/24 14:28	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/01/24 11:15	04/02/24 14:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/02/24 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/02/24 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/24 12:10	04/02/24 18:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/24 12:10	04/02/24 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/24 12:10	04/02/24 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				04/01/24 12:10	04/02/24 18:11	1
o-Terphenyl	103		70 - 130				04/01/24 12:10	04/02/24 18:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.0		5.02		mg/Kg			04/02/24 21:49	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-41620-5

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/24 11:15	04/02/24 14:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 14:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/24 11:15	04/02/24 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/01/24 11:15	04/02/24 14:54	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/01/24 11:15	04/02/24 14:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/02/24 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/02/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/01/24 11:22	04/02/24 17:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/01/24 11:22	04/02/24 17:31	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/01/24 11:22	04/02/24 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	04/01/24 11:22	04/02/24 17:31	1
o-Terphenyl	90		70 - 130	04/01/24 11:22	04/02/24 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		5.01		mg/Kg			04/02/24 21:54	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-41620-6

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 15:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 15:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 15:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/24 11:15	04/02/24 15:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/24 11:15	04/02/24 15:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/24 11:15	04/02/24 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/01/24 11:15	04/02/24 15:21	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/01/24 11:15	04/02/24 15:21	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-41620-6

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/02/24 15:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 17:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 17:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	04/01/24 11:22	04/02/24 17:51	1
o-Terphenyl	95		70 - 130	04/01/24 11:22	04/02/24 17:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.2		4.98		mg/Kg			04/02/24 22:09	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-41620-7

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/24 11:15	04/02/24 15:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/24 11:15	04/02/24 15:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/24 11:15	04/02/24 15:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/01/24 11:15	04/02/24 15:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/24 11:15	04/02/24 15:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/01/24 11:15	04/02/24 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/01/24 11:15	04/02/24 15:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/01/24 11:15	04/02/24 15:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/02/24 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 18:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 18:11	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-41620-7

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				04/01/24 11:22	04/02/24 18:11	1
o-Terphenyl	92		70 - 130				04/01/24 11:22	04/02/24 18:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		5.03		mg/Kg			04/02/24 22:14	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-41620-8

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 16:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 16:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 16:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/24 11:15	04/02/24 16:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 16:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/24 11:15	04/02/24 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/01/24 11:15	04/02/24 16:14	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/01/24 11:15	04/02/24 16:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/02/24 16:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/24 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 19:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 19:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				04/01/24 15:00	04/02/24 19:42	1
o-Terphenyl	109		70 - 130				04/01/24 15:00	04/02/24 19:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		4.99		mg/Kg			04/02/24 22:18	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-41620-1	H-1 (0-0.5')	89	88
880-41620-1 MS	H-1 (0-0.5')	84	90
880-41620-1 MSD	H-1 (0-0.5')	99	99
880-41620-2	H-2 (0-0.5')	88	84
880-41620-3	H-3 (0-0.5')	107	93
880-41620-4	H-4 (0-0.5')	94	84
880-41620-5	H-5 (0-0.5')	105	88
880-41620-6	H-6 (0-0.5')	97	86
880-41620-7	H-7 (0-0.5')	106	97
880-41620-8	H-8 (0-0.5')	104	86
LCS 880-77045/1-A	Lab Control Sample	103	86
LCSD 880-77045/2-A	Lab Control Sample Dup	98	99
MB 880-77045/5-A	Method Blank	58 S1-	85

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)
880-41619-A-1-H MS	Matrix Spike	83	83
880-41619-A-1-I MSD	Matrix Spike Duplicate	85	85
880-41619-A-21-F MS	Matrix Spike	96	108
880-41619-A-21-G MSD	Matrix Spike Duplicate	96	103
880-41620-1	H-1 (0-0.5')	197 S1+	243 S1+
880-41620-2	H-2 (0-0.5')	115	138 S1+
880-41620-3	H-3 (0-0.5')	93	113
880-41620-4	H-4 (0-0.5')	84	103
880-41620-5	H-5 (0-0.5')	78	90
880-41620-6	H-6 (0-0.5')	84	95
880-41620-7	H-7 (0-0.5')	80	92
880-41620-8	H-8 (0-0.5')	121	109
880-41621-A-1-C MS	Matrix Spike	130	109
880-41621-A-1-D MSD	Matrix Spike Duplicate	138 S1+	110
LCS 880-77050/2-A	Lab Control Sample	88	115
LCS 880-77051/2-A	Lab Control Sample	95	120
LCS 880-77079/2-A	Lab Control Sample	112	115
LCSD 880-77050/3-A	Lab Control Sample Dup	94	116
LCSD 880-77051/3-A	Lab Control Sample Dup	107	141 S1+
LCSD 880-77079/3-A	Lab Control Sample Dup	105	112
MB 880-77050/1-A	Method Blank	125	157 S1+
MB 880-77051/1-A	Method Blank	174 S1+	238 S1+
MB 880-77079/1-A	Method Blank	176 S1+	176 S1+

Surrogate Legend
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-77045/5-A
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/24 11:15	04/02/24 12:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/24 11:15	04/02/24 12:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	58	S1-	70 - 130	04/01/24 11:15	04/02/24 12:41	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/01/24 11:15	04/02/24 12:41	1

Lab Sample ID: LCS 880-77045/1-A
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09074		mg/Kg		91	70 - 130
Toluene	0.100	0.1021		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1033		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-77045/2-A
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09274		mg/Kg		93	70 - 130	2	35
Toluene	0.100	0.09749		mg/Kg		97	70 - 130	5	35
Ethylbenzene	0.100	0.09786		mg/Kg		98	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1949		mg/Kg		97	70 - 130	3	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-41620-1 MS
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: H-1 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F2 F1	0.0992	0.03971	F1	mg/Kg		39	70 - 130
Toluene	<0.00199	U F2 F1	0.0992	0.04291	F1	mg/Kg		43	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41620-1 MS
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: H-1 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00199	U F2 F1	0.0992	0.04937	F1	mg/Kg		50	70 - 130
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.198	0.09965	F1	mg/Kg		50	70 - 130
o-Xylene	<0.00199	U F2 F1	0.0992	0.05499	F1	mg/Kg		55	70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-41620-1 MSD
 Matrix: Solid
 Analysis Batch: 77095

Client Sample ID: H-1 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 77045

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	RPD	
	Result	Qualifier		Result	Qualifier					Limits	RPD
Benzene	<0.00199	U F2 F1	0.101	0.08002	F2	mg/Kg		79	70 - 130	67	35
Toluene	<0.00199	U F2 F1	0.101	0.07526	F2	mg/Kg		75	70 - 130	55	35
Ethylbenzene	<0.00199	U F2 F1	0.101	0.07703	F2	mg/Kg		76	70 - 130	44	35
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.202	0.1534	F2	mg/Kg		76	70 - 130	42	35
o-Xylene	<0.00199	U F2 F1	0.101	0.08233	F2	mg/Kg		82	70 - 130	40	35

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

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

Lab Sample ID: MB 880-77050/1-A
 Matrix: Solid
 Analysis Batch: 77088

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 77050

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 07:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 07:42	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 11:22	04/02/24 07:42	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	125		70 - 130	04/01/24 11:22	04/02/24 07:42	1
o-Terphenyl	157	S1+	70 - 130	04/01/24 11:22	04/02/24 07:42	1

Lab Sample ID: LCS 880-77050/2-A
 Matrix: Solid
 Analysis Batch: 77088

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 77050

Analyte	Spike	LCS		Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1027		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1082		mg/Kg		108	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-77050/2-A
Matrix: Solid
Analysis Batch: 77088

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77050

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	88		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-77050/3-A
Matrix: Solid
Analysis Batch: 77088

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 77050

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	1000	1086		mg/Kg		109	70 - 130	0		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	94		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: 880-41619-A-1-H MS
Matrix: Solid
Analysis Batch: 77088

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 77050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	702.7		mg/Kg		70	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	851.4		mg/Kg		84	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	83		70 - 130
o-Terphenyl	83		70 - 130

Lab Sample ID: 880-41619-A-1-I MSD
Matrix: Solid
Analysis Batch: 77088

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 77050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	724.7		mg/Kg		72	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	877.8		mg/Kg		86	70 - 130	3		20

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-77051/1-A
 Matrix: Solid
 Analysis Batch: 77086

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 77051

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/24 11:27	04/02/24 07:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 11:27	04/02/24 07:42	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 11:27	04/02/24 07:42	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
1-Chlorooctane	174	S1+	70 - 130	04/01/24 11:27	04/02/24 07:42	1			
o-Terphenyl	238	S1+	70 - 130	04/01/24 11:27	04/02/24 07:42	1			

Lab Sample ID: LCS 880-77051/2-A
 Matrix: Solid
 Analysis Batch: 77086

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 77051

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	968.4		mg/Kg		97	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane	95		70 - 130				
o-Terphenyl	120		70 - 130				

Lab Sample ID: LCSD 880-77051/3-A
 Matrix: Solid
 Analysis Batch: 77086

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 77051

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1183		mg/Kg		118	70 - 130	20	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	107		70 - 130						
o-Terphenyl	141	S1+	70 - 130						

Lab Sample ID: 880-41619-A-21-F MS
 Matrix: Solid
 Analysis Batch: 77086

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 77051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1003		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-41619-A-21-F MS
Matrix: Solid
Analysis Batch: 77086

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 77051

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-41619-A-21-G MSD
Matrix: Solid
Analysis Batch: 77086

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 77051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	944.8		mg/Kg		91	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	988.5		mg/Kg		96	70 - 130	1		20

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: MB 880-77079/1-A
Matrix: Solid
Analysis Batch: 77092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 08:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/24 15:00	04/02/24 08:53	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	176	S1+	70 - 130	04/01/24 15:00	04/02/24 08:53	1
o-Terphenyl	176	S1+	70 - 130	04/01/24 15:00	04/02/24 08:53	1

Lab Sample ID: LCS 880-77079/2-A
Matrix: Solid
Analysis Batch: 77092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77079

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	971.8		mg/Kg		97	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1039		mg/Kg		104	70 - 130	

Surrogate	%Recovery	LCS LCS Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	115		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-77079/3-A
 Matrix: Solid
 Analysis Batch: 77092

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 77079

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	988.6		mg/Kg		99	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130	3	20	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier	Limits						
1-Chlorooctane		105		70 - 130						
o-Terphenyl		112		70 - 130						

Lab Sample ID: 880-41621-A-1-C MS
 Matrix: Solid
 Analysis Batch: 77092

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 77079

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	999	1260		mg/Kg		123	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1139		mg/Kg		109	70 - 130		
		MS	MS								
Surrogate		%Recovery	Qualifier	Limits							
1-Chlorooctane		130		70 - 130							
o-Terphenyl		109		70 - 130							

Lab Sample ID: 880-41621-A-1-D MSD
 Matrix: Solid
 Analysis Batch: 77092

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 77079

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	999	1375	F1	mg/Kg		135	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1172		mg/Kg		113	70 - 130	3	20
		MSD	MSD								
Surrogate		%Recovery	Qualifier	Limits							
1-Chlorooctane		138	S1+	70 - 130							
o-Terphenyl		110		70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-77048/1-A
 Matrix: Solid
 Analysis Batch: 77116

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			04/02/24 21:11	1

QC Sample Results

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-77048/2-A
 Matrix: Solid
 Analysis Batch: 77116

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	226.9		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-77048/3-A
 Matrix: Solid
 Analysis Batch: 77116

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	226.5		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-41620-1 MS
 Matrix: Solid
 Analysis Batch: 77116

Client Sample ID: H-1 (0-0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	64.1		250	298.2		mg/Kg		94	90 - 110

Lab Sample ID: 880-41620-1 MSD
 Matrix: Solid
 Analysis Batch: 77116

Client Sample ID: H-1 (0-0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	64.1		250	297.0		mg/Kg		93	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 77045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-41620-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-41620-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-41620-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-41620-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-41620-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-41620-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-41620-8	H-8 (0-0.5')	Total/NA	Solid	5035	
MB 880-77045/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77045/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-77045/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-41620-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-41620-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 77095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-1	H-1 (0-0.5')	Total/NA	Solid	8021B	77045
880-41620-2	H-2 (0-0.5')	Total/NA	Solid	8021B	77045
880-41620-3	H-3 (0-0.5')	Total/NA	Solid	8021B	77045
880-41620-4	H-4 (0-0.5')	Total/NA	Solid	8021B	77045
880-41620-5	H-5 (0-0.5')	Total/NA	Solid	8021B	77045
880-41620-6	H-6 (0-0.5')	Total/NA	Solid	8021B	77045
880-41620-7	H-7 (0-0.5')	Total/NA	Solid	8021B	77045
880-41620-8	H-8 (0-0.5')	Total/NA	Solid	8021B	77045
MB 880-77045/5-A	Method Blank	Total/NA	Solid	8021B	77045
LCS 880-77045/1-A	Lab Control Sample	Total/NA	Solid	8021B	77045
LCSD 880-77045/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77045
880-41620-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	77045
880-41620-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	77045

Analysis Batch: 77151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-41620-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-41620-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-41620-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-41620-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-41620-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-41620-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-41620-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 77050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-41620-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-41620-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-77050/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77050/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77050/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 77050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41619-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-41619-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 77051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-41620-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-41620-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-41620-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-77051/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77051/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-77051/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41619-A-21-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-41619-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 77079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-77079/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77079/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-77079/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41621-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-41621-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 77086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	77051
880-41620-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	77051
880-41620-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	77051
880-41620-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	77051
MB 880-77051/1-A	Method Blank	Total/NA	Solid	8015B NM	77051
LCS 880-77051/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77051
LCS 880-77051/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77051
880-41619-A-21-F MS	Matrix Spike	Total/NA	Solid	8015B NM	77051
880-41619-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	77051

Analysis Batch: 77088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	77050
880-41620-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	77050
880-41620-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	77050
MB 880-77050/1-A	Method Blank	Total/NA	Solid	8015B NM	77050
LCS 880-77050/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77050
LCS 880-77050/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77050
880-41619-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	77050
880-41619-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	77050

Analysis Batch: 77092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	77079
MB 880-77079/1-A	Method Blank	Total/NA	Solid	8015B NM	77079

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QC Association Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 77092 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-77079/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77079
LCSD 880-77079/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77079
880-41621-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	77079
880-41621-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	77079

Analysis Batch: 77148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-41620-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-41620-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-41620-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-41620-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-41620-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-41620-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-41620-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 77048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-41620-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-41620-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-41620-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-41620-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-41620-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-41620-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-41620-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-77048/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77048/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77048/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41620-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-41620-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 77116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41620-1	H-1 (0-0.5')	Soluble	Solid	300.0	77048
880-41620-2	H-2 (0-0.5')	Soluble	Solid	300.0	77048
880-41620-3	H-3 (0-0.5')	Soluble	Solid	300.0	77048
880-41620-4	H-4 (0-0.5')	Soluble	Solid	300.0	77048
880-41620-5	H-5 (0-0.5')	Soluble	Solid	300.0	77048
880-41620-6	H-6 (0-0.5')	Soluble	Solid	300.0	77048
880-41620-7	H-7 (0-0.5')	Soluble	Solid	300.0	77048
880-41620-8	H-8 (0-0.5')	Soluble	Solid	300.0	77048
MB 880-77048/1-A	Method Blank	Soluble	Solid	300.0	77048
LCS 880-77048/2-A	Lab Control Sample	Soluble	Solid	300.0	77048
LCSD 880-77048/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77048
880-41620-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	77048
880-41620-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	77048

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-41620-1

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77151	04/02/24 13:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			77148	04/02/24 17:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77051	04/01/24 12:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77086	04/02/24 17:11	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 21:25	SMC	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-41620-2

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77151	04/02/24 13:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			77148	04/02/24 17:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77051	04/01/24 12:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77086	04/02/24 17:31	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 21:40	SMC	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-41620-3

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77151	04/02/24 14:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			77148	04/02/24 17:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77051	04/01/24 12:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77086	04/02/24 17:51	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 21:45	SMC	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-41620-4

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 14:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77151	04/02/24 14:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-41620-4

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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			77148	04/02/24 18:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77051	04/01/24 12:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77086	04/02/24 18:11	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 21:49	SMC	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-41620-5

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77151	04/02/24 14:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			77148	04/02/24 17:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	77050	04/01/24 11:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77088	04/02/24 17:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 21:54	SMC	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-41620-6

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 15:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77151	04/02/24 15:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			77148	04/02/24 17:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77050	04/01/24 11:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77088	04/02/24 17:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 22:09	SMC	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-41620-7

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 15:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77151	04/02/24 15:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			77148	04/02/24 18:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77050	04/01/24 11:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77088	04/02/24 18:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-41620-7

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 22:14	SMC	EET MID

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-41620-8

Date Collected: 03/28/24 00:00

Matrix: Solid

Date Received: 04/01/24 10:17

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	77045	04/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77095	04/02/24 16:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77151	04/02/24 16:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			77148	04/02/24 19:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77079	04/01/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77092	04/02/24 19:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77048	04/01/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77116	04/02/24 22:18	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
 Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
 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	T104704400-23-26	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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	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

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Method Summary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

Job ID: 880-41620-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Rosemary Riser Spill

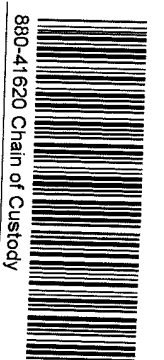
Job ID: 880-41620-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-41620-1	H-1 (0-0.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41620-2	H-2 (0-0.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41620-3	H-3 (0-0.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41620-4	H-4 (0-0.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41620-5	H-5 (0-0.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41620-6	H-6 (0-0.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41620-7	H-7 (0-0.5')	Solid	03/28/24 00:00	04/01/24 10:17
880-41620-8	H-8 (0-0.5')	Solid	03/28/24 00:00	04/01/24 10:17

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Page 1 of 1

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland TX 79706
Phone	(432) 813-6823	Email	Todd.Wells@eogresources.com

Work Order Comments	
Program	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund <input type="checkbox"/>
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other <input type="checkbox"/>

Project Name	Project Number	Project Location	Sampler's Name	PO #	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes	
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date	72 Hours	BTEX 8021B		TPH 8015M (GRO + DRO + MRO)
Rosemary Riser Spill	2314	Lea County, New Mexico	IR		<input type="checkbox"/> Wet Ice							
SAMPLE RECEIPT					TERR Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID					
Received Intact:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor					
Cooler Custody Seals					Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Temperature Reading					
Sample Custody Seals					Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Corrected Temperature					
Total Containers												
Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont							
H-1 (0-0 5')	3/28/2024	X		G	1	X	X	X				
H-2 (0-0 5')	3/28/2024	X		G	1	X	X	X				
H-3 (0-0 5')	3/28/2024	X		G	1	X	X	X				
H-4 (0-0 5')	3/28/2024	X		G	1	X	X	X				
H-5 (0-0 5')	3/28/2024	X		G	1	X	X	X				
H-6 (0-0 5')	3/28/2024	X		G	1	X	X	X				
H-7 (0-0 5')	3/28/2024	X		G	1	X	X	X				
H-8 (0-0 5')	3/28/2024	X		G	1	X	X	X				

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>[Signature]</i>	10/17	<i>[Signature]</i>	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-41620-1
SDG Number: Lea County, New Mexico

Login Number: 41620

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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

February 21, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: ROSEMARY RISER SPILL

Enclosed are the results of analyses for samples received by the laboratory on 02/20/25 16:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 1 (1.5') (H251032-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.18	109	2.00	3.24	
Toluene*	<0.050	0.050	02/21/2025	ND	2.27	114	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.46	123	2.00	0.207	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	7.41	124	6.00	0.492	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 2 (1.5') (H251032-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.18	109	2.00	3.24	
Toluene*	<0.050	0.050	02/21/2025	ND	2.27	114	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.46	123	2.00	0.207	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	7.41	124	6.00	0.492	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/21/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 3 (1.5') (H251032-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.18	109	2.00	3.24	
Toluene*	<0.050	0.050	02/21/2025	ND	2.27	114	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.46	123	2.00	0.207	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	7.41	124	6.00	0.492	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/21/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 4 (1.5') (H251032-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40	QM-07
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77	QM-07
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84	QM-07
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82	QM-07
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/21/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 5 (1.5') (H251032-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/21/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 6 (1.5') (H251032-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 7 (1.5') (H251032-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 8 (1.5') (H251032-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 9 (1.5') (H251032-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 10 (1.5') (H251032-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 11 (1.5') (H251032-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 12 (1.5') (H251032-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/21/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 65.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 13 (1.5') (H251032-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 14 (1.5') (H251032-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 15 (1.5') (H251032-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 16 (1.5') (H251032-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 17 (1.5') (H251032-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	202	101	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	200	100	200	3.65		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 18 (1.5') (H251032-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 19 (1.5') (H251032-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 20 (1.5') (H251032-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 21 (1.5') (H251032-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 22 (1.5') (H251032-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 23 (1.5') (H251032-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.13	106	2.00	1.40		
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.77		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	1.84		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.08	101	6.00	1.82		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 24 (1.5') (H251032-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/20/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/20/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/21/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 25 (1.5') (H251032-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/20/2025	ND	2.02	101	2.00	1.44		
Toluene*	<0.050	0.050	02/20/2025	ND	2.20	110	2.00	0.0603		
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.34	117	2.00	0.238		
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.97	116	6.00	0.269		
Total BTEX	<0.300	0.300	02/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/21/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 26 (1.5') (H251032-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/20/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/20/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 27 (1.5') (H251032-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/20/2025	ND	2.02	101	2.00	1.44		
Toluene*	<0.050	0.050	02/20/2025	ND	2.20	110	2.00	0.0603		
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.34	117	2.00	0.238		
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.97	116	6.00	0.269		
Total BTEX	<0.300	0.300	02/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/21/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 28 (1.5') (H251032-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 29 (1.5') (H251032-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 30 (1.5') (H251032-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44		
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238		
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269		
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/21/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 31 (1.5') (H251032-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 1 (1.5') (H251032-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 2 (1.5') (H251032-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 3 (1.5') (H251032-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 4 (1.5') (H251032-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 5 (1.5') (H251032-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 6 (1.5') (H251032-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	233	117	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	235	117	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 7 (1.5') (H251032-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	219	109	200	0.358	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	218	109	200	0.359	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 8 (1.5') (H251032-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	219	109	200	0.358	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	218	109	200	0.359	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 9 (1.5') (H251032-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	219	109	200	0.358	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	218	109	200	0.359	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 10 (1.5') (H251032-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	219	109	200	0.358	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	218	109	200	0.359	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 64.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 11 (1.5') (H251032-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	219	109	200	0.358	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	218	109	200	0.359	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 12 (1.5') (H251032-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.02	101	2.00	1.44	
Toluene*	<0.050	0.050	02/21/2025	ND	2.20	110	2.00	0.0603	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.34	117	2.00	0.238	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.97	116	6.00	0.269	
Total BTEX	<0.300	0.300	02/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/21/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	219	109	200	0.358	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	218	109	200	0.359	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					

Surrogate: 1-Chlorooctane 68.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 13 (1.5') (H251032-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2025	ND	2.00	100	2.00	4.18		
Toluene*	<0.050	0.050	02/21/2025	ND	2.19	109	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.28	114	2.00	4.33	GC-NC	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.79	113	6.00	3.97	GC-NC	
Total BTEX	<0.300	0.300	02/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/21/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	219	109	200	0.358		
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	218	109	200	0.359		
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND						

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 185032

Page 3 of 5

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd.Wells@eogresources.com

Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> HRC <input type="checkbox"/> Perturb State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV	Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
						BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
21 CS-21 (1.5')	2/20/2025	X		Comp	1	X	X	X	None: NO DI Water: H ₂ O
22 CS-22 (1.5')	2/20/2025	X		Comp	1	X	X	X	Cool: Cool MeOH: Me
23 CS-23 (1.5')	2/20/2025	X		Comp	1	X	X	X	HCL: HC HNO ₃ : HN
24 CS-24 (1.5')	2/20/2025	X		Comp	1	X	X	X	H ₂ SO ₄ : H ₂ NaOH: Na
25 CS-25 (1.5')	2/20/2025	X		Comp	1	X	X	X	H ₃ PO ₄ : HP
26 CS-26 (1.5')	2/20/2025	X		Comp	1	X	X	X	NaHSO ₄ : NABIS
27 CS-27 (1.5')	2/20/2025	X		Comp	1	X	X	X	Na ₂ S ₂ O ₃ : NaSO ₃
28 CS-28 (1.5')	2/20/2025	X		Comp	1	X	X	X	Zn Acetate+NaOH: Zn
29 CS-29 (1.5')	2/20/2025	X		Comp	1	X	X	X	NaOH+Ascorbic Acid: SAPC
30 CS-30 (1.5')	2/20/2025	X		Comp	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	2-20-25 / 1:35	<i>[Signature]</i>	2-20-25-10:39

Chain of Custody

Work Order No: 1851032

Page 4 of 5

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments	
Program: UST/PRP	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Rosemary Riser Spill	Turn Around	Post Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2314	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:	24 Hours													Cool: Cool	MeOH: Me	
Sampler's Name:	JR															HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	#100														Na ₂ S ₂ O ₅ : NASO ₅	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.9°C														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:	8.2°C														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments								
CS-31 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-1 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-2 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-3 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-4 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-5 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-6 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-7 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-8 (1.5')	2/20/2025	X		Comp	1	X	X	X																		
SW-9 (1.5')	2/20/2025	X		Comp	1	X	X	X																		

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	2-20-25 1:35	<i>[Signature]</i>	2-20-25 1:39



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

February 24, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: ROSEMARY RISER SPILL

Enclosed are the results of analyses for samples received by the laboratory on 02/21/25 16:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 32 (2') (H251061-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 33 (2') (H251061-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 34 (2') (H251061-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24		
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	QM-07	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	QM-07	
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/23/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 35 (2') (H251061-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24		
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/23/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 36 (2') (H251061-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 37 (2') (H251061-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24		
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/23/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 38 (2') (H251061-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24		
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/23/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 39 (2') (H251061-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24		
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/23/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 40 (2') (H251061-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24		
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/23/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 52.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 49.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 41 (2') (H251061-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 42 (2') (H251061-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24		
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	02/23/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 43 (2') (H251061-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	100	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 44 (2') (H251061-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 45 (2') (H251061-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 46 (2') (H251061-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 47 (2') (H251061-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 48 (2') (H251061-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 49 (2') (H251061-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 50 (2') (H251061-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 51 (2') (H251061-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/23/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 52 (2') (H251061-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24		
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 64.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 53 (2') (H251061-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.15	108	2.00	1.24	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.239	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.34	117	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.99	117	6.00	2.37	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 54 (2') (H251061-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 55 (2') (H251061-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 56 (2') (H251061-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835		
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 57 (2') (H251061-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835		
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 58 (2') (H251061-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 59 (2') (H251061-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 60 (2') (H251061-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 61 (2') (H251061-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835		
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 62 (2') (H251061-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 63 (2') (H251061-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835		
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	227	113	200	0.0953		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	104	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 64 (2') (H251061-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835		
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 65 (2') (H251061-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 66 (2') (H251061-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 67 (2') (H251061-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835		
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 68 (2') (H251061-37)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835		
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 69 (2') (H251061-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 70 (2') (H251061-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 71 (2') (H251061-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835		
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 72 (2') (H251061-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 73 (2') (H251061-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.93	96.4	2.00	0.835	
Toluene*	<0.050	0.050	02/22/2025	ND	2.04	102	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.00	100	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	5.87	97.9	6.00	1.64	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 74 (2') (H251061-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 75 (2') (H251061-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616		
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 76 (2') (H251061-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616		
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 77 (2') (H251061-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616		
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 78 (2') (H251061-47)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616		
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 79 (2') (H251061-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 80 (2') (H251061-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 81 (2') (H251061-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 82 (2') (H251061-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 83 (2') (H251061-52)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616		
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	213	106	200	8.22		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.8	200	8.29		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: CS - 84 (2') (H251061-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 14 (2') (H251061-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 15 (2') (H251061-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 16 (2') (H251061-56)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 17 (2') (H251061-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 18 (2') (H251061-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 19 (2') (H251061-59)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/24/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 20 (2') (H251061-60)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616		
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378		
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600		
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641		
Total BTEX	<0.300	0.300	02/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/24/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06		
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50		
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND						

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 21 (2') (H251061-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 22 (2') (H251061-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.4	2.00	0.616	
Toluene*	<0.050	0.050	02/22/2025	ND	2.07	104	2.00	0.378	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.10	105	2.00	0.600	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.41	107	6.00	0.641	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 23 (2') (H251061-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 24 (2') (H251061-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 25 (2') (H251061-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 26 (2') (H251061-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 27 (2') (H251061-67)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 28 (2') (H251061-68)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 29 (2') (H251061-69)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 30 (2') (H251061-70)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 31 (2') (H251061-71)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: SW - 32 (2') (H251061-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	1.06	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	193	96.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

HA57061

Page 1 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Deepfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Rosemary Riser Spill	Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number:	2314	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush				None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea County, New Mexico	Due Date:	24 Hours			
Sampler's Name:	JR					
PO #:						
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#140			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	+0.3°C			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	8.8°C			
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	8.5°C			

Sample Identification	Date	Soil	Water	Grab Comp	# of Cont	Parameters	Sample Comments
CS-32 (2)	2/21/2025	X		Comp	1	BTEX 8021B	
CS-33 (2)	2/21/2025	X		Comp	1	TPH 8015M (GRO + DRO + MRO)	
CS-34 (2)	2/21/2025	X		Comp	1	Chloride 4500	
CS-35 (2)	2/21/2025	X		Comp	1		
CS-36 (2)	2/21/2025	X		Comp	1		
CS-37 (2)	2/21/2025	X		Comp	1		
CS-38 (2)	2/21/2025	X		Comp	1		
CS-39 (2)	2/21/2025	X		Comp	1		
CS-40 (2)	2/21/2025	X		Comp	1		
CS-41 (2)	2/21/2025	X		Comp	1		

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	2-21-25 1619	<i>[Signature]</i>	2-21-25 1419

Chain of Custody

Work Order No:

11851061

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Program:	UST/ST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> Deepfund
State of Project:					
Reporting Level:	Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables:	EDD	<input type="checkbox"/> ADAPT	<input type="checkbox"/> Other:		

Project Name:	Rosemary Riser Spill	Turn Around	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Free Code	
Project Number:	2314	Due Date:	24 Hours			
Project Location:	Lea County, New Mexico					
Sampler's Name:	JR					
PO #:						

Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Correction Factor:	#140		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Temperature Reading:	9.82		
Total Containers:		Corrected Temperature:	9.5		

Sample Identification	Date	Soil	Water	Grab Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes			
CS-42 (2)	2/21/2025	X		Comp	1	X	X	X										None: NO	DI Water: H ₂ O
CS-43 (2)	2/21/2025	X		Comp	1	X	X	X										Cool: Cool	MeOH: Me
CS-44 (2)	2/21/2025	X		Comp	1	X	X	X										HCL: HC	HNO ₃ : HN
CS-45 (2)	2/21/2025	X		Comp	1	X	X	X										H ₂ SO ₄ : H ₂	NaOH: Na
CS-46 (2)	2/21/2025	X		Comp	1	X	X	X										H ₂ PO ₄ : HP	
CS-47 (2)	2/21/2025	X		Comp	1	X	X	X										NaHSO ₄ : NABIS	
CS-48 (2)	2/21/2025	X		Comp	1	X	X	X										Na ₂ S ₂ O ₃ : NaSO ₃	
CS-49 (2)	2/21/2025	X		Comp	1	X	X	X										Zn Acetate+NaOH: Zn	
CS-50 (2)	2/21/2025	X		Comp	1	X	X	X										NaOH+Ascorbic Acid: SAPC	
CS-51 (2)	2/21/2025	X		Comp	1	X	X	X											

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike Moehring</i>	2/21/25 16:19	<i>Carmona Resources</i>	2/21/25 16:19

Chain of Custody

Work Order No:

4827061

Page 5 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Deepfund <input type="checkbox"/>
State of Project:	Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Rosemary Riser Spill	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Prep Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	2314	Due Date:	24 Hours				None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea County, New Mexico						
Sampler's Name:	JR						
PO #:							

SAMPLE RECEIPT			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	#140
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	70.3C
Total Containers:		Corrected Temperature:	8.2C

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
CS-72 (2)	2/21/2025	X		Comp	1	BTEX 8021B	
CS-73 (2)	2/21/2025	X		Comp	1	TPH 8015M (GRO + DRO + MRO)	
CS-74 (2)	2/21/2025	X		Comp	1	Chloride 4500	
CS-75 (2)	2/21/2025	X		Comp	1		
CS-76 (2)	2/21/2025	X		Comp	1		
CS-77 (2)	2/21/2025	X		Comp	1		
CS-78 (2)	2/21/2025	X		Comp	1		
CS-79 (2)	2/21/2025	X		Comp	1		
CS-80 (2)	2/21/2025	X		Comp	1		
CS-81 (2)	2/21/2025	X		Comp	1		

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/21/2025 11:18		2/21/2025 11:19

Chain of Custody

Work Order No:

4857061

Page 6 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Program: UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> IRC	<input type="checkbox"/> Deepfund
State of Project:				
Reporting Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	ST/UST
Reporting Level III	<input type="checkbox"/>	Level IV	<input type="checkbox"/>	RRP
Reporting Level IV	<input type="checkbox"/>	Other:		
Deliverables: EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other:

Project Name:	Rosemary Riser Spill	Turn Around	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Free Code	ANALYSIS REQUEST		Preservative Codes
Project Number:	2314	Due Date:	24 Hours					None: NO
Project Location:	Lea County, New Mexico							DI Water: H ₂ O
Sampler's Name:	JR							Cool: Cool
PO #:								HCL: HC
SAMPLE RECEIPT	Temp Blank: Yes (X) No	Thermometer ID:	Wet Ice:	Yes (X) No				H ₂ SO ₄ : H ₂
Received In tact:	Yes (X) No	Correction Factor:						H ₃ PO ₄ : HP
Cooler Custody Seals:	Yes (X) No	Temperature Reading:						NaHSO ₄ : NABIS
Sample Custody Seals:	Yes (X) No	Corrected Temperature:						Na ₂ S ₂ O ₅ : NaSO ₃
Total Containers:								Zn Acetate+NaOH: Zn
								NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	BTEX 8621B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-82 (2)	2/21/2025	X		Comp	1	X	X	X	
CS-83 (2)	2/21/2025	X		Comp	1	X	X	X	
CS-84 (2)	2/21/2025	X		Comp	1	X	X	X	
SW-14 (2)	2/21/2025	X		Comp	1	X	X	X	
SW-15 (2)	2/21/2025	X		Comp	1	X	X	X	
SW-16 (2)	2/21/2025	X		Comp	1	X	X	X	
SW-17 (2)	2/21/2025	X		Comp	1	X	X	X	
SW-18 (2)	2/21/2025	X		Comp	1	X	X	X	
SW-19 (2)	2/21/2025	X		Comp	1	X	X	X	
SW-20 (2)	2/21/2025	X		Comp	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Lea We</i>	2-21-25/109	<i>Mike Carmona</i>	2-21-25/109



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

February 24, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: ROSEMARY RISER SPILL

Enclosed are the results of analyses for samples received by the laboratory on 02/21/25 16:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	ROSEMARY RISER SPILL	Sampling Condition:	Cool & Intact
Project Number:	2314	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

Sample ID: BACKFILL SAMPLE (DESERT DISPOSAL) (H251063-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	1.97	98.3	2.00	2.34	
Toluene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	2.58	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.39	107	6.00	3.07	
Total BTEX	<0.300	0.300	02/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	189	94.7	200	3.11	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	179	89.6	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1938003

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@egoresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 Hours															
Rosemary Riser Spill	2314	Lea County, New Mexico	JR																	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC				
SAMPLE RECEIPT					Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:													Sample Comments				
Cooler Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																		
Sample Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																		
Total Containers:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:																		
Sample Identification					Date	Soil	Water	Grab/Comp	# of Cont															
Backfill Sample (Desert Disposal)					2/21/2025	X		Comp	1	X	X	X												

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	02/21/2025	<i>Todd Wells</i>	



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

May 21, 2026

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: ROSEMARY RISER SPILL

Enclosed are the results of analyses for samples received by the laboratory on 05/15/26 11:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
--	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SUR-1 (SURFACE)	H262764-01	Soil	12-May-26 09:00	15-May-26 11:08
SUR-2 (SURFACE)	H262764-02	Soil	12-May-26 09:05	15-May-26 11:08
SUR-3 (SURFACE)	H262764-03	Soil	12-May-26 09:10	15-May-26 11:08
SUR-4 (SURFACE)	H262764-04	Soil	12-May-26 09:15	15-May-26 11:08
SUR-5 (SURFACE)	H262764-05	Soil	12-May-26 09:20	15-May-26 11:08
SUR-6 (SURFACE)	H262764-06	Soil	12-May-26 09:25	15-May-26 11:08
SUR-7 (SURFACE)	H262764-07	Soil	12-May-26 09:30	15-May-26 11:08
SUR-8 (SURFACE)	H262764-08	Soil	12-May-26 09:35	15-May-26 11:08
SUR-9 (SURFACE)	H262764-09	Soil	12-May-26 09:40	15-May-26 11:08
SUR-10 (SURFACE)	H262764-10	Soil	12-May-26 09:45	15-May-26 11:08
SUR-11 (SURFACE)	H262764-11	Soil	12-May-26 09:50	15-May-26 11:08
SUR-12 (SURFACE)	H262764-12	Soil	12-May-26 09:55	15-May-26 11:08
SUR-13 (SURFACE)	H262764-13	Soil	12-May-26 10:00	15-May-26 11:08
SUR-14 (SURFACE)	H262764-14	Soil	12-May-26 10:05	15-May-26 11:08
SUR-15 (SURFACE)	H262764-15	Soil	12-May-26 10:10	15-May-26 11:08
SUR-16 (SURFACE)	H262764-16	Soil	12-May-26 10:15	15-May-26 11:08
SUR-17 (SURFACE)	H262764-17	Soil	12-May-26 10:20	15-May-26 11:08
SUR-18 (SURFACE)	H262764-18	Soil	12-May-26 10:25	15-May-26 11:08
SUR-19 (SURFACE)	H262764-19	Soil	12-May-26 10:30	15-May-26 11:08
SUR-20 (SURFACE)	H262764-20	Soil	12-May-26 10:35	15-May-26 11:08
SUR-21 (SURFACE)	H262764-21	Soil	12-May-26 10:40	15-May-26 11:08
SUR-22 (SURFACE)	H262764-22	Soil	12-May-26 10:45	15-May-26 11:08
SUR-23 (SURFACE)	H262764-23	Soil	12-May-26 10:50	15-May-26 11:08
SUR-24 (SURFACE)	H262764-24	Soil	12-May-26 10:55	15-May-26 11:08
SUR-25 (SURFACE)	H262764-25	Soil	12-May-26 11:00	15-May-26 11:08
SUR-26 (SURFACE)	H262764-26	Soil	12-May-26 11:05	15-May-26 11:08
SUR-27 (SURFACE)	H262764-27	Soil	12-May-26 11:10	15-May-26 11:08

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Caley D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-28 (SURFACE)	H262764-28	Soil	12-May-26 11:15	15-May-26 11:08
SUR-29 (SURFACE)	H262764-29	Soil	12-May-26 11:20	15-May-26 11:08
SUR-30 (SURFACE)	H262764-30	Soil	12-May-26 11:25	15-May-26 11:08
SUR-31 (SURFACE)	H262764-31	Soil	12-May-26 11:30	15-May-26 11:08
SUR-32 (SURFACE)	H262764-32	Soil	12-May-26 11:35	15-May-26 11:08
SUR-33 (SURFACE)	H262764-33	Soil	12-May-26 11:40	15-May-26 11:08
SUR-34 (SURFACE)	H262764-34	Soil	12-May-26 11:45	15-May-26 11:08
SUR-35 (SURFACE)	H262764-35	Soil	12-May-26 11:50	15-May-26 11:08
SUR-36 (SURFACE)	H262764-36	Soil	12-May-26 12:00	15-May-26 11:08
SUR-37 (SURFACE)	H262764-37	Soil	12-May-26 12:05	15-May-26 11:08
SUR-38 (SURFACE)	H262764-38	Soil	12-May-26 12:10	15-May-26 11:08
SUR-39 (SURFACE)	H262764-39	Soil	12-May-26 12:15	15-May-26 11:08
SUR-40 (SURFACE)	H262764-40	Soil	12-May-26 12:20	15-May-26 11:08
SUR-41 (SURFACE)	H262764-41	Soil	12-May-26 12:25	15-May-26 11:08
SUR-42 (SURFACE)	H262764-42	Soil	12-May-26 12:30	15-May-26 11:08
SUR-43 (SURFACE)	H262764-43	Soil	12-May-26 12:35	15-May-26 11:08
SUR-44 (SURFACE)	H262764-44	Soil	12-May-26 12:40	15-May-26 11:08
SUR-45 (SURFACE)	H262764-45	Soil	12-May-26 12:45	15-May-26 11:08
SUR-46 (SURFACE)	H262764-46	Soil	12-May-26 12:50	15-May-26 11:08
SUR-47 (SURFACE)	H262764-47	Soil	12-May-26 12:55	15-May-26 11:08
SUR-48 (SURFACE)	H262764-48	Soil	12-May-26 13:00	15-May-26 11:08
SUR-49 (SURFACE)	H262764-49	Soil	12-May-26 13:05	15-May-26 11:08
SUR-50 (SURFACE)	H262764-50	Soil	12-May-26 13:10	15-May-26 11:08
SUR-51 (SURFACE)	H262764-51	Soil	12-May-26 13:15	15-May-26 11:08
SUR- 52 (SURFACE)	H262764-52	Soil	12-May-26 13:20	15-May-26 11:08
SUR-53 (SURFACE)	H262764-53	Soil	12-May-26 13:25	15-May-26 11:08
SUR-54 (SURFACE)	H262764-54	Soil	12-May-26 13:30	15-May-26 11:08
SUR-55 (SURFACE)	H262764-55	Soil	12-May-26 13:35	15-May-26 11:08
SUR-56 (SURFACE)	H262764-56	Soil	12-May-26 13:40	15-May-26 11:08
SUR-57 (SURFACE)	H262764-57	Soil	12-May-26 13:45	15-May-26 11:08

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-58 (SURFACE)	H262764-58	Soil	12-May-26 13:50	15-May-26 11:08
SUR-59 (SURFACE)	H262764-59	Soil	12-May-26 13:55	15-May-26 11:08
SUR-60 (SURFACE)	H262764-60	Soil	12-May-26 14:00	15-May-26 11:08
SUR-61 (SURFACE)	H262764-61	Soil	12-May-26 14:05	15-May-26 11:08
SUR-62 (SURFACE)	H262764-62	Soil	12-May-26 14:10	15-May-26 11:08
SUR-63 (SURFACE)	H262764-63	Soil	12-May-26 14:15	15-May-26 11:08
SUR-64 (SURFACE)	H262764-64	Soil	12-May-26 14:20	15-May-26 11:08
SUR-65 (SURFACE)	H262764-65	Soil	12-May-26 14:25	15-May-26 11:08
SUR-66 (SURFACE)	H262764-66	Soil	12-May-26 14:30	15-May-26 11:08
SUR-67 (SURFACE)	H262764-67	Soil	12-May-26 14:35	15-May-26 11:08
SUR-68 (SURFACE)	H262764-68	Soil	12-May-26 14:40	15-May-26 11:08
SUR-69 (SURFACE)	H262764-69	Soil	12-May-26 14:45	15-May-26 11:08
SUR-70 (SURFACE)	H262764-70	Soil	12-May-26 14:50	15-May-26 11:08
SUR-71 (SURFACE)	H262764-71	Soil	12-May-26 14:55	15-May-26 11:08
SUR-72 (SURFACE)	H262764-72	Soil	12-May-26 15:00	15-May-26 11:08
SUR-73 (SURFACE)	H262764-73	Soil	12-May-26 15:05	15-May-26 11:08
SUR-74 (SURFACE)	H262764-74	Soil	12-May-26 15:10	15-May-26 11:08
SUR-75 (SURFACE)	H262764-75	Soil	12-May-26 15:15	15-May-26 11:08
SUR-76 (SURFACE)	H262764-76	Soil	12-May-26 15:20	15-May-26 11:08
SUR-77 (SURFACE)	H262764-77	Soil	12-May-26 15:25	15-May-26 11:08
SUR-78 (SURFACE)	H262764-78	Soil	12-May-26 15:30	15-May-26 11:08
SUR-79 (SURFACE)	H262764-79	Soil	12-May-26 15:35	15-May-26 11:08
SUR-80 (SURFACE)	H262764-80	Soil	12-May-26 15:40	15-May-26 11:08
SUR-81 (SURFACE)	H262764-81	Soil	12-May-26 15:45	15-May-26 11:08
SUR-82 (SURFACE)	H262764-82	Soil	12-May-26 15:50	15-May-26 11:08
SUR-83 (SURFACE)	H262764-83	Soil	12-May-26 15:55	15-May-26 11:08
SUR-84 (SURFACE)	H262764-84	Soil	12-May-26 16:00	15-May-26 11:08
SUR-85 (SURFACE)	H262764-85	Soil	12-May-26 16:05	15-May-26 11:08
SUR-86 (SURFACE)	H262764-86	Soil	12-May-26 16:10	15-May-26 11:08
SUR-87 (SURFACE)	H262764-87	Soil	12-May-26 16:15	15-May-26 11:08

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-88 (SURFACE)	H262764-88	Soil	12-May-26 16:20	15-May-26 11:08
SUR-89 (SURFACE)	H262764-89	Soil	12-May-26 16:25	15-May-26 11:08
SUR-90 (SURFACE)	H262764-90	Soil	12-May-26 16:30	15-May-26 11:08
SUR-91 (SURFACE)	H262764-91	Soil	12-May-26 16:35	15-May-26 11:08
SUR-92 (SURFACE)	H262764-92	Soil	12-May-26 16:40	15-May-26 11:08

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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**SUR-1 (SURFACE)
H262764-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051806	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.2 %	70.4-141		6051555	JH	18-May-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
Surrogate: 1-Chlorooctane			86.3 %	52.4-130		6051544	JF	18-May-26	8015B	
Surrogate: 1-Chlorooctadecane			83.9 %	39.9-141		6051544	JF	18-May-26	8015B	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-2 (SURFACE)

H262764-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051806	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.2 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			94.1 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			93.5 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-3 (SURFACE)

H262764-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051806	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.6 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			81.2 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.7 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-4 (SURFACE)

H262764-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051806	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.6 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			83.5 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			82.0 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-5 (SURFACE)

H262764-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051806	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.8 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.2 %		52.4-130	6051544	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			73.0 %		39.9-141	6051544	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-6 (SURFACE)

H262764-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051806	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.2 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			91.6 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			91.3 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-7 (SURFACE)

H262764-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.7 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.1 %		52.4-130	6051544	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.1 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-8 (SURFACE)

H262764-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.3 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			94.0 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			93.4 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-9 (SURFACE)

H262764-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.0 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			80.0 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			77.7 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-10 (SURFACE)

H262764-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.0 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			86.4 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			86.5 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-11 (SURFACE)

H262764-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.2 %		70.4-141	6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			87.8 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			86.9 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-12 (SURFACE)

H262764-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.2 %	70.4-141		6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.0 %	52.4-130		6051544	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.0 %	39.9-141		6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-13 (SURFACE)

H262764-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.1 %	70.4-141		6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.5 %	52.4-130		6051544	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.6 %	39.9-141		6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-14 (SURFACE)

H262764-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051555	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051555	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051555	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.5 %	70.4-141		6051555	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			86.4 %	52.4-130		6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			85.3 %	39.9-141		6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-15 (SURFACE)

H262764-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	QM-07
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.8 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			78.7 %		52.4-130	6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			76.7 %		39.9-141	6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-16 (SURFACE)

H262764-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.0 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			89.0 %	52.4-130		6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			88.6 %	39.9-141		6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-17 (SURFACE)

H262764-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			<i>91.5 %</i>	<i>70.4-141</i>		<i>6051556</i>	<i>JH</i>	<i>18-May-26</i>	<i>8021B</i>	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			<i>81.9 %</i>	<i>52.4-130</i>		<i>6051544</i>	<i>JF</i>	<i>18-May-26</i>	<i>8015B</i>	
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<i>Surrogate: 1-Chlorooctadecane</i>			<i>80.4 %</i>	<i>39.9-141</i>		<i>6051544</i>	<i>JF</i>	<i>18-May-26</i>	<i>8015B</i>	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-18 (SURFACE)

H262764-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.7 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			90.0 %	52.4-130		6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			89.0 %	39.9-141		6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-19 (SURFACE)

H262764-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.5 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051544	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			86.8 %	52.4-130		6051544	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			85.6 %	39.9-141		6051544	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-20 (SURFACE)

H262764-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.5 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			69.9 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			63.0 %	39.9-141		6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-21 (SURFACE)

H262764-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			87.9 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			85.3 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			78.4 %		39.9-141	6051545	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-22 (SURFACE)

H262764-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.8 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			86.2 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.2 %		39.9-141	6051545	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-23 (SURFACE)

H262764-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.3 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			83.8 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			76.6 %	39.9-141		6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-24 (SURFACE)

H262764-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.0 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			87.0 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			80.0 %	39.9-141		6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-25 (SURFACE)

H262764-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.4 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			88.2 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			82.0 %		39.9-141	6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-26 (SURFACE)

H262764-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051807	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.0 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			94.9 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			88.3 %		39.9-141	6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-27 (SURFACE)

H262764-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.7 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			96.6 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			90.2 %		39.9-141	6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-28 (SURFACE)

H262764-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.5 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			93.5 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			86.7 %	39.9-141		6051545	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-29 (SURFACE)

H262764-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			88.9 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			95.3 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			87.0 %		39.9-141	6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-30 (SURFACE)

H262764-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.5 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			89.2 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			85.2 %	39.9-141		6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-31 (SURFACE)

H262764-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.0 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			89.0 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			82.6 %		39.9-141	6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-32 (SURFACE)

H262764-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.8 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			91.6 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			85.3 %		39.9-141	6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-33 (SURFACE)

H262764-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.3 %		70.4-141	6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			90.8 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			82.5 %		39.9-141	6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-34 (SURFACE)

H262764-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051556	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051556	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051556	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			89.2 %	70.4-141		6051556	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.4 %	52.4-130		6051545	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.3 %	39.9-141		6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-35 (SURFACE)

H262764-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	QM-07
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		70.4-141	6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			90.7 %		52.4-130	6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			83.7 %		39.9-141	6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-36 (SURFACE)

H262764-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			130 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			87.9 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			81.6 %	39.9-141		6051545	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-37 (SURFACE)

H262764-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			123 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			91.4 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			83.1 %	39.9-141		6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-38 (SURFACE)

H262764-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			122 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			91.4 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			86.0 %	39.9-141		6051545	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-39 (SURFACE)

H262764-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			120 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051545	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			91.7 %	52.4-130		6051545	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			85.1 %	39.9-141		6051545	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-40 (SURFACE)

H262764-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			128 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			82.1 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.8 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-41 (SURFACE)

H262764-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			79.7 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			70.8 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-42 (SURFACE)

H262764-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			130 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			78.5 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			70.3 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-43 (SURFACE)

H262764-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			79.2 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			71.1 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-44 (SURFACE)

H262764-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			131 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			77.6 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			70.5 %	39.9-141		6051546	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-45 (SURFACE)

H262764-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			119 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			77.5 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			68.6 %	39.9-141		6051546	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-46 (SURFACE)

H262764-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051808	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			130 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			76.5 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			68.8 %	39.9-141		6051546	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-47 (SURFACE)

H262764-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %		70.4-141	6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			77.2 %		52.4-130	6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			69.5 %		39.9-141	6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-48 (SURFACE)

H262764-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			131 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			80.0 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			71.5 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-49 (SURFACE)

H262764-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			131 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	16.2		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.6 %	52.4-130		6051546	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			69.3 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-50 (SURFACE)

H262764-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			128 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	11.5		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			69.6 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			62.7 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-51 (SURFACE)

H262764-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			65.6 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			58.9 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR- 52 (SURFACE)

H262764-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			126 %	70.4-141		6051557	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	11.4		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			68.0 %	52.4-130		6051546	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			61.8 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-53 (SURFACE)

H262764-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	19-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	70.4-141		6051557	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			61.4 %	52.4-130		6051546	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			55.4 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-54 (SURFACE)

H262764-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051557	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051557	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051557	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051557	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051557	JH	19-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	70.4-141		6051557	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			70.9 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			64.0 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-55 (SURFACE)

H262764-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	128		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	QM-07
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.6 %		70.4-141	6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	13.6		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			70.0 %		52.4-130	6051546	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			63.9 %		39.9-141	6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-56 (SURFACE)

H262764-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	128		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.2 %		70.4-141	6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	15.8		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.1 %		52.4-130	6051546	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			68.6 %		39.9-141	6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-57 (SURFACE)

H262764-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.6 %		70.4-141	6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	15.6		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.8 %		52.4-130	6051546	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			68.2 %		39.9-141	6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-58 (SURFACE)

H262764-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			91.7 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.0 %	52.4-130		6051546	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			65.9 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-59 (SURFACE)

H262764-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.2 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051546	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			73.6 %	52.4-130		6051546	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			67.7 %	39.9-141		6051546	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-60 (SURFACE)

H262764-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.4 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	12.8		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.4 %	52.4-130		6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			76.4 %	39.9-141		6051547	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-61 (SURFACE)

H262764-61 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.5 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.7 %	52.4-130		6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			67.8 %	39.9-141		6051547	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-62 (SURFACE)

H262764-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.6 %		70.4-141	6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	16.2		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.2 %		52.4-130	6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.2 %		39.9-141	6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-63 (SURFACE)

H262764-63 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.4 %		70.4-141	6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			80.0 %		52.4-130	6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			71.7 %		39.9-141	6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-64 (SURFACE)

H262764-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.8 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	14.9		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.2 %	52.4-130		6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			73.4 %	39.9-141		6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-65 (SURFACE)

H262764-65 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.4 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	15.7		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.5 %	52.4-130		6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.2 %	39.9-141		6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-66 (SURFACE)

H262764-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051809	KH	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.5 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			80.6 %	52.4-130		6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.1 %	39.9-141		6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-67 (SURFACE)

H262764-67 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	6051810	ED	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.0 %		70.4-141	6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	17.6		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.5 %		52.4-130	6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.8 %		39.9-141	6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-68 (SURFACE)

H262764-68 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.2 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			82.5 %	52.4-130		6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.7 %	39.9-141		6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-69 (SURFACE)

H262764-69 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.1 %		70.4-141	6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	17.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.4 %		52.4-130	6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.5 %		39.9-141	6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-70 (SURFACE)

H262764-70 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.4 %	70.4-141		6051558	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			72.7 %	52.4-130		6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			64.0 %	39.9-141		6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-71 (SURFACE)

H262764-71 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	128		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	19-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			91.0 %		70.4-141	6051558	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	15.7		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.3 %		52.4-130	6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.0 %		39.9-141	6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-72 (SURFACE)

H262764-72 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	19-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.8 %		70.4-141	6051558	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			73.7 %		52.4-130	6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			70.8 %		39.9-141	6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-73 (SURFACE)

H262764-73 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	19-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.1 %	70.4-141		6051558	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			80.9 %	52.4-130		6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.0 %	39.9-141		6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-74 (SURFACE)

H262764-74 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051558	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051558	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051558	JH	19-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.8 %		70.4-141	6051558	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			83.2 %		52.4-130	6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			75.1 %		39.9-141	6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-75 (SURFACE)

H262764-75 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.5 %	70.4-141		6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			88.1 %	52.4-130		6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.6 %	39.9-141		6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-76 (SURFACE)

H262764-76 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.6 %	70.4-141		6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			84.7 %	52.4-130		6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			75.5 %	39.9-141		6051547	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-77 (SURFACE)

H262764-77 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.8 %		70.4-141	6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			79.5 %		52.4-130	6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			70.6 %		39.9-141	6051547	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-78 (SURFACE)

H262764-78 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	128		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.6 %		70.4-141	6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	86.1		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.9 %		52.4-130	6051547	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.7 %		39.9-141	6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-79 (SURFACE)

H262764-79 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.7 %	70.4-141		6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051547	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			74.1 %	52.4-130		6051547	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			67.4 %	39.9-141		6051547	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-80 (SURFACE)

H262764-80 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.1 %	70.4-141		6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			59.0 %	52.4-130		6051566	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			55.9 %	39.9-141		6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-81 (SURFACE)

H262764-81 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.8 %	70.4-141		6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.9 %	52.4-130		6051566	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			70.4 %	39.9-141		6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-82 (SURFACE)

H262764-82 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.1 %	70.4-141		6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			71.1 %	52.4-130		6051566	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			66.1 %	39.9-141		6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-83 (SURFACE)

H262764-83 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.8 %		70.4-141	6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			75.7 %		52.4-130	6051566	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			70.3 %		39.9-141	6051566	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-84 (SURFACE)

H262764-84 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.1 %		70.4-141	6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			76.2 %		52.4-130	6051566	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			71.2 %		39.9-141	6051566	JF	18-May-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-85 (SURFACE)

H262764-85 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.5 %	70.4-141		6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			73.1 %	52.4-130		6051566	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			68.6 %	39.9-141		6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-86 (SURFACE)

H262764-86 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051810	ED	18-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	18-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	18-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	18-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.4 %	70.4-141		6051559	JH	18-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			72.7 %	52.4-130		6051566	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			67.2 %	39.9-141		6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-87 (SURFACE)

H262764-87 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051811	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	19-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.1 %		70.4-141	6051559	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.1 %		52.4-130	6051566	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			66.8 %		39.9-141	6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-88 (SURFACE)

H262764-88 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	6051811	AC	19-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	19-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.2 %		70.4-141	6051559	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	17.6		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.6 %		52.4-130	6051566	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			72.5 %		39.9-141	6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-89 (SURFACE)

H262764-89 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051811	AC	19-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	19-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.9 %	70.4-141		6051559	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			69.9 %	52.4-130		6051566	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			64.8 %	39.9-141		6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-90 (SURFACE)

H262764-90 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051811	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	19-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.7 %	70.4-141		6051559	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.1 %	52.4-130		6051566	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			73.7 %	39.9-141		6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-91 (SURFACE)

H262764-91 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6051811	AC	19-May-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	19-May-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.1 %		70.4-141	6051559	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

Surrogate: 1-Chlorooctane			77.7 %		52.4-130	6051566	JF	18-May-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.0 %		39.9-141	6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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SUR-92 (SURFACE)

H262764-92 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6051811	AC	19-May-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6051559	JH	19-May-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6051559	JH	19-May-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6051559	JH	19-May-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.5 %	70.4-141		6051559	JH	19-May-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6051566	JF	18-May-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.5 %	52.4-130		6051566	JF	18-May-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			66.3 %	39.9-141		6051566	JF	18-May-26	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051806 - 1:4 DI Water

Blank (6051806-BLK1)				Prepared & Analyzed: 18-May-26						
Chloride	ND	16.0	mg/kg							
LCS (6051806-BS1)				Prepared & Analyzed: 18-May-26						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (6051806-BSD1)				Prepared & Analyzed: 18-May-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

Batch 6051807 - 1:4 DI Water

Blank (6051807-BLK1)				Prepared & Analyzed: 18-May-26						
Chloride	ND	16.0	mg/kg							
LCS (6051807-BS1)				Prepared & Analyzed: 18-May-26						
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (6051807-BSD1)				Prepared & Analyzed: 18-May-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	

Batch 6051808 - 1:4 DI Water

Blank (6051808-BLK1)				Prepared: 18-May-26 Analyzed: 19-May-26						
Chloride	ND	16.0	mg/kg							
LCS (6051808-BS1)				Prepared: 18-May-26 Analyzed: 19-May-26						
Chloride	432	16.0	mg/kg	400		108	80-120			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051808 - 1:4 DI Water

LCS Dup (6051808-BSD1)				Prepared: 18-May-26 Analyzed: 19-May-26						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

Batch 6051809 - 1:4 DI Water

Blank (6051809-BLK1)				Prepared & Analyzed: 18-May-26						
Chloride	ND	16.0	mg/kg							

LCS (6051809-BS1)				Prepared & Analyzed: 18-May-26						
Chloride	416	16.0	mg/kg	400		104	80-120			

LCS Dup (6051809-BSD1)				Prepared & Analyzed: 18-May-26						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

Batch 6051810 - 1:4 DI Water

Blank (6051810-BLK1)				Prepared & Analyzed: 18-May-26						
Chloride	ND	16.0	mg/kg							

LCS (6051810-BS1)				Prepared & Analyzed: 18-May-26						
Chloride	448	16.0	mg/kg	400		112	80-120			

LCS Dup (6051810-BSD1)				Prepared & Analyzed: 18-May-26						
Chloride	448	16.0	mg/kg	400		112	80-120	0.00	20	

Batch 6051811 - 1:4 DI Water

Blank (6051811-BLK1)				Prepared: 18-May-26 Analyzed: 19-May-26						
Chloride	ND	16.0	mg/kg							

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051811 - 1:4 DI Water

LCS (6051811-BS1)

Prepared: 18-May-26 Analyzed: 19-May-26

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (6051811-BSD1)

Prepared: 18-May-26 Analyzed: 19-May-26

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: ROSEMARY RISER SPILL
Project Number: 2314
Project Manager: CONNER MOEHRING
Fax To:

Reported:
21-May-26 13:51

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051555 - Volatiles**Blank (6051555-BLK1)**

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		96.2	70.4-141			

LCS (6051555-BS1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	2.10	0.050	mg/kg	2.00		105	71-111			
Toluene	2.01	0.050	mg/kg	2.00		100	75-116			
Ethylbenzene	1.94	0.050	mg/kg	2.00		96.8	74.2-119			
m,p-Xylene	3.77	0.100	mg/kg	4.00		94.3	72.5-123			
o-Xylene	1.90	0.050	mg/kg	2.00		94.9	70.5-124			
Total Xylenes	5.67	0.150	mg/kg	6.00		94.5	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0477		mg/kg	0.0500		95.4	70.4-141			

LCS Dup (6051555-BSD1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	2.13	0.050	mg/kg	2.00		107	71-111	1.54	17.6	
Toluene	2.05	0.050	mg/kg	2.00		102	75-116	1.99	14.8	
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.3	74.2-119	1.49	14.2	
m,p-Xylene	3.83	0.100	mg/kg	4.00		95.7	72.5-123	1.44	13.6	
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	70.5-124	1.65	13.7	
Total Xylenes	5.76	0.150	mg/kg	6.00		96.0	72.2-123	1.51	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0470		mg/kg	0.0500		94.1	70.4-141			

Batch 6051556 - Volatiles**Blank (6051556-BLK1)**

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: ROSEMARY RISER SPILL
Project Number: 2314
Project Manager: CONNER MOEHRING
Fax To:

Reported:
21-May-26 13:51

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051556 - Volatiles**Blank (6051556-BLK1)**

Prepared: 15-May-26 Analyzed: 18-May-26

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		91.3	70.4-141			

LCS (6051556-BS1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	2.02	0.050	mg/kg	2.00		101	71-111			
Toluene	1.81	0.050	mg/kg	2.00		90.4	75-116			
Ethylbenzene	1.75	0.050	mg/kg	2.00		87.3	74.2-119			
m,p-Xylene	3.54	0.100	mg/kg	4.00		88.6	72.5-123			
o-Xylene	1.74	0.050	mg/kg	2.00		87.1	70.5-124			
Total Xylenes	5.28	0.150	mg/kg	6.00		88.1	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0419		mg/kg	0.0500		83.9	70.4-141			

LCS Dup (6051556-BSD1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	2.13	0.050	mg/kg	2.00		107	71-111	5.66	17.6	
Toluene	1.88	0.050	mg/kg	2.00		94.0	75-116	3.92	14.8	
Ethylbenzene	1.84	0.050	mg/kg	2.00		92.2	74.2-119	5.41	14.2	
m,p-Xylene	3.73	0.100	mg/kg	4.00		93.3	72.5-123	5.16	13.6	
o-Xylene	1.85	0.050	mg/kg	2.00		92.3	70.5-124	5.86	13.7	
Total Xylenes	5.58	0.150	mg/kg	6.00		93.0	72.2-123	5.39	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0424		mg/kg	0.0500		84.7	70.4-141			

Batch 6051557 - Volatiles**Blank (6051557-BLK1)**

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.101		mg/kg	0.100		101	70.4-141			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051557 - Volatiles

LCS (6051557-BS1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	2.14	0.050	mg/kg	2.00		107	71-111			
Toluene	2.11	0.050	mg/kg	2.00		105	75-116			
Ethylbenzene	2.26	0.050	mg/kg	2.00		113	74.2-119			
m,p-Xylene	4.42	0.100	mg/kg	4.00		110	72.5-123			
o-Xylene	2.34	0.050	mg/kg	2.00		117	70.5-124			
Total Xylenes	6.75	0.150	mg/kg	6.00		113	72.2-123			

Surrogate: 4-Bromofluorobenzene (PID)	0.116		mg/kg	0.100		116	70.4-141			
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LCS Dup (6051557-BS1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	2.23	0.050	mg/kg	2.00		111	71-111	4.21	17.6	
Toluene	2.12	0.050	mg/kg	2.00		106	75-116	0.412	14.8	
Ethylbenzene	2.17	0.050	mg/kg	2.00		109	74.2-119	4.05	14.2	
m,p-Xylene	4.24	0.100	mg/kg	4.00		106	72.5-123	3.96	13.6	
o-Xylene	2.23	0.050	mg/kg	2.00		111	70.5-124	4.93	13.7	
Total Xylenes	6.47	0.150	mg/kg	6.00		108	72.2-123	4.29	13.3	

Surrogate: 4-Bromofluorobenzene (PID)	0.101		mg/kg	0.100		101	70.4-141			
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Batch 6051558 - Volatiles

Blank (6051558-BLK1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		92.1	70.4-141			
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051558 - Volatiles

LCS (6051558-BS1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	1.97	0.050	mg/kg	2.00		98.7	71-111			
Toluene	1.89	0.050	mg/kg	2.00		94.4	75-116			
Ethylbenzene	1.86	0.050	mg/kg	2.00		92.9	74.2-119			
m,p-Xylene	3.81	0.100	mg/kg	4.00		95.3	72.5-123			
o-Xylene	1.80	0.050	mg/kg	2.00		90.1	70.5-124			
Total Xylenes	5.62	0.150	mg/kg	6.00		93.6	72.2-123			

Surrogate: 4-Bromofluorobenzene (PID)	0.0455		mg/kg	0.0500		91.0	70.4-141			
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LCS Dup (6051558-BS1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	2.06	0.050	mg/kg	2.00		103	71-111	4.35	17.6	
Toluene	1.97	0.050	mg/kg	2.00		98.7	75-116	4.48	14.8	
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.7	74.2-119	2.96	14.2	
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.7	72.5-123	3.50	13.6	
o-Xylene	1.89	0.050	mg/kg	2.00		94.6	70.5-124	4.85	13.7	
Total Xylenes	5.84	0.150	mg/kg	6.00		97.4	72.2-123	3.94	13.3	

Surrogate: 4-Bromofluorobenzene (PID)	0.0460		mg/kg	0.0500		92.0	70.4-141			
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Batch 6051559 - Volatiles

Blank (6051559-BLK1)

Prepared: 15-May-26 Analyzed: 18-May-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		97.1	70.4-141			
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051559 - Volatiles

LCS (6051559-BS1)		Prepared: 15-May-26 Analyzed: 18-May-26								
Benzene	2.14	0.050	mg/kg	2.00		107	71-111			
Toluene	2.06	0.050	mg/kg	2.00		103	75-116			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.9	74.2-119			
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.2	72.5-123			
o-Xylene	1.93	0.050	mg/kg	2.00		96.6	70.5-124			
Total Xylenes	5.78	0.150	mg/kg	6.00		96.4	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0468		mg/kg	0.0500		93.7	70.4-141			

LCS Dup (6051559-BS1)		Prepared: 15-May-26 Analyzed: 18-May-26								
Benzene	2.13	0.050	mg/kg	2.00		107	71-111	0.318	17.6	
Toluene	2.04	0.050	mg/kg	2.00		102	75-116	1.10	14.8	
Ethylbenzene	1.96	0.050	mg/kg	2.00		98.0	74.2-119	0.965	14.2	
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.4	72.5-123	0.873	13.6	
o-Xylene	1.92	0.050	mg/kg	2.00		96.0	70.5-124	0.642	13.7	
Total Xylenes	5.74	0.150	mg/kg	6.00		95.6	72.2-123	0.796	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0467		mg/kg	0.0500		93.4	70.4-141			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051544 - General Prep - Organics

Blank (6051544-BLK1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	41.6		mg/kg	50.0		83.2	52.4-130			
Surrogate: 1-Chlorooctadecane	40.8		mg/kg	50.0		81.6	39.9-141			

LCS (6051544-BS1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	182	10.0	mg/kg	200		90.9	78.7-123			
DRO >C10-C28	187	10.0	mg/kg	200		93.3	74.8-123			
Total TPH C6-C28	369	10.0	mg/kg	400		92.1	78.6-121			
Surrogate: 1-Chlorooctane	39.5		mg/kg	50.0		79.1	52.4-130			
Surrogate: 1-Chlorooctadecane	38.3		mg/kg	50.0		76.5	39.9-141			

LCS Dup (6051544-BSD1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	187	10.0	mg/kg	200		93.6	78.7-123	2.90	11.3	
DRO >C10-C28	194	10.0	mg/kg	200		97.2	74.8-123	4.05	10.9	
Total TPH C6-C28	382	10.0	mg/kg	400		95.4	78.6-121	3.48	10.5	
Surrogate: 1-Chlorooctane	41.5		mg/kg	50.0		83.0	52.4-130			
Surrogate: 1-Chlorooctadecane	41.1		mg/kg	50.0		82.1	39.9-141			

Batch 6051545 - General Prep - Organics

Blank (6051545-BLK1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.6	52.4-130			
Surrogate: 1-Chlorooctadecane	41.5		mg/kg	50.0		83.1	39.9-141			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051545 - General Prep - Organics

LCS (6051545-BS1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	195	10.0	mg/kg	200		97.4	78.7-123			
DRO >C10-C28	185	10.0	mg/kg	200		92.7	74.8-123			
Total TPH C6-C28	380	10.0	mg/kg	400		95.0	78.6-121			
Surrogate: 1-Chlorooctane	47.2		mg/kg	50.0		94.3	52.4-130			
Surrogate: 1-Chlorooctadecane	45.4		mg/kg	50.0		90.7	39.9-141			

LCS Dup (6051545-BSD1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	194	10.0	mg/kg	200		96.8	78.7-123	0.661	11.3	
DRO >C10-C28	183	10.0	mg/kg	200		91.5	74.8-123	1.21	10.9	
Total TPH C6-C28	377	10.0	mg/kg	400		94.2	78.6-121	0.929	10.5	
Surrogate: 1-Chlorooctane	48.4		mg/kg	50.0		96.8	52.4-130			
Surrogate: 1-Chlorooctadecane	47.0		mg/kg	50.0		93.9	39.9-141			

Batch 6051546 - General Prep - Organics

Blank (6051546-BLK1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.6	52.4-130			
Surrogate: 1-Chlorooctadecane	41.1		mg/kg	50.0		82.1	39.9-141			

LCS (6051546-BS1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	186	10.0	mg/kg	200		93.1	78.7-123			
DRO >C10-C28	181	10.0	mg/kg	200		90.6	74.8-123			
Total TPH C6-C28	367	10.0	mg/kg	400		91.9	78.6-121			
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	52.4-130			
Surrogate: 1-Chlorooctadecane	44.0		mg/kg	50.0		88.1	39.9-141			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051546 - General Prep - Organics

LCS Dup (6051546-BSD1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	187	10.0	mg/kg	200		93.6	78.7-123	0.483	11.3	
DRO >C10-C28	180	10.0	mg/kg	200		90.2	74.8-123	0.456	10.9	
Total TPH C6-C28	368	10.0	mg/kg	400		91.9	78.6-121	0.0212	10.5	
Surrogate: 1-Chlorooctane	48.7		mg/kg	50.0		97.5	52.4-130			
Surrogate: 1-Chlorooctadecane	45.0		mg/kg	50.0		90.1	39.9-141			

Batch 6051547 - General Prep - Organics

Blank (6051547-BLK1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.9		mg/kg	50.0		95.9	52.4-130			
Surrogate: 1-Chlorooctadecane	45.2		mg/kg	50.0		90.3	39.9-141			

LCS (6051547-BS1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	201	10.0	mg/kg	200		101	78.7-123			
DRO >C10-C28	184	10.0	mg/kg	200		92.1	74.8-123			
Total TPH C6-C28	385	10.0	mg/kg	400		96.4	78.6-121			
Surrogate: 1-Chlorooctane	56.5		mg/kg	50.0		113	52.4-130			
Surrogate: 1-Chlorooctadecane	50.1		mg/kg	50.0		100	39.9-141			

LCS Dup (6051547-BSD1)		Prepared: 15-May-26 Analyzed: 18-May-26								
GRO C6-C10	202	10.0	mg/kg	200		101	78.7-123	0.114	11.3	
DRO >C10-C28	185	10.0	mg/kg	200		92.5	74.8-123	0.489	10.9	
Total TPH C6-C28	387	10.0	mg/kg	400		96.6	78.6-121	0.293	10.5	
Surrogate: 1-Chlorooctane	58.4		mg/kg	50.0		117	52.4-130			
Surrogate: 1-Chlorooctadecane	51.6		mg/kg	50.0		103	39.9-141			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: ROSEMARY RISER SPILL Project Number: 2314 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-May-26 13:51
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6051566 - General Prep - Organics

Blank (6051566-BLK1)				Prepared: 15-May-26 Analyzed: 18-May-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.6		mg/kg	50.0		87.2	52.4-130			
Surrogate: 1-Chlorooctadecane	41.9		mg/kg	50.0		83.9	39.9-141			

LCS (6051566-BS1)				Prepared: 15-May-26 Analyzed: 18-May-26						
GRO C6-C10	186	10.0	mg/kg	200		92.8	78.7-123			
DRO >C10-C28	202	10.0	mg/kg	200		101	74.8-123			
Total TPH C6-C28	387	10.0	mg/kg	400		96.8	78.6-121			
Surrogate: 1-Chlorooctane	47.0		mg/kg	50.0		94.0	52.4-130			
Surrogate: 1-Chlorooctadecane	46.2		mg/kg	50.0		92.5	39.9-141			

LCS Dup (6051566-BSD1)				Prepared: 15-May-26 Analyzed: 18-May-26						
GRO C6-C10	185	10.0	mg/kg	200		92.3	78.7-123	0.550	11.3	
DRO >C10-C28	203	10.0	mg/kg	200		102	74.8-123	0.700	10.9	
Total TPH C6-C28	388	10.0	mg/kg	400		96.9	78.6-121	0.103	10.5	
Surrogate: 1-Chlorooctane	48.2		mg/kg	50.0		96.4	52.4-130			
Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		94.9	39.9-141			

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Chain of Custody

Work Order No: *1362764*

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Page 113 of 120

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> P-ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Rosemary Riser Spill	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2314	Due Date:			
Project Location:	Lea County, New Mexico				
Sampler's Name:	JM				
PO #:					
SAMPLE RECEIPT	Temp Blank:	Yes/No	Wet Ice:	Yes/No	
Received Inact:	Yes/No	Thermometer ID:		<i>1140</i>	
Cooler Custody Seal:	Yes/No	Correction Factor:		<i>10.1%</i>	
Sample Custody Seals:	Yes/No	Temperature Reading:		<i>8.3%</i>	
Total Containers:		Corrected Temperature:		<i>9.4%</i>	

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
21 SUR-21 (Surface)	5/12/2026	X		Comp	1	BTEX 8021B		None: NO	
22 SUR-22 (Surface)	5/12/2026	X		Comp	1	TPH 8015M (GRO + DRO + MRO)		DI Water: H ₂ O	
23 SUR-23 (Surface)	5/12/2026	X		Comp	1			Cool: Cool	MeOH: Me
24 SUR-24 (Surface)	5/12/2026	X		Comp	1			HCL: HC	HNO ₃ : HN
25 SUR-25 (Surface)	5/12/2026	X		Comp	1			H ₂ SO ₄ : H ₂	NaOH: Na
26 SUR-26 (Surface)	5/12/2026	X		Comp	1			H ₃ PO ₄ : HP	
27 SUR-27 (Surface)	5/12/2026	X		Comp	1			NaHSO ₄ : NABIS	
28 SUR-28 (Surface)	5/12/2026	X		Comp	1			Na ₂ S ₂ O ₅ : NaSO ₃	
29 SUR-29 (Surface)	5/12/2026	X		Comp	1			Zn Acetate+NaOH: Zn	
30 SUR-30 (Surface)	5/12/2026	X		Comp	1			NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

No Labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>5/15/26 1108</i>	<i>[Signature]</i>	

Chain of Custody

Work Order No: 1926 2764

Page 4 of 10

Page 114 of 120

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 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 PST/UST RRP Level IV

Deliverables: EDD ADAPT Other:

Project Name:	Rosemary Riser Spill	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2314	Due Date:			
Project Location:	Lea County, New Mexico				
Sampler's Name:	JM				
PO #:					

SAMPLE RECEIPT

Received Inact: Yes No Thermometer ID: #140

Cooler Custody Seals: Yes No Correction Factor: 1.015

Sample Custody Seals: Yes No Temperature Reading: 8.33

Total Containers: 8.43 Corrected Temperature: 8.43

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
31 SUR-31 (Surface)	5/12/2026	X		Comp	1	X X X	None: NO DI Water: H ₂ O	
32 SUR-32 (Surface)	5/12/2026	X		Comp	1	X X X	Cool: Cool MeOH: Me	
33 SUR-33 (Surface)	5/12/2026	X		Comp	1	X X X	HCL: HC HNO ₃ : HN	
34 SUR-34 (Surface)	5/12/2026	X		Comp	1	X X X	H ₂ SO ₄ : H ₂ NaOH: Na	
35 SUR-35 (Surface)	5/12/2026	X		Comp	1	X X X	H ₃ PO ₄ : HP	
36 SUR-36 (Surface)	5/12/2026	X		Comp	1	X X X	NaHSO ₄ : NABIS	
37 SUR-37 (Surface)	5/12/2026	X		Comp	1	X X X	Na ₂ S ₂ O ₅ : NaSO ₃	
38 SUR-38 (Surface)	5/12/2026	X		Comp	1	X X X	Zn Acetate+NaOH: Zn	
39 SUR-39 (Surface)	5/12/2026	X		Comp	1	X X X	NaOH+Ascorbic Acid: SAFC	
40 SUR-40 (Surface)	5/12/2026	X		Comp	1	X X X		

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

No Labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5-15-26 1108		

Chain of Custody

Work Order No: 14202704

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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 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: _____ Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____

Project Name:	Rosemary Riser Spill	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2314	Due Date:			
Project Location:	Lea County, New Mexico	Sampler's Name:	JM		
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Thermometer ID:	#140
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		Temperature Reading:	70.15
Total Containers:		Corrected Temperature:			8.32

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
61 SUR-61 (Surface)	5/12/2026	X		Comp	1	BTEX 8021B		None: NO	
62 SUR-62 (Surface)	5/12/2026	X		Comp	1	TPH 8015M (GRO + DRO + MRO)		Cool: Cool	DI Water: H ₂ O
63 SUR-63 (Surface)	5/12/2026	X		Comp	1	Chloride 4500		HCL: HC	MeOH: Me
64 SUR-64 (Surface)	5/12/2026	X		Comp	1			H ₂ SO ₄ : H ₂	HNO ₃ : HN
65 SUR-65 (Surface)	5/12/2026	X		Comp	1			H ₃ PO ₄ : HP	NaOH: Na
66 SUR-66 (Surface)	5/12/2026	X		Comp	1			NaHSO ₄ : NABIS	
67 SUR-67 (Surface)	5/12/2026	X		Comp	1			Na ₂ S ₂ O ₅ : NaSO ₂	
68 SUR-68 (Surface)	5/12/2026	X		Comp	1			Zn Acetate+NaOH: Zn	
69 SUR-69 (Surface)	5/12/2026	X		Comp	1			NaOH+ascorbic Acid: SAPC	
70 SUR-70 (Surface)	5/12/2026	X		Comp	1				

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

146 Labels

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: H2687144

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Page 118 of 120

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 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 I Level II Level III DST/UST RRP Level IV

Deliverables: EDD ADAPT Other:

Project Name:	Rosemary Riser Spill	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code
Project Number:	2314	Due Date:		
Project Location:	Lea County, New Mexico			
Sampler's Name:	JM			
PO #:				

ANALYSIS REQUEST

Parameters	BTEX 8021B									
	TPH 8015M (GRO + DRO + MRO)									
	Chloride 4500									

Preservative Codes

None: NO DI Water: H₂O

Cool: Cool MeOH: Me

HCL: HC HNO₃: HN

H₂SO₄: H₂ NaOH: Na

H₃PO₄: HP

NaHSO₄: NABIS

Na₂S₂O₅: NaSO₅

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
91 SUR-71 (Surface)	5/12/2026	X		Comp	1	X X X		
72 SUR-72 (Surface)	5/12/2026	X		Comp	1	X X X		
73 SUR-73 (Surface)	5/12/2026	X		Comp	1	X X X		
74 SUR-74 (Surface)	5/12/2026	X		Comp	1	X X X		
75 SUR-75 (Surface)	5/12/2026	X		Comp	1	X X X		
76 SUR-76 (Surface)	5/12/2026	X		Comp	1	X X X		
77 SUR-77 (Surface)	5/12/2026	X		Comp	1	X X X		
78 SUR-78 (Surface)	5/12/2026	X		Comp	1	X X X		
79 SUR-79 (Surface)	5/12/2026	X		Comp	1	X X X		
80 SUR-80 (Surface)	5/12/2026	X		Comp	1	X X X		

Comments: Email to Mike Carmona / Mccarmona@carmonareresources.com and Conner Moehring / Cmoehring@carmonareresources.com

No Labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5-15-26 1108		

Chain of Custody

Work Order No: 146276

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Page 119 of 120

Project Manager:	Comer Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments

Program: UST/PST PRP Brownfields RRC Superfund

State of Project: Level II Level III PST/UST RRP Level IV

Reporting Level: EDD ADAPT Other: _____

Project Name:	Rosemary Riser Spill	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2314	Due Date:			
Project Location:	Lea County, New Mexico				
Sampler's Name:	JM				
PO #:					

ANALYSIS REQUEST

BTEX 8021B																				
TPH 3015M (GRO + DRO + MRO)																				
Chloride 4500																				

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
81 SUR-81 (Surface)	5/12/2026	X		Comp	1		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂	DI Water: H ₂ O MeOH: Me HNO ₃ : HN NaOH: Na
82 SUR-82 (Surface)	5/12/2026	X		Comp	1		H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NASO ₅	
83 SUR-83 (Surface)	5/12/2026	X		Comp	1		Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
84 SUR-84 (Surface)	5/12/2026	X		Comp	1			
85 SUR-85 (Surface)	5/12/2026	X		Comp	1			
86 SUR-86 (Surface)	5/12/2026	X		Comp	1			
87 SUR-87 (Surface)	5/12/2026	X		Comp	1			
88 SUR-88 (Surface)	5/12/2026	X		Comp	1			
89 SUR-89 (Surface)	5/12/2026	X		Comp	1			
90 SUR-90 (Surface)	5/12/2026	X		Comp	1			

Comments: Email to Mike Carmona / Mccarmona@carmonaresources.com and Comer Moehring / Cmoehring@carmonaresources.com

No Labels

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

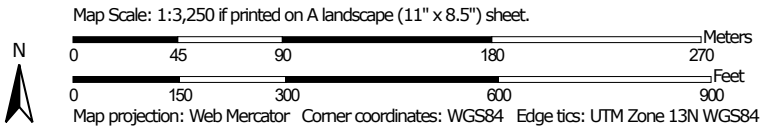
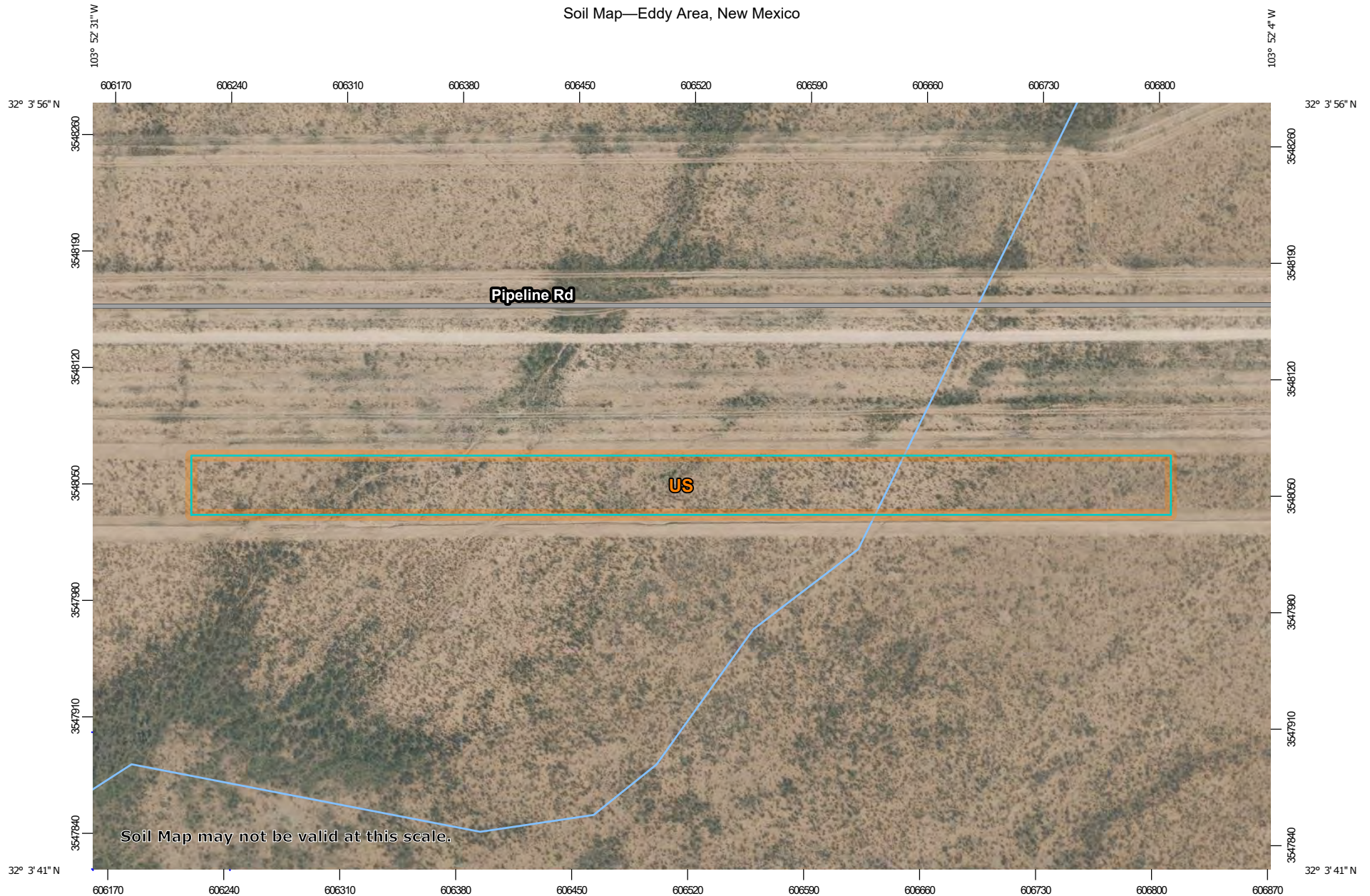
Date/Time

APPENDIX F

CARMONA RESOURCES




Soil Map—Eddy Area, New Mexico



Soil Map—Eddy Area, New Mexico


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.
 Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
 Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Eddy Area, New Mexico

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
US	Upton-Simona complex, 1 to 15 percent slopes, eroded	5.2	100.0%
Totals for Area of Interest		5.2	100.0%

Map Unit Description: Upton-Simona complex, 1 to 15 percent slopes, eroded---Eddy Area,
New Mexico

Eddy Area, New Mexico

US—Upton-Simona complex, 1 to 15 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w66
Elevation: 2,000 to 5,700 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Upton and similar soils: 40 percent
Simona and similar soils: 35 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 1 to 15 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Upton-Simona complex, 1 to 15 percent slopes, eroded---Eddy Area,
New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 6 inches: gravelly fine sandy loam
H2 - 6 to 20 inches: gravelly fine sandy loam
H3 - 20 to 24 inches: indurated

Properties and qualities

Slope: 1 to 5 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 9 percent
Hydric soil rating: No

Pajarito

Percent of map unit: 8 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Dune land

Percent of map unit: 8 percent

Map Unit Description: Upton-Simona complex, 1 to 15 percent slopes, eroded---Eddy Area,
New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

BLM SERIAL #:

COMPANY REFERENCE:

3.1 Seed Mixture 1, for Loamy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains lovegrass (Eragrostis intermedia)	0.5
Sand dropseed (Sporobolus cryptandrus)	1.0
Sideoats grama (Bouteloua curtipendula)	5.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 593099

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2415648236
Incident Name	NAPP2415648236 ROSEMARY RISER @ B-10-26S-30E
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	ROSEMARY RISER
Date Release Discovered	03/20/2024
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 90 BBL Recovered: 30 BBL Lost: 60 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 593099

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/08/2026
--	--

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 593099

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Zero feet, overlying, or within area
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Zero feet, overlying, or within area
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1/2 and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2780
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	86.1
GRO+DRO (EPA SW-846 Method 8015M)	86.1
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/18/2025
On what date will (or did) the final sampling or liner inspection occur	05/12/2026
On what date will (or was) the remediation complete(d)	02/27/2025
What is the estimated surface area (in square feet) that will be reclaimed	15590
What is the estimated volume (in cubic yards) that will be reclaimed	1320
What is the estimated surface area (in square feet) that will be remediated	15590
What is the estimated volume (in cubic yards) that will be remediated	1320

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 4

Action 593099

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0208840757 HIGH DESERT INDUSTRIAL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/08/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 593099

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 593099

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	582661
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/12/2026
What was the (estimated) number of samples that were to be gathered	50
What was the sampling surface area in square feet	19100

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	15590
What was the total volume (cubic yards) remediated	1320
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	15590
What was the total volume (in cubic yards) reclaimed	1320
Summarize any additional remediation activities not included by answers (above)	Surface composite samples have since been collected in the non-excavated areas per conditions of denial from the NMOCD.

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

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/08/2026
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QUESTIONS, Page 7

Action 593099

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	15590
What was the total volume of replacement material (in cubic yards) for this site	1320
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	02/27/2025
Summarize any additional reclamation activities not included by answers (above)	Surface composite samples have since been collected in the non-excavated areas per conditions of denial from the NMOCD. Entire area was previously reclaimed and reseeded.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@egresources.com Date: 06/08/2026

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Action 593099

QUESTIONS (continued)

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	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 593099

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593099
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/9/2026