

CARMONA RESOURCES



SITE INFORMATION

Closure Report

Forni #003

Incident ID: nSEB0821837299

Eddy County, New Mexico

Unit E Sec 15 T22S R27E

32.3944778°, -104.1841278°

Produced Water Release

Point of Release: Illegal Dump By Unknown Trucker

Release Date: 07/17/2008

Volume Released: Unknown Volume of Produced Water

Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:

Cimarex Energy Co. of Colorado

6001 Deauville Blvd.

Suite 300N

Midland, Texas 79706

Prepared by:

Carmona Resources, LLC

310 West Wall Street

Suite 500

Midland, Texas 79701

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



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December 30, 2024

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

Re: Closure Report
Forni #003
Incident ID: nSEB0821837299
Cimarex Energy Co. of Colorado
Site Location: Unit E, S15, T22S, R27E
(Lat 32.3944778°, Long -104.1841278°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Cimarex Energy Co. of Colorado (Cimarex), Carmona Resources, LLC has prepared this letter to document site activities for the Forni #003. The site is located at 32.3944778, -104.1841278 within Unit E, S15, T22S, R27E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on information obtained from the New Mexico Oil Conservation Division (NMOCD) permitting website, the spill was discovered on July 17, 2022, due to an illegal dumping by an unknown trucker. It resulted in an unknown volume of produced water released, and zero (0) barrels of produced water were recovered. The impacted area is located on the pad and is shown on Figure 3. The spill information 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, one known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 0.19 miles Northwest of the site in S15, T22S, R27E and was drilled in 1972. The well has a reported depth to groundwater of 184' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D. This site has been reclaimed.

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 Soil Assessment

On December 21, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts. To assess the vertical extent, six (6) sample points were advanced to depths ranging from the



surface to 3' bgs inside the reclaimed area. 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 E.

Following the initial assessment, a closure report was submitted and later denied by the NMOCD for *"...This is an old legacy release that occurred in July 2008. Sampling to a depth of 2 feet is not sufficient to verify chlorides. Chlorides most likely moved down the soil column over the years. The OCD requests a borehole be advanced in the release area near the "Point of Release" in 1-foot increments down to a depth of 10 feet."* An additional site assessment was conducted following the denial from the NMOCD.

Secondary Site Assessment

On June 2, 2023, a third-party environmental consultant returned to the site to perform additional site assessment activities to evaluate vertical soil impacts. To assess the vertical extent, four (4) boreholes (BH-2, BH-3, BH-4, & BH-5) were advanced to depths ranging from the surface to 10' bgs inside the reclaimed area. BH-2 was drilled in the same location as the above-mentioned S-2, BH-3 was drilled where S-3 was located, BH-4 was drilled where S-4 was located, and BH-5 was drilled where S-5 was located. 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 Cardinal Laboratories in Hobbs, New Mexico. 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 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Horizontal Delineation

The areas of BH-2 & BH-4 were horizontally delineated during composite confirmation sampling. Refer to Table 2.

5.0 Remediation Activities

Between November 21, 2024 and November 25, 2024, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via web portal on November 18, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-2/BH-2 was excavated to a depth of 2.5' bgs. The area of S-4/BH-4 was excavated to a depth of 8.5' bgs. A total of twenty (20) confirmation floor samples (CS-1 through CS-20) and eight (8) sidewall samples (SW-1 through SW-8) were collected every 200 square feet to ensure the proper removal of the contaminated soils. A composite sample of the backfill material ("Walterschide Pit") from the landowners backfill pit was also collected before utilizing. 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 excavation depths and confirmation sample locations are shown in Figure 4. Backfill pit location is shown in Figure 5.

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



Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 3,765 square feet and 1,150 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

Once remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The entirety of the reclaimed pad was reseeded on December 23, 2024. The appropriate pound per live seed per acre were used. The seeds were applied with a drone via aerial seeding. The seed mixture used was BLM #3 per land owner request (Steve Walterschide – 2024), see Appendix B (Photographs No. 13 through 17) and Figure 6 of reseeding area.

7.0 Conclusions

Based on the remediation results and the analytical data, no further actions are required at the site. The final C-141 is attached, and Cimarex formally requests closure of the spill. 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

Ashton Thielke
Environmental Manager

Gilbert Priego Jr.
Project Manager

FIGURES

CARMONA RESOURCES

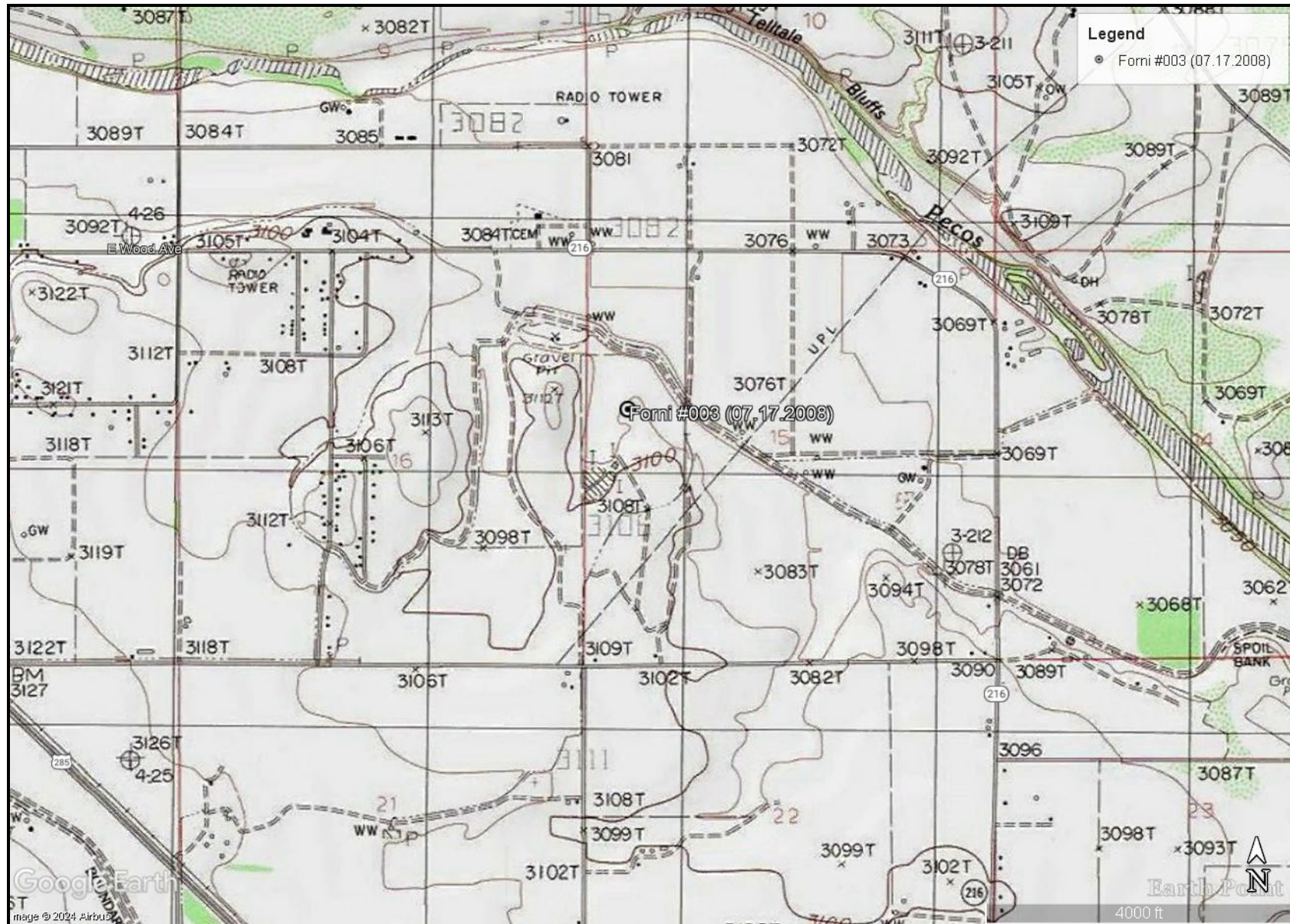


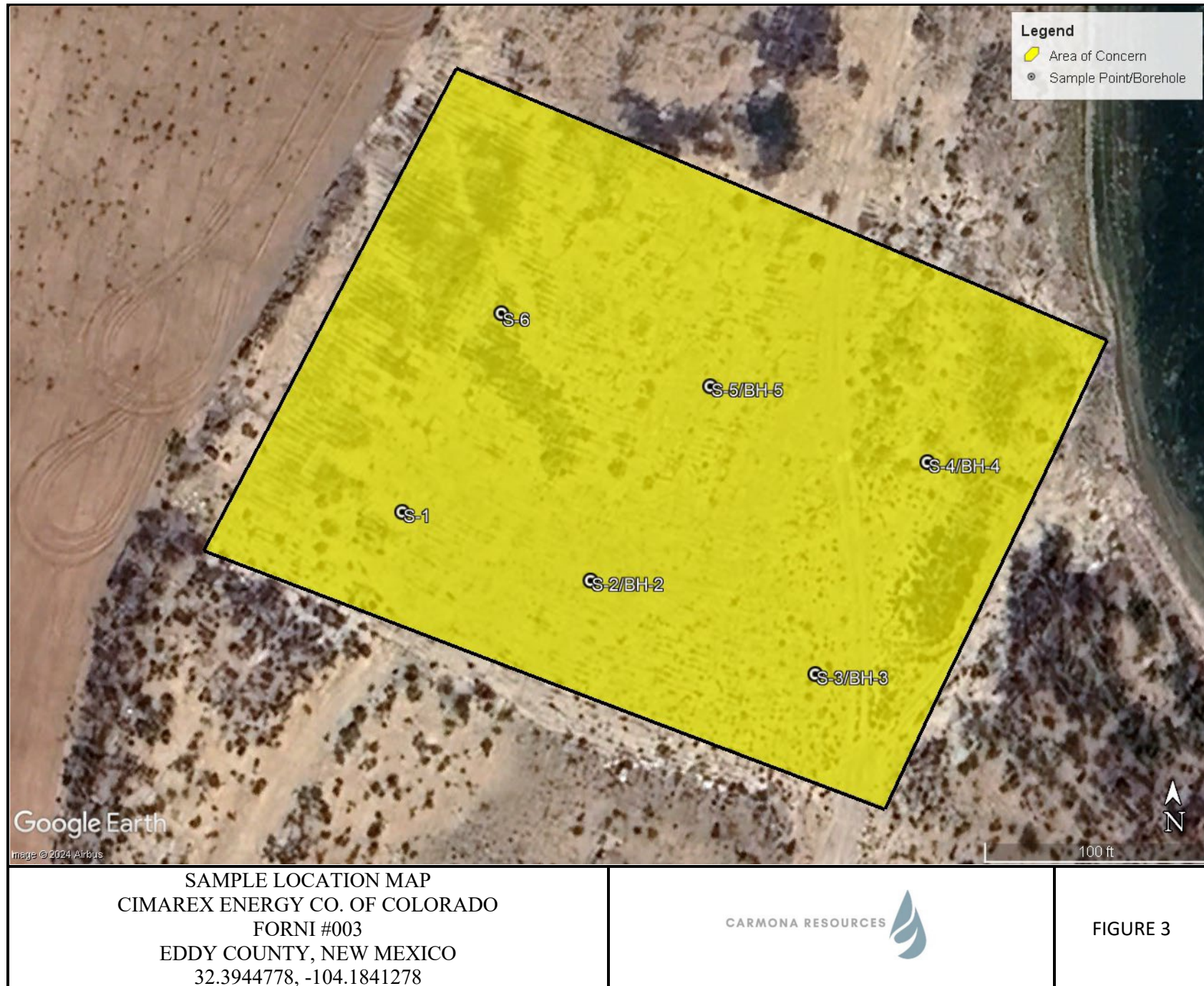


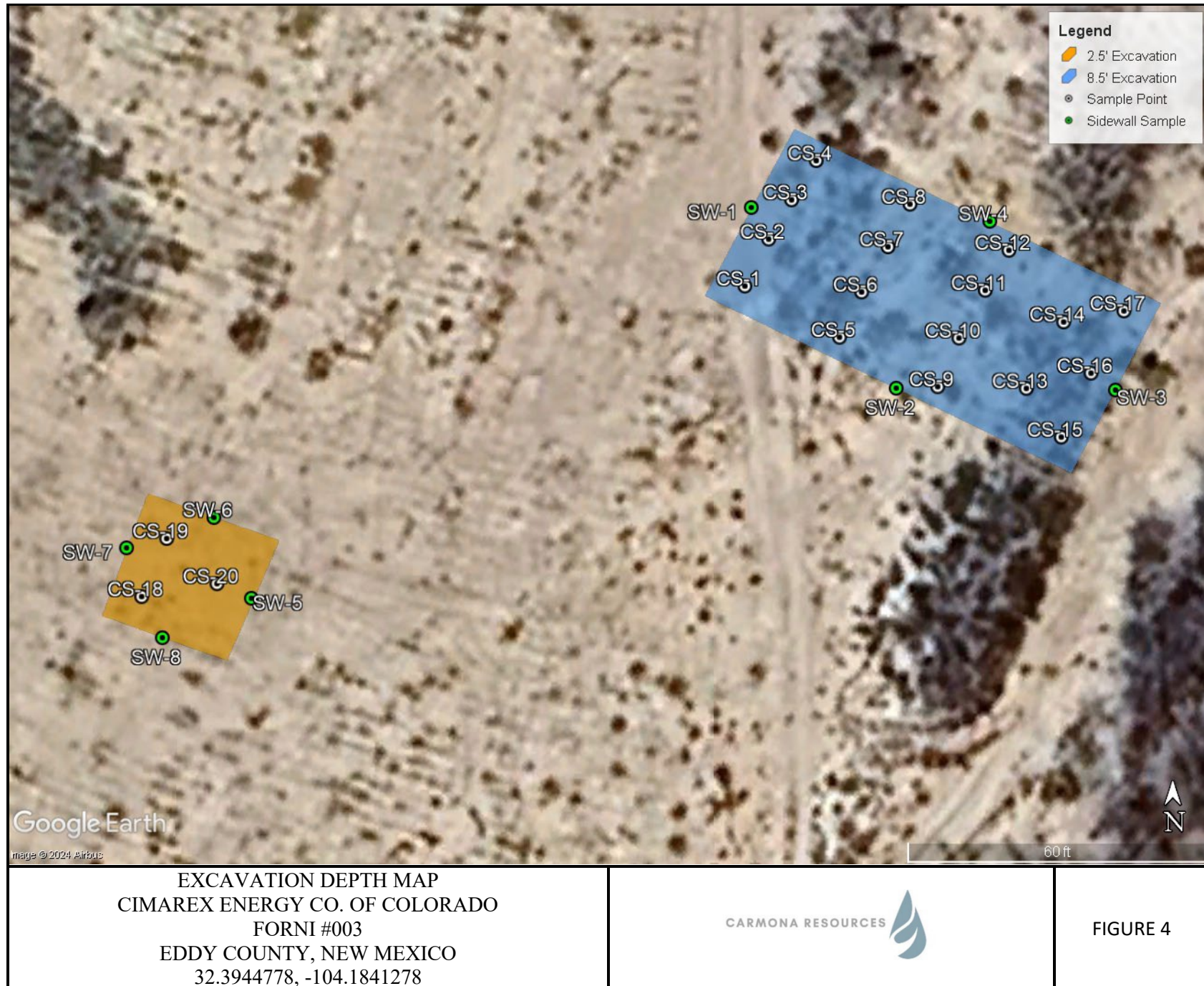
OVERVIEW MAP
CIMAREX ENERGY CO. OF COLORADO
FORNI #003
EDDY COUNTY, NEW MEXICO
32.3944778, -104.1841278



FIGURE 1





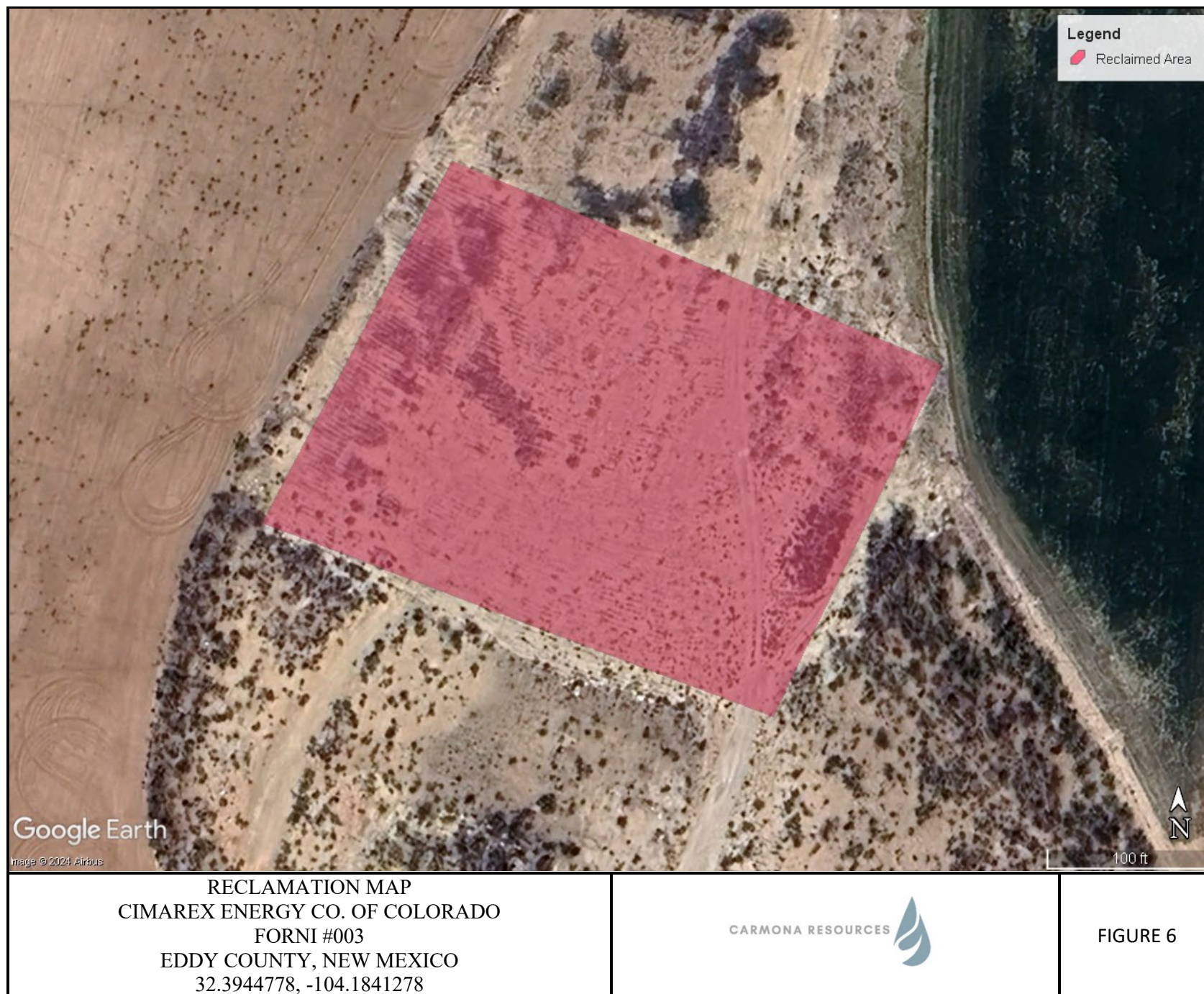




BACKFILL PIT LOCATION MAP
CIMAREX ENERGY CO. OF COLORADO
FORNI #003
EDDY COUNTY, NEW MEXICO
32.3944778, -104.1841278



FIGURE 5



APPENDIX A

CARMONA RESOURCES



Table 1
Cimarex Energy Co. of Colorado
Forni #003
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-1	12/21/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.44	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.95	
S-2	12/21/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.99	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.01	
BH-2	6/2/2023	0-2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368	
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,140	
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528	
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400	
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336	
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288	
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208	
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144	
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0		
S-3	12/21/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5.74	
	"	1.5	<50.0	<50.0	<50.0	<50.0	0.0214	0.0593	0.0910	0.109	0.280	<4.98	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.01	
BH-3	6/2/2023	0-2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0		
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

(S) - Sample Point

(BH) - Borehole Sample

 Removed

Table 1
Cimarex Energy Co. of Colorado
Forni #003
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	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-4	12/21/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.5
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
BH-4	6/2/2023	0-2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	816
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	928
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	928
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,020
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
S-5	12/21/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.05
BH-5	6/2/2023	0-2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
S-6	12/21/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.01
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.6
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.05
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

(S) - Sample Point

(BH) - Borehole Sample

 Removed

Table 2
Cimarex Energy Co. of Colorado
Forni #003
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	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-2	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
CS-3	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-4	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-5	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-6	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-7	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-8	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-9	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-10	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-11	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-12	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-13	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-14	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-15	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-16	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-17	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-18	11/25/2024	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-19	11/25/2024	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-20	11/25/2024	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-1	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-2	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-3	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-4	11/25/2024	8.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-5	11/25/2024	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-6	11/25/2024	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
SW-7	11/25/2024	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-8	11/25/2024	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
Walterschide Pit	11/25/2024	-	<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

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 1

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View East, area of S-1.



Photograph No. 2

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View Northwest, area of S-2.



Photograph No. 3

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View Northeast, area of S-3.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

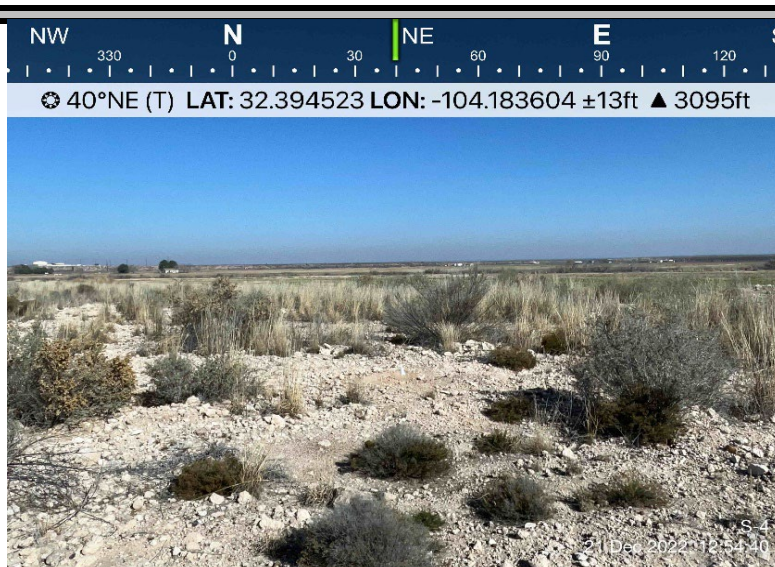
Photograph No. 4

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View Northeast, area of S-4.



Photograph No. 5

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View North, area of S-5.



Photograph No. 6

Facility: Forni #003

County: Eddy County, New Mexico

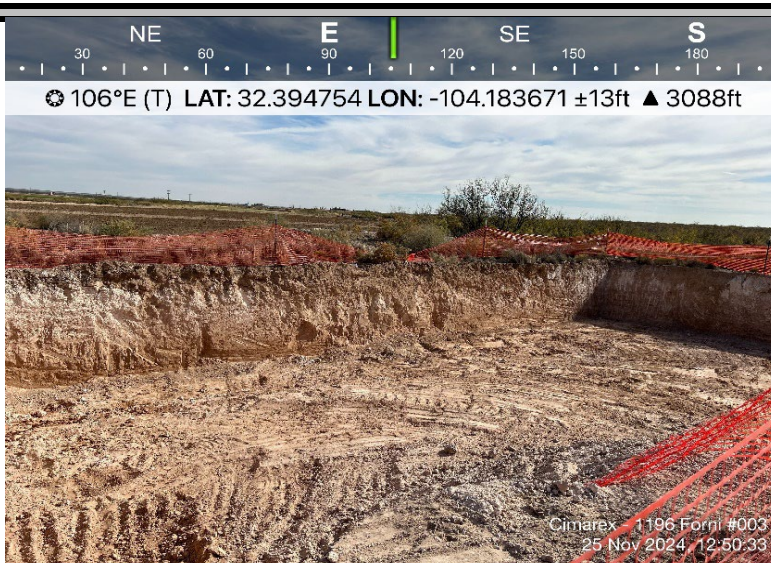
Description:

View East, area of S-6.



PHOTOGRAPHIC LOG**Cimarex Energy Co. of Colorado****Photograph No. 7****Facility:** Forni #003**County:** Eddy County, New Mexico**Description:**

View East, area of CS-1 through CS-17.

**Photograph No. 8****Facility:** Forni #003**County:** Eddy County, New Mexico**Description:**

View South, area of CS-1 through CS-17.

**Photograph No. 9****Facility:** Forni #003**County:** Eddy County, New Mexico**Description:**

View Northeast, area of CS-1 through CS-17.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 10

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View South, area of CS-18 through CS-20.



Photograph No. 11

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-18 through CS-20.



Photograph No. 12

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View West, Backfill Pit Location.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 13

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View of seed mixture.



Photograph No. 14

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View Northeast, loading seed mixture into drone.



Photograph No. 15

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View South, of areal seeding.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 16

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View South, of areal seeding.



Photograph No. 17

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View Northeast, of areal seeding.



Photograph No. 18

Facility: Forni #003

County: Eddy County, New Mexico

Description:

View Northwest, area of backfill pit.



APPENDIX C

CARMONA RESOURCES



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 404363

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 404363
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nSEB0821837299
Incident Name	NSEB0821837299 FORNI #003 @ 30-015-33250
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-33250] FORNI #003

Location of Release Source	
Site Name	FORNI #003
Date Release Discovered	07/17/2008
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/21/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sampling is anticipated to begin 11/21/2024 and end by 11/27/2024. Carmona Resources will be collected confirmation samples. Contact Ashton Thielke 432-813-8988
Please provide any information necessary for navigation to sampling site	GPS Coordinates to site: 32.39471, -104.18382 Head Southeast on 285 out of Carlsbad for 0.5 miles; turn East onto Calvani Rd (32.385472, -104.211750) for 1.71 miles; turn North onto Lease Road (32.385709, -104.182471) for 0.68 miles to abandoned location

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

General Information
Phone: (505) 629-6116

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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 404363

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 404363
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
lluig	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.	11/18/2024

APPENDIX D

CARMONA RESOURCES



Nearest water well

Cimarex Energy Co. of Colorado

Legend

 0.19 Miles

 0.24 Miles

 0.29 Miles

 0.32 Miles

 0.35 Miles

 0.42 Miles

 0.50 Mile Radius

 Forni #003 (07.17.2008)

 NMSEO Water Well




 USGS Water Well



medium Karst

Cimarex Energy Co. of Colorado

Legend

-  Forni #003 (07.17.2008)
-  High
-  Medium

Forni #003 (07.17.2008)





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																
Sub-		Q Q Q								Depth Depth Water						
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	Distance	Well	Water	Column	
C 00576		CUB	ED	3	1	1	15	22S	27E	576628	3584749*		312	119	184	-65
C 02242		CUB	ED	1	1	4	15	22S	27E	577186	3584336		468	150	22	128
C 00576 S		CUB	ED	2	4	1	15	22S	27E	577235	3584550		512	172	48	124
C 00284		C	ED		2	1	15	22S	27E	577134	3584856*		568	130	20	110
C 00700		CUB	ED	3	3	2	15	22S	27E	577441	3584355*		715	132		
C 00021 A		CUB	ED	4	4	4	09	22S	27E	576421	3585150*		762	196	40	156
C 00021 CLW193276	O	CUB	ED	4	4	4	09	22S	27E	576421	3585150*		762	100		
C 01853		C	ED		1	2	16	22S	27E	575918	3584841*		901	55	42	13
C 00160		C	ED	2	3	3	10	22S	27E	576826	3585355*		905	85	40	45
C 00160 CLW198701	O	C	ED	2	3	3	10	22S	27E	576826	3585355*		905			
C 00744		CUB	ED	3	3	4	10	22S	27E	577437	3585166*		1001	175		
C 01097		C	ED	1	1	2	16	22S	27E	575817	3584940*		1036	155	38	117
C 00760		C	ED				16	22S	27E	575717	3584215*		1042	72	44	28
C 02374		C	ED		3	4	09	22S	27E	575916	3585247*		1137	54	15	39
C 02379		C	ED		3	4	09	22S	27E	575916	3585247*		1137	55	20	35
C 03029		C	ED		3	4	09	22S	27E	575916	3585247*		1137	45	18	27
C 00693		C	ED	2	2	1	16	22S	27E	575612	3584935*		1218	70	34	36
C 00403		C	ED		2	1	16	22S	27E	575513	3584836*		1277	106	34	72
C 00701		C	ED		2	1	16	22S	27E	575513	3584836*		1277	65	34	31
C 01560		C	ED		2	1	16	22S	27E	575513	3584836*		1277	80	37	43
C 01861		C	ED		2	1	16	22S	27E	575513	3584836*		1277	60		
C 00092 A	O	CUB	ED	1	3	4	09	22S	27E	575815	3585346*		1279	200		
C 02899		C	ED	1	3	4	09	22S	27E	575815	3585346*		1279	33	22	11
C 03038		C	ED	1	3	4	09	22S	27E	575815	3585346*		1279	43	15	28
C 03480 POD1		C	ED	3	2	3	16	22S	27E	575466	3583961		1358	74	41	33
C 00273		C	ED	1	2	1	16	22S	27E	575412	3584935*		1404	100		

*UTM location was derived from PLSS - see Help

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POD suffix indicates the
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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 01010	C		ED	4	3	16	22S	27E		575519	3583617*	1473	150		
C 00582	CUB		ED	1	3	1	14	22S	27E	578252	3584567*	1524	60		
C 00092	CUB		ED	4	3	3	09	22S	27E	575205	3585137*	1672	70	40	30
C 00092 CLW193601	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	1672	90	40	50
C 00092 CLW193956	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	1672	90	40	50
C 00092 CLW193966	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	1672	90	40	50
C 00102	CUB		ED	1	3	1	16	22S	27E	575009	3584524*	1724	164	70	94
C 01545	C		ED	1	3	1	16	22S	27E	575009	3584524*	1724	90		
C 01407	CUB		ED	3	3	1	16	22S	27E	575009	3584324*	1727	86		
C 00267	C		ED	3	1	1	16	22S	27E	575007	3584730*	1746	54	42	12
C 01493	C		ED	2	3	3	09	22S	27E	575205	3585337*	1763	60	18	42
C 00043	C		ED	3	3	3	14	22S	27E	578256	3583557*	1768	120		
C 04279	C		ED	3	3	3	14	22S	27E	578253	3583498	1796	200	35	165
C 01110	C		ED	3	1	3	16	22S	27E	575011	3583917*	1802	97		
C 00023	CUB		ED	3	3	3	09	22S	27E	575005	3585137*	1857	90	35	55
C 00023 CLW193948	O	CUB	ED	3	3	3	09	22S	27E	575005	3585137*	1857	90	35	55
C 00023 S	CUB		ED	3	3	3	09	22S	27E	575005	3585137*	1857	90		
C 03374 POD1	C		ED	4	4	4	08	22S	27E	574898	3585044	1926	58	25	33
C 00357	C		ED	4	4	2	17	22S	27E	574804	3584318*	1932	170	50	120
C 00747	CUB		ED	3	3	2	21	22S	27E	575828	3582709*	1965	148	85	63
C 00747 CLW198561	O	CUB	ED	3	3	2	21	22S	27E	575828	3582709*	1965	148		
C 02512	C		ED	1	3	22	22S	27E		576740	3582415*	2039	68	38	30
C 02512 POD2	C		ED	1	3	22	22S	27E		576740	3582415*	2039	142	57	85
C 02259	C		ED	2	4	21	22S	27E		576335	3582410*	2082	60	45	15
C 02558	C		ED	2	4	21	22S	27E		576335	3582410*	2082	55	36	19
C 02206	C		ED	2	4	4	08	22S	27E	574800	3585333*	2122	60	18	42
C 00480	C		ED	3	4	2	17	22S	27E	574604	3584318*	2132	200		
C 00614	C		ED	3	1	3	22	22S	27E	576639	3582314*	2142	95	60	35
C 00613	C		ED	4	2	4	21	22S	27E	576434	3582309*	2165	100	60	40

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(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 00412	C	ED		4	4	08	22S	27E		574701	3585234*	2175	237	40	197
C 01776	C	ED		3	1	23	22S	27E		578361	3582846*	2288	157	40	117
C 02961	C	ED		3	1	4	21	22S	27E	575830	3582303*	2332	150	70	80
C 01504	C	ED		4	3	2	17	22S	27E	574399	3584313*	2337	65	45	20
C 00231 A	CUB	ED		1	4	1	23	22S	27E	578666	3582951*	2449	178	45	133
C 03063	CUB	ED		1	4	1	23	22S	27E	578666	3582951*	2449	163	40	123
C 00016	CUB	ED		3	3	1	21	22S	27E	575018	3582698	2453	167		
C 00016 CLW202898	O	CUB	ED	3	3	1	21	22S	27E	575018	3582698*	2453	209		
C 00239	C	ED		1	2	17	22S	27E		574298	3584822*	2461	58		
C 00322	C	ED		3	3	2	17	22S	27E	574199	3584313*	2536	70		
C 00589	CUB	ED		2	4	4	04	22S	27E	576412	3586974*	2540			
C 00009	CUB	ED		3	3	3	22	22S	27E	576641	3581908	2547	165	100	65
C 00152	C	ED		3	3	3	22	22S	27E	576641	3581908*	2547	151		
C 02239	CUB	ED		3	1	2	17	22S	27E	574197	3584721*	2549	150	34	116
C 00239 POD2	C	ED		1	1	2	17	22S	27E	574197	3584921*	2577	56	28	28
C 01713	C	ED		3	1	3	23	22S	27E	578262	3582339*	2610	101	46	55
C 00360 A	CUB	ED		3	3	4	08	22S	27E	574195	3585129*	2625	90		
C 04217 POD1	C	ED		1	1	2	23	22S	27E	579137	3583385	2632	175	75	100
C 00479	C	ED			3	03	22S	27E		576919	3587082*	2634	200		
C 00663	C	ED				17	22S	27E		574098	3584187*	2647	115	30	85
C 02922	CUB	ED		3	3	4	17	22S	27E	574204	3583502*	2701	200	48	152
C 00251	C	ED		4	4	22	22S	27E		577959	3582027*	2719	84		
C 02881	C	ED		4	4	22	22S	27E		577959	3582027*	2719	60	39	21
C 04354 POD2	CUB	ED		1	1	2	27	22S	27E	577364	3581802	2725	200	123	77
C 01056	C	ED		2	4	1	17	22S	27E	573994	3584507*	2738	115	45	70
C 03084	C	ED		3	1	4	08	22S	27E	574192	3585532*	2759	112	14	98
C 00901	C	ED		1	2	1	27	22S	27E	577048	3581707*	2765	193	40	153
C 02903	C	ED		3	4	4	22	22S	27E	577858	3581926*	2767	57	40	17
C 04354 POD1	CUB	ED		1	1	2	27	22S	27E	577533	3581803	2768	200	120	80

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(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 00587	C	ED		2	2	2	28	22S	27E	576438	3581696*	2773	130	84	46
C 00148	C	ED		2	2	1	17	22S	27E	573992	3584916*	2778	60		
C 00640	C	ED		2	2	1	17	22S	27E	573992	3584916*	2778	60	34	26
C 01242	CUB	ED		1	3	3	23	22S	27E	578264	3582133*	2781	155	40	115
C 00027	CUB	ED		4	4	3	21	22S	27E	575628	3581891	2790	166		
C 00027 CLW238752	O	CUB	ED	4	4	3	21	22S	27E	575628	3581891*	2790	166		
C 00588	C	ED		2	2	1	27	22S	27E	577248	3581707*	2795	200		
C 00360	CUB	ED		4	4	3	08	22S	27E	573990	3585125*	2822	125		
C 00360 CLW229790	O	CUB	ED	4	4	3	08	22S	27E	573990	3585125*	2822	125		
C 01953	C	ED			2	3	17	22S	27E	573898	3584001*	2869	82	42	40
C 02885	C	ED		2	4	3	08	22S	27E	573990	3585325*	2877	47	18	29
C 01805	C	ED				3	23	22S	27E	578566	3582235*	2878	125	98	27
C 02117	CUB	ED		1	1	2	28	22S	27E	575834	3581691*	2905	150	60	90
C 04145 POD1	C	ED		4	2	3	08	22S	27E	574048	3585604	2920	119	81	38
C 00153	C	ED		3	4	1	17	22S	27E	573794	3584307*	2941	140		
C 00526	C	ED		3	2	1	17	22S	27E	573792	3584716*	2951	325		
C 00150	CUB	ED		3	1	1	27	22S	27E	576643	3581501*	2954	80		
C 00150 A	O	CUB	ED	3	1	1	27	22S	27E	576643	3581501*	2954	147		
C 01275	CUB	ED		1	2	3	17	22S	27E	573797	3584100*	2956	205	45	160
C 00292	CUB	ED		2	2	1	20	22S	27E	574001	3583285*	2970	183		
C 00292 CLW238488	O	CUB	ED	2	2	1	20	22S	27E	574001	3583285*	2970	183		
C 02063	C	ED					08	22S	27E	574089	3585825*	2977	45	25	20
C 03899 POD2	CUB	ED		1	4	3	17	22S	27E	573792	3583751	3022	55	10	45
C 03763 POD1	C	ED		1	2	2	28	22S	27E	575687	3581616	3024	240	55	185
C 03899 POD5	CUB	ED		1	4	3	17	22S	27E	573786	3583744	3029	55	10	45
C 01578	CUB	ED		1	4	3	17	22S	27E	573799	3583692*	3030	225	55	170
C 03899 POD4	CUB	ED		1	4	3	17	22S	27E	573783	3583755	3030	55	10	45
C 03899 POD1	CUB	ED		1	4	3	17	22S	27E	573779	3583749	3035	55	10	45
C 00532	C	ED		2	2	2	27	22S	27E	578060	3581720*	3039	90		

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




























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(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 03899 POD3		CUB	ED	1	4	3	17	22S	27E	573767	3583756 	3046	55	10	45
C 04027 POD1		CUB	ED	1	3	1	27	22S	27E	576704	3581378 	3076	140	55	85
C 01768		C	ED		2	1	20	22S	27E	573902	3583186* 	3101	104		
C 00077		CUB	ED	1	1	1	26	22S	27E	578266	3581726* 	3129	118	40	78
C 02127		C	ED	4	4	3	02	22S	27E	578846	3586802* 	3159	160	30	130
C 00836		C	ED	3	1	1	13	22S	27E	579874	3584794* 	3160	175	52	123
C 01722		C	ED	3	1	1	13	22S	27E	579874	3584794* 	3160	180	64	116
C 00572		CUB	ED	2	4	1	27	22S	27E	577250	3581301* 	3195	98	90	8
C 03688 POD1		CUB	ED	4	1	1	20	22S	27E	573568	3583978 	3199	409	40	369
C 04286 POD7		CUB	ED	2	3	3	17	22S	27E	573597	3583734 	3216	30		
C 00091		CUB	ED	4	3	3	08	22S	27E	573585	3585121* 	3216	300		
C 00091 CLW193608	O	CUB	ED	4	3	3	08	22S	27E	573585	3585121* 	3216	300		
C 01088		C	ED	3	3	3	12	22S	27E	579872	3585199* 	3227	64	36	28
C 04358 POD13		CUB	ED	2	3	3	17	22S	27E	573584	3583717 	3232	337	332	5
C 04358 POD15		CUB	ED	2	3	3	17	22S	27E	573580	3583707 	3239	550	508	42
C 04291 POD11		CUB	ED	2	3	3	17	22S	27E	573558	3583777 	3244	250	110	140
C 01590		C	ED		3	1	13	22S	27E	579977	3584489* 	3245	100	40	60
C 04358 POD10		CUB	ED	2	3	3	17	22S	27E	573563	3583755 	3245	550	418	132
C 04358 POD12		CUB	ED	2	3	3	17	22S	27E	573561	3583697 	3259	555	451	104
C 04358 POD7		CUB	ED	2	3	3	17	22S	27E	573542	3583772 	3262	548	455	93
C 03086		C	ED	2	3	3	08	22S	27E	573585	3585321* 	3264	163	38	125
C 01677		C	ED		1	3	13	22S	27E	579979	3584084* 	3268	56	20	36
C 04358 POD5		CUB	ED	4	1	3	17	22S	27E	573525	3583809 	3270	347	345	2
C 04291 POD7		CUB	ED	2	3	3	17	22S	27E	573561	3583651 	3271	300		
C 04358 POD3		CUB	ED	3	1	3	17	22S	27E	573522	3583820 	3271	408	408	0
C 04358 POD9		CUB	ED	2	3	3	17	22S	27E	573540	3583735 	3272	453	405	48
C 04358 POD11		CUB	ED	2	3	3	17	22S	27E	573535	3583755 	3272	494	408	86
C 04286 POD5		CUB	ED	1	3	3	17	22S	27E	573553	3583651 	3278	30		
C 04358 POD1		CUB	ED	4	1	3	17	22S	27E	573505	3583852 	3282	355	332	23

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(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 04368 POD1	C	ED		4	2	2	27	22S	27E	578082	3581458	3285	200	34	166
C 04358 POD2	CUB	ED		4	1	3	17	22S	27E	573501	3583825	3291	343	342	1
C 04358 POD4	CUB	ED								573508	3583791	3291	362	340	22
C 04358 POD6	CUB	ED								573512	3583756	3294	474	435	39
C 00056	CUB	ED		1	3	2	28	22S	27E	575835	3581284*	3294	98		
C 04358 POD8	CUB	ED		2	3	3	17	22S	27E	573515	3583721	3299	555	408	147
C 00540 CLW449978	O	CUB	ED		2	1	20	22S	27E	573803	3582878*	3326	148	45	103
C 00540 POD2	CUB	ED		1	4	1	20	22S	27E	573803	3582878*	3326	148	45	103
C 00114	CUB	ED		3	1	4	20	22S	27E	574210	3582279*	3330	253		
C 04291 POD12	CUB	ED		3	1	3	17	22S	27E	573453	3583859	3332	250	95	155
C 00971	C	ED			3	3	13	22S	27E	579981	3583679*	3340	60	18	42
C 00130	O	CUB	ED	2	1	1	20	22S	27E	573596	3583277*	3349	120		
C 00130 CLW240294	O	CUB	ED	2	1	1	20	22S	27E	573596	3583277*	3349	120		
C 00611	CUB	LE		1	1	3	17	22S	27E	573392	3584092*	3359	185	60	125
C 04489 POD1	CUB	ED		3	4	2	28	22S	27E	576240	3581118	3371			
C 00541	CUB	ED		3	4	1	20	22S	27E	573803	3582678*	3425	148		
C 04318 POD1	C	ED		1	3	1	24	22S	27E	579847	3582984	3444	79	58	21
C 03673 POD2	CUB	ED		3	4	3	17	22S	27E	573361	3583724	3448	404	40	364
C 00627	C	ED				1	13	22S	27E	580178	3584690*	3454	100		
C 02525	C	ED		1	3	3	08	22S	27E	573385	3585321*	3457	49	17	32
C 03117	C	ED		1	3	3	08	22S	27E	573385	3585321*	3457	400		
C 04554 POD1	C	ED		4	1	1	13	22S	27E	580167	3584850	3457	70	18	52
C 03514 POD1	C	ED		1	3	1	24	22S	27E	579923	3583010	3502	59	31	28
C 00444	CUB	ED		3	1	3	08	22S	27E	573382	3585522*	3516	90		
C 01621	CUB	ED		3	1	3	08	22S	27E	573382	3585522*	3516	82	24	58
C 02618	C	ED		3	1	3	08	22S	27E	573382	3585522*	3516	41	20	21
C 03691 POD1	CUB	ED		3	3	3	17	22S	27E	573339	3583490	3527	701	40	661
C 00066	CUB	ED		1	1	1	20	22S	27E	573396	3583277*	3537	160		
C 01578 CLW199122	O	CUB	ED	1	1	1	20	22S	27E	573396	3583277*	3537	205		

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(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 00095 CLW196524	O	CUB	ED	2	1	3	27	22S	27E	576847	3580888*	3567	157	112	45
C 03392 POD1		C	ED	2	2	4	28	22S	27E	576508	3580886	3575	140	70	70
C 03162		C	ED	2	2	2	18	22S	27E	573183	3584909*	3578	42		
C 02529		C	ED			3	12	22S	27E	580174	3585501*	3597	113	51	62
C 02787		C	ED	1	3	1	28	22S	27E	575028	3581274*	3607	143	54	89
C 00542		CUB	ED	3	1	1	20	22S	27E	573396	3583077*	3609	120		
C 00020		CUB	ED	4	4	4	07	22S	27E	573181	3585119*	3612	50		
C 00163		C	ED	2	4	3	20	22S	27E	574007	3582067*	3622	184	80	104
C 00037		C	ED	2	4	4	18	22S	27E	573191	3583678*	3625	100		
C 00147		C	ED	1	3	1	20	22S	27E	573398	3582872*	3690	53		
C 00015 CLW238653	O	CUB	ED		1	4	28	22S	27E	575938	3580778*	3760	200		
C 00095		CUB	ED	3	2	3	27	22S	27E	577052	3580694*	3773	157		
C 00278		C	ED	3	3	1	20	22S	27E	573398	3582672*	3780	80		
C 03064		C	ED	4	2	4	28	22S	27E	576442	3580682*	3783	125	70	55
C 03129	O	C	ED	4	2	4	28	22S	27E	576442	3580682*	3783	115		
C 00014 CLW244969	O	CUB	ED	3	3	1	28	22S	27E	575028	3581074*	3785	205		
C 00014 CLW244972	O	CUB	ED	3	3	1	28	22S	27E	575028	3581074*	3785	205		
C 00014 S		CUB	ED	3	3	1	28	22S	27E	575028	3581074*	3785	205		
C 01035		C	ED			3	20	22S	27E	573703	3582162*	3798	90	75	15
C 01829		CUB	ED	3	2	4	28	22S	27E	576242	3580682*	3803	125		
C 03434 POD1		C	ED	4	4	2	29	22S	27E	574876	3581101	3831	99	75	24
C 00467		C	ED		2	4	27	22S	27E	577964	3580807*	3849	200	74	126
C 02648		C	ED		4	2	29	22S	27E	574724	3581168*	3850	200	66	134
C 00040		C	ED		2	2	19	22S	27E	573093	3583175*	3857	100		
C 00042		C	ED		2	2	19	22S	27E	573093	3583175*	3857	100		
C 02631		C	ED	4	4	2	29	22S	27E	574823	3581067*	3887	96	69	27
C 03062		CUB	ED	3	2	4	27	22S	27E	577863	3580706*	3914	150	100	50
C 02149 CLW468826	O	C	ED			4	28	22S	27E	576141	3580572*	3926	125	70	55
C 00074		CUB	ED	2	3	3	20	22S	27E	573601	3582060*	3941	222	52	170

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(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 00628	C		ED	2	3	3	20	22S	27E	573601	3582060*	3941	175	80	95
C 00308	C		ED		4	2	07	22S	27E	573077	3586019*	3975	35		
C 00562	C		ED	4	2	4	27	22S	27E	578063	3580706*	3977	150		
C 00194	C		ED	1	4	3	27	22S	27E	577054	3580487*	3980	165	100	65
C 02587	R	C	ED		2	2	26	22S	27E	579630	3581720	3983	71	12	59
C 00540		CUB	ED	3	1	3	20	22S	27E	573399	3582266*	3987	300		
C 00014		CUB	ED	3	2	3	28	22S	27E	575434	3580672*	3998	202		

Average Depth to Water: **85 feet**

Minimum Depth: **10 feet**

Maximum Depth: **508 feet**

Record Count: 207

UTM NAD83 Radius Search (in meters):

Easting (X): 576732

Northing (Y): 3584454

Radius: 4000

*UTM location was derived from PLSS - see Help

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12/20/22 6:57 AM

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WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)					(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X Y
	C 00576	3	1	1	15	22S	27E	576628 3584749*
Driller License: 460 Driller Company: JENKINS BROTHERS DRILLING								
Driller Name:								
Drill Start Date: 06/15/1972			Drill Finish Date: 07/01/1947			Plug Date:		
Log File Date: 06/26/1972			PCW Rev Date:			Source: Shallow		
Pump Type:			Pipe Discharge Size:			Estimated Yield: 3000 GPM		
Casing Size: 18.00			Depth Well: 119 feet			Depth Water: 184 feet		

Water Bearing Stratifications:	Top	Bottom	Description
	115	125	Limestone/Dolomite/Chalk
	125	132	Shale/Mudstone/Siltstone
	132	140	Limestone/Dolomite/Chalk
	140	145	Shale/Mudstone/Siltstone
	145	184	Other/Unknown

Meter Number:	5512	Meter Make:	MCCROMETER
Meter Serial Number:	06-12-01967	Meter Multiplier:	0.0010
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Acre-Feet	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
04/09/2002	2002	0	A	ms		0
05/07/2002	2002	46	A	ms		46.240
06/18/2002	2002	138	A	MS		91.920
09/05/2002	2002	233	A	ms		94.680
10/28/2002	2002	311	A	ms		78.530
01/22/2003	2002	311	A	ms		0
04/09/2003	2003	323	A	ms		12.100
06/17/2003	2003	534	A	ms		210.770
08/21/2003	2003	797	A	ab		262.900
10/28/2003	2003	892	A	TW		94.970
01/08/2004	2003	898	A	ab		5.510
04/22/2004	2004	1031	A	TW		132.930
07/19/2004	2004	1071	A	TW		40.050
10/21/2004	2004	1127	A	TW		56.500
01/03/2005	2004	1127	A	TW		0
04/05/2005	2005	1127	A	JW		0
07/07/2005	2005	1127	A	JW		0
01/11/2006	2005	1127	A	TW		0

04/13/2006	2006	1130	A	tw		2.750
07/13/2006	2006	1137	A	tw		7.190
11/15/2006	2006	1220	A	tw		82.780
01/10/2007	2006	1224	A	tw		3.760
07/11/2007	2007	1224	A	tw		0
10/22/2007	2007	1224	A	tw		0
01/09/2008	2007	1224	A	tw		0
05/01/2008	2008	1231	A	tw		7.530
07/22/2008	2008	1370	A	tw		138.820
10/09/2008	2008	1381	A	tw		11.500
12/22/2008	2008	1381	A	tw		0
06/02/2009	2009	1548	A	tw		166.300
01/07/2010	2009	1660	A	tw		112.760
01/08/2010	2010	112760	A	tw		0
07/13/2010	2010	206710	A	tw		93.950
10/13/2010	2010	206710	A	tw		0
01/24/2011	2010	206710	A	tw		0
08/04/2011	2011	737779	A	tw		531.069
11/01/2011	2011	31991	R	tw	Meter Rollover	294.212
01/24/2012	2011	31991	A	tw		0
04/16/2012	2012	155263	A	tw		123.272
07/24/2012	2012	418178	A	tw		262.915
02/28/2013	2012	655648	A	tw		237.470
05/20/2013	2013	659013	A	tw		3.365
10/29/2013	2013	943280	A	tw		284.267
12/09/2014	2014	17	R	tw	Meter Rollover	56.737
07/21/2015	2015	17	A	tw		0
09/15/2015	2015	17	A	tw		0
08/02/2016	2016	17	A	tw		0
12/06/2016	2016	17	A	tw		0
05/25/2017	2017	17	A	tw		0
12/28/2017	2017	17	A	tw		0

**YTD Meter Amounts:			Year	Amount
			2002	311.370
			2003	586.250
			2004	229.480
			2005	0
			2006	96.480
			2007	0
			2008	157.850
			2009	279.060
			2010	93.950
			2011	825.281
			2012	623.657
			2013	287.632
			2014	56.737
			2015	0
			2016	0
			2017	0

x			
Meter Number:	5513	Meter Make:	ELECTRIC
Meter Serial Number:	13831626	Meter Multiplier:	1.0000
Number of Dials:	5	Meter Type:	Power Child
Unit of Measure:	Kilowatt Hours	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

x			

Meter Readings in (Kilowatt Hours)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
01/16/2003	2002	311	A	MB		0

x			
**YTD Meter Amounts:	Year	Amount	
	2002	0	

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12/20/22 6:58 AM POINT OF DIVERSION SUMMARY

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
				Groundwater	New Mexico	GO	

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Groundwater levels for New Mexico

Click to hide state-specific text

1 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 322354104110401

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

USGS 322354104110401 22S.27E.15.113133

Eddy County, New Mexico
Latitude 32°23'51.2", Longitude 104°11'09.3" NAD83
Land-surface elevation 3,081 feet above NAVD88
The depth of the well is 119 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) 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
1947-09-29		D	62610		3065.76	NGVD29	1		Z	
1947-09-29		D	62611		3067.32	NAVD88	1		Z	
1947-09-29		D	72019	13.68			1		Z	
1983-01-17		D	62610		3058.14	NGVD29	1		Z	
1983-01-17		D	62611		3059.70	NAVD88	1		Z	
1983-01-17		D	72019	21.30			1		Z	
1988-02-16		D	62610		3069.73	NGVD29	1		Z	
1988-02-16		D	62611		3071.29	NAVD88	1		Z	
1988-02-16		D	72019	9.71			1		Z	
1993-01-06		D	62610		3070.15	NGVD29	1		S	
1993-01-06		D	62611		3071.71	NAVD88	1		S	
1993-01-06		D	72019	9.29			1		S	
1996-01-22		D	62610		3069.18	NGVD29	1		S	
1996-01-22		D	62611		3070.74	NAVD88	1		S	
1996-01-22		D	72019	10.26			1		S	
1998-01-06		D	62610		3069.69	NGVD29	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	? S
1998-01-06	D	62611	3071.25	NAVD88	1	S	
1998-01-06	D	72019	9.75		1	S	
2003-01-16	D	62610	3058.64	NGVD29	1	S	USGS
2003-01-16	D	62611	3060.20	NAVD88	1	S	USGS
2003-01-16	D	72019	20.80		1	S	USGS

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
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Page Last Modified: 2022-12-20 09:09:09 EST

0.29 0.25 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 02242	1	1	4	15	22S	27E	577186	3584336 
x									
Driller License:		Driller Company:							
Driller Name:		BILL HELLYER							
Drill Start Date:		Drill Finish Date:				12/31/1947		Plug Date:	
Log File Date:		PCW Rev Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield: 3500 GPM	
Casing Size: 20.00		Depth Well:				150 feet		Depth Water: 22 feet	

Meter Number:		4695		Meter Make:		WATER SPEC	
Meter Serial Number:		961049		Meter Multiplier:		1.0000	
Number of Dials:		4		Meter Type:		Diversion	
Unit of Measure:		Acre-Feet		Return Flow Percent:			
Usage Multiplier:				Reading Frequency:			

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
05/15/2001	2001	0	A	ms		0
07/27/2001	2001	83	A	ms		82.590
09/24/2001	2001	237	A	SS		154.180
11/06/2001	2001	237	A	ms		0
04/09/2002	2002	237	A	MB		0
06/18/2002	2002	494	A	MS		257.410
09/05/2002	2002	601	A	ms		107.090
10/28/2002	2002	648	A	ms		46.640
01/22/2003	2002	648	A	ms		0
04/09/2003	2003	660	A	ms		12.370
06/17/2003	2003	810	A	ms		149.720
08/21/2003	2003	1033	A	ab		223.480
10/28/2003	2003	1121	A	TW		87.520
01/08/2004	2003	1121	A	ab		0
04/22/2004	2004	1198	A	TW		77.350
07/19/2004	2004	1249	A	TW		50.710
10/21/2004	2004	1275	A	TW		25.710
01/03/2005	2004	1275	A	TW		0
04/05/2005	2005	1275	A	JW		0
07/07/2005	2005	1275	A	JW		0
01/09/2006	2005	1275	A	TW		0
02/14/2006	2005	1275	A	ms		0
04/13/2006	2006	1275	A	tw		0
07/13/2006	2006	1275	A	tw		0
11/15/2006	2006	1275	A	tw		0

01/10/2007	2006	1275	A	tw	0
07/11/2007	2007	1275	A	tw	0
10/08/2007	2007	1275	A	tw	0
01/09/2008	2007	1275	A	tw	0
05/01/2008	2008	1275	A	tw	0
07/22/2008	2008	1303	A	tw	28.040
10/09/2008	2008	1310	A	tw	7.000
01/22/2009	2008	1310	A	tw	0
06/02/2009	2009	1320	A	tw	10.550
01/09/2010	2009	1324	A	tw	3.560
07/13/2010	2010	1324	A	tw	0
10/13/2010	2010	1324	A	tw	0
12/28/2010	2010	1324	A	tw	0
08/04/2011	2011	1447	A	tw	123.360
11/01/2011	2011	1559	A	tw	112.040
01/24/2012	2011	1559	A	tw	0
04/16/2012	2012	1580	A	tw	20.970
07/24/2012	2012	1698	A	tw	117.690
02/28/2013	2012	1840	A	tw	141.560
10/29/2013	2013	2111	A	tw	271.270
02/11/2014	2014	2111	A	tw	0
12/19/2014	2014	2117	A	tw	6.090
07/21/2015	2015	2117	A	tw	0

**YTD Meter Amounts:		
Year	Amount	
2001	236.770	
2002	411.140	
2003	473.090	
2004	153.770	
2005	0	
2006	0	
2007	0	
2008	35.040	
2009	14.110	
2010	0	
2011	235.400	
2012	280.220	
2013	271.270	
2014	6.090	
2015	0	

Meter Number:	5413	Meter Make:	ELECTRIC
Meter Serial Number:	55045268	Meter Multiplier:	1.0000
Number of Dials:	5	Meter Type:	Power Child
Unit of Measure:	Kilowatt Hours	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

Meter Readings in (Kilowatt Hours)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
09/25/2001	2001	680	A	SS	New meter	0

11/06/2001	2001	680	A	AM	0
04/09/2002	2002	680	A	MB	0

**YTD Meter Amounts:		Year	Amount
		2001	0
		2002	0

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12/20/22 7:02 AM POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	00576 S	2	4	1	15	22S	27E	577235	3584550



Driller License: 24 **Driller Company:** BRININSTOOL, M.D.

Driller Name: BRININSTOOL

Drill Start Date: 05/01/1974	Drill Finish Date: 05/12/1974	Plug Date:
Log File Date: 06/02/1975	PCW Rev Date: 05/06/1975	Source: Shallow
Pump Type: TURBIN	Pipe Discharge Size: 12	Estimated Yield: 2800 GPM
Casing Size: 16.00	Depth Well: 172 feet	Depth Water: 48 feet

Water Bearing Stratifications:	Top	Bottom	Description
	47	105	Shallow Alluvium/Basin Fill
	110	147	Shallow Alluvium/Basin Fill

Casing Perforations:	Top	Bottom
	50	112

Meter Number: 15216	Meter Make: ELEMETER
Meter Serial Number: 62598694	Meter Multiplier: 1.0000
Number of Dials: 6	Meter Type: Diversion
Unit of Measure: Acre-Feet	Return Flow Percent:
Usage Multiplier:	Reading Frequency:

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
01/01/2012	2012	0	A	tw		0
02/28/2013	2012	435	A	tw		434.680
05/29/2013	2013	527	A	tw		92.089
05/30/2013	2013	0	A	tw		0
05/31/2013	2013	90	A	tw		89.825
10/29/2013	2013	479	A	tw		388.724
02/11/2014	2014	479	A	tw		0.002
12/09/2014	2014	591	A	tw		112.638
07/21/2015	2015	591	A	tw		0
09/15/2015	2015	591	A	tw		0
08/02/2016	2016	591	A	tw		0
12/06/2016	2016	591	A	tw		0
05/25/2017	2017	591	A	tw		0
12/28/2017	2017	591	A	tw		0

**YTD Meter Amounts:	Year	Amount
	2012	434.680
	2013	570.638
	2014	112.640

2015	0
2016	0
2017	0

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12/20/22 7:03 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	00284		2	1	15	22S	27E	577134	3584856*
<hr/>									
Driller License:	24	Driller Company:		BRININSTOOL, M.D.					
Driller Name:	HOWARD HEMLER								
Drill Start Date:	03/14/1952	Drill Finish Date:		03/16/1952		Plug Date:			
Log File Date:	03/19/1952	PCW Rev Date:		04/07/1952		Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	7.00	Depth Well:		130 feet		Depth Water:		20 feet	
<hr/>									
Water Bearing Stratifications:		Top	Bottom	Description					
		60	75	Sandstone/Gravel/Conglomerate					
		110	130	Limestone/Dolomite/Chalk					

*UTM location was derived from PLSS - see Help

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12/20/22 7:06 AM

POINT OF DIVERSION SUMMARY

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

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 322403104110401

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

USGS 322403104110401 22S.27E.10.333333

Eddy County, New Mexico
Latitude 32°24'01.5", Longitude 104°11'08.4" NAD83
Land-surface elevation 3,078.90 feet above NGVD29
The depth of the well is 169 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) 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 measur
1947-09-29		D	62610		3067.77	NGVD29	1		Z	
1947-09-29		D	62611		3069.33	NAVD88	1		Z	
1947-09-29		D	72019	11.13			1		Z	
1948-01-07		D	62610		3067.32	NGVD29	1		Z	
1948-01-07		D	62611		3068.88	NAVD88	1		Z	
1948-01-07		D	72019	11.58			1		Z	
1948-03-22		D	62610		3066.06	NGVD29	1		Z	
1948-03-22		D	62611		3067.62	NAVD88	1		Z	
1948-03-22		D	72019	12.84			1		Z	
1948-05-19		D	62610		3067.43	NGVD29	1		Z	
1948-05-19		D	62611		3068.99	NAVD88	1		Z	
1948-05-19		D	72019	11.47			1		Z	
1948-07-20		D	62610		3065.34	NGVD29	1		Z	
1948-07-20		D	62611		3066.90	NAVD88	1		Z	
1948-07-20		D	72019	13.56			1		Z	
1948-09-21		D	62610		3069.00	NGVD29	1		Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
1948-09-21	D	62611	3070.56	NAVD88	1	Z	
1948-09-21	D	72019	9.90		1	Z	
1948-11-10	D	62610	3069.57	NGVD29	1	Z	
1948-11-10	D	62611	3071.13	NAVD88	1	Z	
1948-11-10	D	72019	9.33		1	Z	
1948-12-21	D	62610	3068.73	NGVD29	1	Z	
1948-12-21	D	62611	3070.29	NAVD88	1	Z	
1948-12-21	D	72019	10.17		1	Z	
1949-01-27	D	62610	3068.26	NGVD29	1	Z	
1949-01-27	D	62611	3069.82	NAVD88	1	Z	
1949-01-27	D	72019	10.64		1	Z	
1949-03-18	D	62610	3064.65	NGVD29	1	Z	
1949-03-18	D	62611	3066.21	NAVD88	1	Z	
1949-03-18	D	72019	14.25		1	Z	
1949-05-17	D	62610	3068.06	NGVD29	1	Z	
1949-05-17	D	62611	3069.62	NAVD88	1	Z	
1949-05-17	D	72019	10.84		1	Z	
1949-07-23	D	62610	3072.80	NGVD29	1	Z	
1949-07-23	D	62611	3074.36	NAVD88	1	Z	
1949-07-23	D	72019	6.10		1	Z	
1949-09-21	D	62610	3074.67	NGVD29	1	Z	
1949-09-21	D	62611	3076.23	NAVD88	1	Z	
1949-09-21	D	72019	4.23		1	Z	
1949-11-09	D	62610	3073.79	NGVD29	1	Z	
1949-11-09	D	62611	3075.35	NAVD88	1	Z	
1949-11-09	D	72019	5.11		1	Z	
1950-01-17	D	62610	3072.22	NGVD29	1	Z	
1950-01-17	D	62611	3073.78	NAVD88	1	Z	
1950-01-17	D	72019	6.68		1	Z	
1950-03-21	D	62610	3072.01	NGVD29	1	Z	
1950-03-21	D	62611	3073.57	NAVD88	1	Z	
1950-03-21	D	72019	6.89		1	Z	
1950-05-16	D	62610	3074.10	NGVD29	1	Z	
1950-05-16	D	62611	3075.66	NAVD88	1	Z	
1950-05-16	D	72019	4.80		1	Z	
1950-07-17	D	62610	3074.70	NGVD29	1	Z	
1950-07-17	D	62611	3076.26	NAVD88	1	Z	
1950-07-17	D	72019	4.20		1	Z	
1950-09-15	D	62610	3075.10	NGVD29	1	Z	
1950-09-15	D	62611	3076.66	NAVD88	1	Z	
1950-09-15	D	72019	3.80		1	Z	
1950-11-15	D	62610	3074.60	NGVD29	1	Z	
1950-11-15	D	62611	3076.16	NAVD88	1	Z	
1950-11-15	D	72019	4.30		1	Z	
1951-01-16	D	62610	3072.60	NGVD29	1	Z	
1951-01-16	D	62611	3074.16	NAVD88	1	Z	
1951-01-16	D	72019	6.30		1	Z	
1951-03-22	D	62610	3072.09	NGVD29	1	Z	
1951-03-22	D	62611	3073.65	NAVD88	1	Z	
1951-03-22	D	72019	6.81		1	Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
1951-05-16	D	62610	3072.80	NGVD29	1	Z	
1951-05-16	D	62611	3074.36	NAVD88	1	Z	
1951-05-16	D	72019	6.10		1	Z	
1951-07-17	D	62610	3073.88	NGVD29	1	Z	
1951-07-17	D	62611	3075.44	NAVD88	1	Z	
1951-07-17	D	72019	5.02		1	Z	
1951-09-14	D	62610	3069.37	NGVD29	1	Z	
1951-09-14	D	62611	3070.93	NAVD88	1	Z	
1951-09-14	D	72019	9.53		1	Z	
1951-11-19	D	62610	3067.79	NGVD29	1	Z	
1951-11-19	D	62611	3069.35	NAVD88	1	Z	
1951-11-19	D	72019	11.11		1	Z	
1952-01-14	D	62610	3067.56	NGVD29	1	Z	
1952-01-14	D	62611	3069.12	NAVD88	1	Z	
1952-01-14	D	72019	11.34		1	Z	
1952-03-20	D	62610	3065.41	NGVD29	1	Z	
1952-03-20	D	62611	3066.97	NAVD88	1	Z	
1952-03-20	D	72019	13.49		1	Z	
1952-05-22	D	62610	3047.37	NGVD29	P	Z	
1952-05-22	D	62611	3048.93	NAVD88	P	Z	
1952-05-22	D	72019	31.53		P	Z	
1952-07-18	D	62610	3062.26	NGVD29	1	Z	
1952-07-18	D	62611	3063.82	NAVD88	1	Z	
1952-07-18	D	72019	16.64		1	Z	
1952-12-22	D	62610	3062.39	NGVD29	1	Z	
1952-12-22	D	62611	3063.95	NAVD88	1	Z	
1952-12-22	D	72019	16.51		1	Z	
1953-01-15	D	62610	3062.46	NGVD29	1	Z	
1953-01-15	D	62611	3064.02	NAVD88	1	Z	
1953-01-15	D	72019	16.44		1	Z	
1953-03-20	D	62610	3059.53	NGVD29	1	Z	
1953-03-20	D	62611	3061.09	NAVD88	1	Z	
1953-03-20	D	72019	19.37		1	Z	
1953-05-20	D	62610	3044.71	NGVD29	P	Z	
1953-05-20	D	62611	3046.27	NAVD88	P	Z	
1953-05-20	D	72019	34.19		P	Z	
1953-07-30	D	62610	3045.21	NGVD29	P	Z	
1953-07-30	D	62611	3046.77	NAVD88	P	Z	
1953-07-30	D	72019	33.69		P	Z	
1953-11-27	D	62610	3057.60	NGVD29	1	Z	
1953-11-27	D	62611	3059.16	NAVD88	1	Z	
1953-11-27	D	72019	21.30		1	Z	
1954-01-18	D	62610	3056.36	NGVD29	1	Z	
1954-01-18	D	62611	3057.92	NAVD88	1	Z	
1954-01-18	D	72019	22.54		1	Z	
1954-05-04	D	62610	3056.25	NGVD29	1	Z	
1954-05-04	D	62611	3057.81	NAVD88	1	Z	
1954-05-04	D	72019	22.65		1	Z	
1954-07-08	D	62610	3033.26	NGVD29	1	Z	
1954-07-08	D	62611	3034.82	NAVD88	1	Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
1954-07-08	D	72019	45.64		1	Z	
1954-08-31	D	62610	3048.93	NGVD29	1	Z	
1954-08-31	D	62611	3050.49	NAVD88	1	Z	
1954-08-31	D	72019	29.97		1	Z	
1954-10-12	D	62610	3050.45	NGVD29	1	Z	
1954-10-12	D	62611	3052.01	NAVD88	1	Z	
1954-10-12	D	72019	28.45		1	Z	
1954-11-08	D	62610	3058.85	NGVD29	1	Z	
1954-11-08	D	62611	3060.41	NAVD88	1	Z	
1954-11-08	D	72019	20.05		1	Z	
1955-01-13	D	62610	3060.96	NGVD29	1	Z	
1955-01-13	D	62611	3062.52	NAVD88	1	Z	
1955-01-13	D	72019	17.94		1	Z	
1955-03-16	D	62610	3062.26	NGVD29	1	Z	
1955-03-16	D	62611	3063.82	NAVD88	1	Z	
1955-03-16	D	72019	16.64		1	Z	
1955-05-17	D	62610	3064.15	NGVD29	1	Z	
1955-05-17	D	62611	3065.71	NAVD88	1	Z	
1955-05-17	D	72019	14.75		1	Z	
1955-07-08	D	62610	3064.21	NGVD29	1	Z	
1955-07-08	D	62611	3065.77	NAVD88	1	Z	
1955-07-08	D	72019	14.69		1	Z	
1955-11-07	D	62610	3068.94	NGVD29	1	Z	
1955-11-07	D	62611	3070.50	NAVD88	1	Z	
1955-11-07	D	72019	9.96		1	Z	
1956-01-07	D	62610	3067.37	NGVD29	1	Z	
1956-01-07	D	62611	3068.93	NAVD88	1	Z	
1956-01-07	D	72019	11.53		1	Z	
1956-05-02	D	62610	3067.19	NGVD29	1	Z	
1956-05-02	D	62611	3068.75	NAVD88	1	Z	
1956-05-02	D	72019	11.71		1	Z	
1956-07-09	D	62610	3066.67	NGVD29	1	Z	
1956-07-09	D	62611	3068.23	NAVD88	1	Z	
1956-07-09	D	72019	12.23		1	Z	
1956-09-26	D	62610	3064.29	NGVD29	1	Z	
1956-09-26	D	62611	3065.85	NAVD88	1	Z	
1956-09-26	D	72019	14.61		1	Z	
1956-11-05	D	62610	3063.16	NGVD29	1	Z	
1956-11-05	D	62611	3064.72	NAVD88	1	Z	
1956-11-05	D	72019	15.74		1	Z	
1957-01-05	D	62610	3062.46	NGVD29	1	Z	
1957-01-05	D	62611	3064.02	NAVD88	1	Z	
1957-01-05	D	72019	16.44		1	Z	
1957-05-15	D	62610	3045.81	NGVD29	1	Z	
1957-05-15	D	62611	3047.37	NAVD88	1	Z	
1957-05-15	D	72019	33.09		1	Z	
1957-08-07	D	62610	3048.81	NGVD29	1	Z	
1957-08-07	D	62611	3050.37	NAVD88	1	Z	
1957-08-07	D	72019	30.09		1	Z	
1957-11-29	D	62610	3061.96	NGVD29	1	Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	S
1957-11-29	D	62611	3063.52	NAVD88	1	Z	
1957-11-29	D	72019	16.94		1	Z	
1958-01-08	D	62610	3061.87	NGVD29	1	Z	
1958-01-08	D	62611	3063.43	NAVD88	1	Z	
1958-01-08	D	72019	17.03		1	Z	
1958-05-21	D	62610	3064.35	NGVD29	1	Z	
1958-05-21	D	62611	3065.91	NAVD88	1	Z	
1958-05-21	D	72019	14.55		1	Z	
1958-08-11	D	62610	3065.76	NGVD29	1	Z	
1958-08-11	D	62611	3067.32	NAVD88	1	Z	
1958-08-11	D	72019	13.14		1	Z	
1958-11-28	D	62610	3067.14	NGVD29	1	Z	
1958-11-28	D	62611	3068.70	NAVD88	1	Z	
1958-11-28	D	72019	11.76		1	Z	
1959-01-08	D	62610	3066.16	NGVD29	1	Z	
1959-01-08	D	62611	3067.72	NAVD88	1	Z	
1959-01-08	D	72019	12.74		1	Z	
1959-05-29	D	62610	3068.81	NGVD29	1	Z	
1959-05-29	D	62611	3070.37	NAVD88	1	Z	
1959-05-29	D	72019	10.09		1	Z	
1959-08-18	D	62610	3066.06	NGVD29	1	Z	
1959-08-18	D	62611	3067.62	NAVD88	1	Z	
1959-08-18	D	72019	12.84		1	Z	
1959-11-17	D	62610	3068.19	NGVD29	1	Z	
1959-11-17	D	62611	3069.75	NAVD88	1	Z	
1959-11-17	D	72019	10.71		1	Z	
1960-01-08	D	62610	3066.98	NGVD29	P	Z	
1960-01-08	D	62611	3068.54	NAVD88	P	Z	
1960-01-08	D	72019	11.92		P	Z	
1960-03-21	D	62610	3066.03	NGVD29	P	Z	
1960-03-21	D	62611	3067.59	NAVD88	P	Z	
1960-03-21	D	72019	12.87		P	Z	
1960-08-17	D	62610	3068.14	NGVD29	1	Z	
1960-08-17	D	62611	3069.70	NAVD88	1	Z	
1960-08-17	D	72019	10.76		1	Z	
1960-11-22	D	62610	3070.02	NGVD29	1	Z	
1960-11-22	D	62611	3071.58	NAVD88	1	Z	
1960-11-22	D	72019	8.88		1	Z	
1961-01-04	D	62610	3069.32	NGVD29	1	Z	
1961-01-04	D	62611	3070.88	NAVD88	1	Z	
1961-01-04	D	72019	9.58		1	Z	
1961-05-24	D	62610	3069.04	NGVD29	1	Z	
1961-05-24	D	62611	3070.60	NAVD88	1	Z	
1961-05-24	D	72019	9.86		1	Z	
1961-08-11	D	62610	3068.47	NGVD29	1	Z	
1961-08-11	D	62611	3070.03	NAVD88	1	Z	
1961-08-11	D	72019	10.43		1	Z	
1961-11-07	D	62610	3069.55	NGVD29	1	Z	
1961-11-07	D	62611	3071.11	NAVD88	1	Z	
1961-11-07	D	72019	9.35		1	Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	S
1962-01-05	D	62610	3068.52	NGVD29	1	Z	
1962-01-05	D	62611	3070.08	NAVD88	1	Z	
1962-01-05	D	72019	10.38		1	Z	
1962-05-14	D	62610	3065.73	NGVD29	1	Z	
1962-05-14	D	62611	3067.29	NAVD88	1	Z	
1962-05-14	D	72019	13.17		1	Z	
1962-08-16	D	62610	3067.77	NGVD29	P	Z	
1962-08-16	D	62611	3069.33	NAVD88	P	Z	
1962-08-16	D	72019	11.13		P	Z	
1962-11-15	D	62610	3070.54	NGVD29	1	Z	
1962-11-15	D	62611	3072.10	NAVD88	1	Z	
1962-11-15	D	72019	8.36		1	Z	
1963-01-15	D	62610	3068.47	NGVD29	1	Z	
1963-01-15	D	62611	3070.03	NAVD88	1	Z	
1963-01-15	D	72019	10.43		1	Z	
1963-09-03	D	62610	3061.18	NGVD29	1	Z	
1963-09-03	D	62611	3062.74	NAVD88	1	Z	
1963-09-03	D	72019	17.72		1	Z	
1964-01-14	D	62610	3064.23	NGVD29	1	Z	
1964-01-14	D	62611	3065.79	NAVD88	1	Z	
1964-01-14	D	72019	14.67		1	Z	
1964-08-27	D	62610	3046.85	NGVD29	1	Z	
1964-08-27	D	62611	3048.41	NAVD88	1	Z	
1964-08-27	D	72019	32.05		1	Z	
1965-01-13	D	62610	3050.38	NGVD29	1	Z	
1965-01-13	D	62611	3051.94	NAVD88	1	Z	
1965-01-13	D	72019	28.52		1	Z	
1965-09-07	D	62610	3043.88	NGVD29	1	Z	
1965-09-07	D	62611	3045.44	NAVD88	1	Z	
1965-09-07	D	72019	35.02		1	Z	
1966-01-04	D	62610	3055.11	NGVD29	1	Z	
1966-01-04	D	62611	3056.67	NAVD88	1	Z	
1966-01-04	D	72019	23.79		1	Z	
1966-09-22	D	62610	3059.13	NGVD29	1	Z	
1966-09-22	D	62611	3060.69	NAVD88	1	Z	
1966-09-22	D	72019	19.77		1	Z	
1967-01-23	D	62610	3044.56	NGVD29	1	Z	
1967-01-23	D	62611	3046.12	NAVD88	1	Z	
1967-01-23	D	72019	34.34		1	Z	
1968-01-23	D	62610	3057.89	NGVD29	1	Z	
1968-01-23	D	62611	3059.45	NAVD88	1	Z	
1968-01-23	D	72019	21.01		1	Z	
1969-01-28	D	62610	3059.54	NGVD29	1	Z	
1969-01-28	D	62611	3061.10	NAVD88	1	Z	
1969-01-28	D	72019	19.36		1	Z	
1970-01-20	D	62610	3060.72	NGVD29	1	Z	
1970-01-20	D	62611	3062.28	NAVD88	1	Z	
1970-01-20	D	72019	18.18		1	Z	
1971-01-13	D	62610	3060.32	NGVD29	1	Z	
1971-01-13	D	62611	3061.88	NAVD88	1	Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1971-01-13	D	72019	18.58		1	Z	
1972-01-11	D	62610	3042.12	NGVD29	1	Z	
1972-01-11	D	62611	3043.68	NAVD88	1	Z	
1972-01-11	D	72019	36.78		1	Z	
1973-01-05	D	62610	3058.54	NGVD29	1	Z	
1973-01-05	D	62611	3060.10	NAVD88	1	Z	
1973-01-05	D	72019	20.36		1	Z	
1974-01-14	D	62610	3060.21	NGVD29	1	Z	
1974-01-14	D	62611	3061.77	NAVD88	1	Z	
1974-01-14	D	72019	18.69		1	Z	
1975-01-10	D	62610	3061.51	NGVD29	1	Z	
1975-01-10	D	62611	3063.07	NAVD88	1	Z	
1975-01-10	D	72019	17.39		1	Z	
1976-01-14	D	62610	3058.99	NGVD29	1	Z	
1976-01-14	D	62611	3060.55	NAVD88	1	Z	
1976-01-14	D	72019	19.91		1	Z	
1977-01-14	D	62610	3054.96	NGVD29	1	Z	
1977-01-14	D	62611	3056.52	NAVD88	1	Z	
1977-01-14	D	72019	23.94		1	Z	
1978-01-25	D	62610	3052.92	NGVD29	1	Z	
1978-01-25	D	62611	3054.48	NAVD88	1	Z	
1978-01-25	D	72019	25.98		1	Z	
1979-01-17	D	62610	3056.21	NGVD29	1	Z	
1979-01-17	D	62611	3057.77	NAVD88	1	Z	
1979-01-17	D	72019	22.69		1	Z	
1983-01-03	D	62610	3061.72	NGVD29	1	Z	
1983-01-03	D	62611	3063.28	NAVD88	1	Z	
1983-01-03	D	72019	17.18		1	Z	
1988-02-16	D	62610	3071.85	NGVD29	1	Z	
1988-02-16	D	62611	3073.41	NAVD88	1	Z	
1988-02-16	D	72019	7.05		1	Z	
1993-01-06	D	62610	3072.22	NGVD29	1	S	
1993-01-06	D	62611	3073.78	NAVD88	1	S	
1993-01-06	D	72019	6.68		1	S	
1995-07-12	D	62610	3071.55	NGVD29	1	S	
1995-07-12	D	62611	3073.11	NAVD88	1	S	
1995-07-12	D	72019	7.35		1	S	
1996-01-22	D	62610	3071.70	NGVD29	1	S	
1996-01-22	D	62611	3073.26	NAVD88	1	S	
1996-01-22	D	72019	7.20		1	S	
1998-01-06	D	62610	3071.92	NGVD29	1	S	
1998-01-06	D	62611	3073.48	NAVD88	1	S	
1998-01-06	D	72019	6.98		1	S	
2003-01-16	D	62610	3062.45	NGVD29	1	S	USGS
2003-01-16	D	62611	3064.01	NAVD88	1	S	USGS
2003-01-16	D	72019	16.45		1	S	USGS
2013-01-11 21:45 UTC	m	62610	3059.48	NGVD29	1	S	USGS
2013-01-11 21:45 UTC	m	62611	3061.04	NAVD88	1	S	USGS
2013-01-11 21:45 UTC	m	72019	19.42		1	S	USGS
2018-01-11 17:36 UTC	m	62610	3069.42	NGVD29	1	S	USGS

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	
2018-01-11 17:36 UTC	m	62611		3070.98	NAVD88	1	S	USGS
2018-01-11 17:36 UTC	m	72019	9.48			1	S	USGS
2021-02-03 21:00 UTC	m	62610		3066.91	NGVD29	3	Z	USGS
2021-02-03 21:00 UTC	m	62611		3068.47	NAVD88	3	Z	USGS
2021-02-03 21:00 UTC	m	72019	11.99			3	Z	USGS
2022-01-14 14:31 UTC	m	62610		3067.89	NGVD29	1	V	USGS
2022-01-14 14:31 UTC	m	62611		3069.45	NAVD88	1	V	USGS
2022-01-14 14:31 UTC	m	72019	11.01			1	V	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	True value is above reported value due to local conditions
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

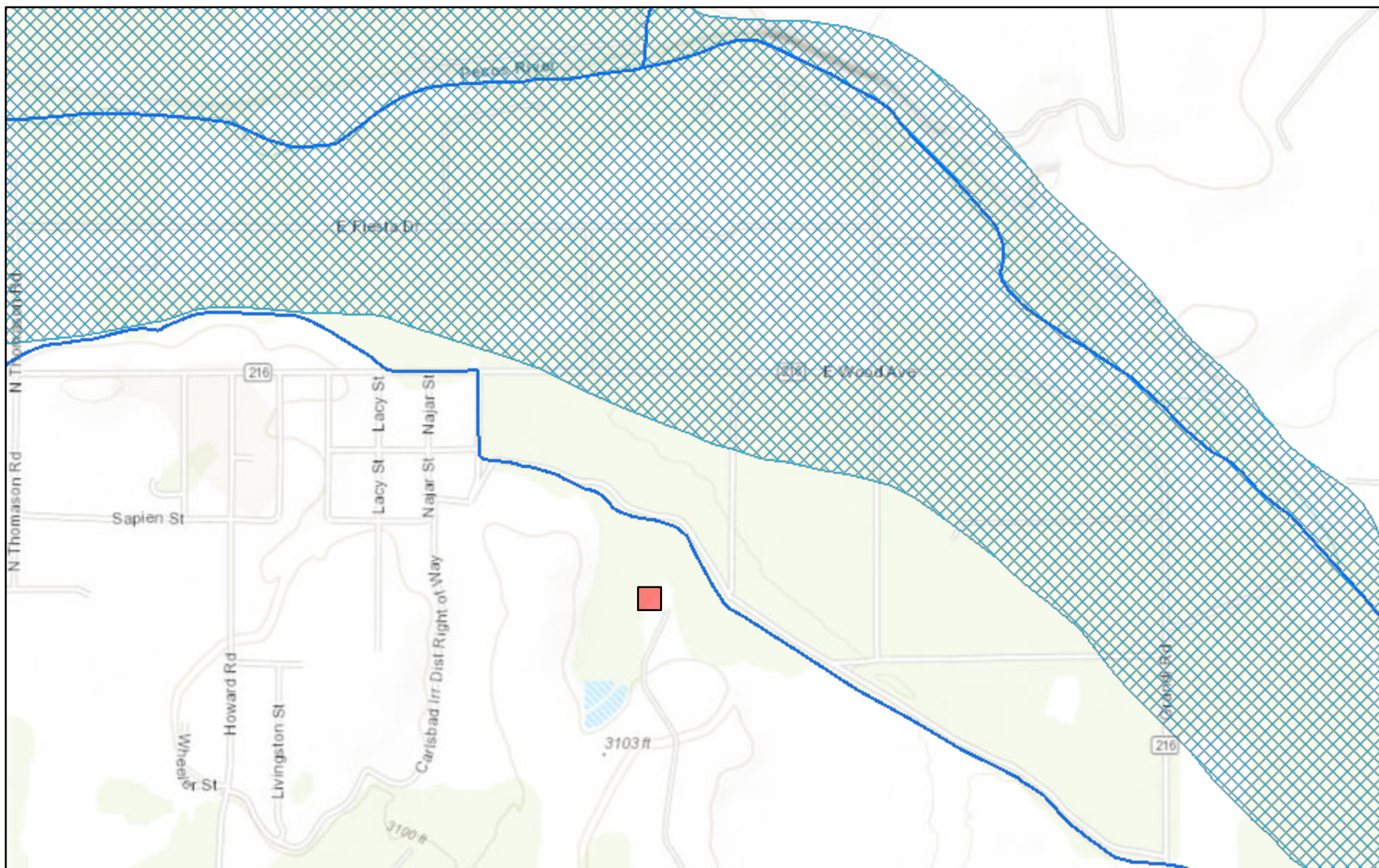
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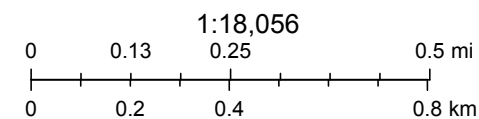


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New Mexico NFHL Data



December 20, 2022



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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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 415
Midland, Texas 79701

Generated 12/31/2022 10:38:21 AM

JOB DESCRIPTION

Forni #003 (7.17.2008)
SDG NUMBER Eddy Co, NM

JOB NUMBER

880-23045-1


Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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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12/31/2022 10:38:21 AM

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

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Laboratory Job ID: 880-23045-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Job ID: 880-23045-1

Laboratory: Eurofins Midland

Narrative	
	Job Narrative 880-23045-1

Receipt

The samples were received on 12/22/2022 1:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

Receipt Exceptions

The following samples analyzed for method <TPH 8015> were received and analyzed from an unpreserved bulk soil jar.

GC VOA

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

GC Semi VOA

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-42709 and analytical batch 880-42810 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-23045-1

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 13:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 13:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 13:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/29/22 12:52	12/30/22 13:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 13:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/29/22 12:52	12/30/22 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/29/22 12:52	12/30/22 13:48	1
1,4-Difluorobenzene (Surr)	110		70 - 130	12/29/22 12:52	12/30/22 13:48	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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		12/30/22 08:22	12/30/22 14:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		12/30/22 08:22	12/30/22 14:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	12/30/22 08:22	12/30/22 14:09	1
o-Terphenyl	86		70 - 130	12/30/22 08:22	12/30/22 14:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/30/22 04:56	1

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

Lab Sample ID: 880-23045-2

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 14:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 14:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 14:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/29/22 12:52	12/30/22 14:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 14:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/29/22 12:52	12/30/22 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	12/29/22 12:52	12/30/22 14:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/29/22 12:52	12/30/22 14:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-23045-2

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 15:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 15:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				12/30/22 08:22	12/30/22 15:13	1
o-Terphenyl	105		70 - 130				12/30/22 08:22	12/30/22 15:13	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.44		4.98		mg/Kg			12/30/22 05:10	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-23045-3

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 14:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/29/22 12:52	12/30/22 14:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/29/22 12:52	12/30/22 14:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/29/22 12:52	12/30/22 14:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/29/22 12:52	12/30/22 14:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/29/22 12:52	12/30/22 14:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/29/22 12:52	12/30/22 14:29	1
1,4-Difluorobenzene (Surr)	112		70 - 130				12/29/22 12:52	12/30/22 14:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 15:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 15:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (2')

Lab Sample ID: 880-23045-3

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/30/22 08:22	12/30/22 15:35	1
o-Terphenyl	96		70 - 130				12/30/22 08:22	12/30/22 15:35	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			12/30/22 05:15	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-23045-4

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 14:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 14:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 14:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 14:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 14:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/29/22 12:52	12/30/22 14:49	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/29/22 12:52	12/30/22 14:49	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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/31/22 11:21	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		12/30/22 08:22	12/30/22 16:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/30/22 08:22	12/30/22 16:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/30/22 08:22	12/30/22 16:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				12/30/22 08:22	12/30/22 16:49	1
o-Terphenyl	100		70 - 130				12/30/22 08:22	12/30/22 16:49	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.99		5.00		mg/Kg			12/30/22 05:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-23045-5

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 15:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 15:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 15:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 15:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 15:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/29/22 12:52	12/30/22 15:10	1
1,4-Difluorobenzene (Surr)	112		70 - 130	12/29/22 12:52	12/30/22 15:10	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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 17:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 17:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	12/30/22 08:22	12/30/22 17:11	1
o-Terphenyl	89		70 - 130	12/30/22 08:22	12/30/22 17:11	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			12/30/22 05:24	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-23045-6

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 15:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 15:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 15:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/29/22 12:52	12/30/22 15:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 15:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/29/22 12:52	12/30/22 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	12/29/22 12:52	12/30/22 15:30	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/29/22 12:52	12/30/22 15:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (2')

Lab Sample ID: 880-23045-6

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 17:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 17:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/30/22 08:22	12/30/22 17:33	1
o-Terphenyl	87		70 - 130				12/30/22 08:22	12/30/22 17:33	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			12/30/22 05:29	1

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-23045-7

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 15:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 15:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 15:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/29/22 12:52	12/30/22 15:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 15:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/29/22 12:52	12/30/22 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				12/29/22 12:52	12/30/22 15:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/29/22 12:52	12/30/22 15:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 17:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-23045-7

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/30/22 08:22	12/30/22 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				12/30/22 08:22	12/30/22 17:56	1
o-Terphenyl	108		70 - 130				12/30/22 08:22	12/30/22 17:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.74		4.97		mg/Kg			12/30/22 05:34	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-23045-8

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0214		0.00202		mg/Kg		12/29/22 12:52	12/30/22 16:11	1
Toluene	0.0593		0.00202		mg/Kg		12/29/22 12:52	12/30/22 16:11	1
Ethylbenzene	0.0910		0.00202		mg/Kg		12/29/22 12:52	12/30/22 16:11	1
m-Xylene & p-Xylene	0.0312		0.00404		mg/Kg		12/29/22 12:52	12/30/22 16:11	1
o-Xylene	0.0773		0.00202		mg/Kg		12/29/22 12:52	12/30/22 16:11	1
Xylenes, Total	0.109		0.00404		mg/Kg		12/29/22 12:52	12/30/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				12/29/22 12:52	12/30/22 16:11	1
1,4-Difluorobenzene (Surr)	214	S1+	70 - 130				12/29/22 12:52	12/30/22 16:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.280		0.00404		mg/Kg			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 18:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 18:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				12/30/22 08:22	12/30/22 18:18	1
o-Terphenyl	98		70 - 130				12/30/22 08:22	12/30/22 18:18	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			12/30/22 05:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (2')

Lab Sample ID: 880-23045-9

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 17:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 17:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 17:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/29/22 12:52	12/30/22 17:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 17:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/29/22 12:52	12/30/22 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/29/22 12:52	12/30/22 17:14	1
1,4-Difluorobenzene (Surr)	110		70 - 130	12/29/22 12:52	12/30/22 17:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 18:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 18:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	12/30/22 08:22	12/30/22 18:41	1
o-Terphenyl	94		70 - 130	12/30/22 08:22	12/30/22 18:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			12/30/22 03:43	1

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-23045-10

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 17:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 17:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 17:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 17:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 17:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/29/22 12:52	12/30/22 17:34	1
1,4-Difluorobenzene (Surr)	109		70 - 130	12/29/22 12:52	12/30/22 17:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-23045-10

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 19:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 19:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				12/30/22 08:22	12/30/22 19:04	1
o-Terphenyl	94		70 - 130				12/30/22 08:22	12/30/22 19:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			12/30/22 04:09	1

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-23045-11

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 19:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 19:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 19:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/29/22 12:52	12/30/22 19:24	1
1,4-Difluorobenzene (Surr)	110		70 - 130				12/29/22 12:52	12/30/22 19:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 19:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 19:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-23045-11

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/30/22 08:22	12/30/22 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/30/22 08:22	12/30/22 19:50	1
o-Terphenyl	88		70 - 130				12/30/22 08:22	12/30/22 19:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.5		5.00		mg/Kg			12/30/22 04:18	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-23045-12

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 19:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 19:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 19:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/29/22 12:52	12/30/22 19:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 19:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/29/22 12:52	12/30/22 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/29/22 12:52	12/30/22 19:45	1
1,4-Difluorobenzene (Surr)	113		70 - 130				12/29/22 12:52	12/30/22 19:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 20:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 20:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				12/30/22 08:22	12/30/22 20:14	1
o-Terphenyl	92		70 - 130				12/30/22 08:22	12/30/22 20:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			12/30/22 04:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (3')

Lab Sample ID: 880-23045-13

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 20:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 20:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 20:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/29/22 12:52	12/30/22 20:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 20:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/29/22 12:52	12/30/22 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	12/29/22 12:52	12/30/22 20:05	1
1,4-Difluorobenzene (Surr)	108		70 - 130	12/29/22 12:52	12/30/22 20:05	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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 20:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 20:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	12/30/22 08:22	12/30/22 20:37	1
o-Terphenyl	88		70 - 130	12/30/22 08:22	12/30/22 20:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			12/30/22 04:36	1

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-23045-14

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 20:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 20:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 20:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 20:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 20:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/29/22 12:52	12/30/22 20:26	1
1,4-Difluorobenzene (Surr)	106		70 - 130	12/29/22 12:52	12/30/22 20:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-23045-14

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 21:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 21:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/30/22 08:22	12/30/22 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				12/30/22 08:22	12/30/22 21:00	1
o-Terphenyl	92		70 - 130				12/30/22 08:22	12/30/22 21:00	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			12/30/22 05:02	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-23045-15

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 20:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 20:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 20:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 20:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/22 12:52	12/30/22 20:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/22 12:52	12/30/22 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				12/29/22 12:52	12/30/22 20:47	1
1,4-Difluorobenzene (Surr)	111		70 - 130				12/29/22 12:52	12/30/22 20:47	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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 21:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 21:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-23045-15

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/30/22 08:22	12/30/22 21:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				12/30/22 08:22	12/30/22 21:24	1
o-Terphenyl	90		70 - 130				12/30/22 08:22	12/30/22 21:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			12/30/22 05:11	1

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-23045-16

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 21:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 21:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 21:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/29/22 12:52	12/30/22 21:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/29/22 12:52	12/30/22 21:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/29/22 12:52	12/30/22 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/29/22 12:52	12/30/22 21:07	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/29/22 12:52	12/30/22 21:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/31/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 21:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 21:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				12/30/22 08:22	12/30/22 21:48	1
o-Terphenyl	63	S1-	70 - 130				12/30/22 08:22	12/30/22 21:48	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		4.95		mg/Kg			12/30/22 05:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (2')

Lab Sample ID: 880-23045-17

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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		12/29/22 12:52	12/30/22 21:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/29/22 12:52	12/30/22 21:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/29/22 12:52	12/30/22 21:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/29/22 12:52	12/30/22 21:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/29/22 12:52	12/30/22 21:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/29/22 12:52	12/30/22 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	12/29/22 12:52	12/30/22 21:28	1
1,4-Difluorobenzene (Surr)	109		70 - 130	12/29/22 12:52	12/30/22 21:28	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			12/31/22 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 22:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 22:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	12/29/22 08:29	12/29/22 22:27	1
o-Terphenyl	108		70 - 130	12/29/22 08:29	12/29/22 22:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			12/30/22 05:28	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-23045-1	S-1 (0-1')	102	110				
880-23045-1 MS	S-1 (0-1')	103	114				
880-23045-1 MSD	S-1 (0-1')	102	106				
880-23045-2	S-1 (1'.5)	103	101				
880-23045-3	S-1 (2')	107	112				
880-23045-4	S-2 (0-1')	110	106				
880-23045-5	S-2 (1.5')	106	112				
880-23045-6	S-2 (2')	107	111				
880-23045-7	S-3 (0-1')	109	100				
880-23045-8	S-3 (1.5')	152 S1+	214 S1+				
880-23045-9	S-3 (2')	106	110				
880-23045-10	S-4 (0-1')	105	109				
880-23045-11	S-4 (1.5')	99	110				
880-23045-12	S-4 (2')	106	113				
880-23045-13	S-4 (3')	110	108				
880-23045-14	S-5 (0-1')	95	106				
880-23045-15	S-6 (0-1')	102	111				
880-23045-16	S-6 (1.5')	99	101				
880-23045-17	S-6 (2')	101	109				
LCS 880-42891/1-A	Lab Control Sample	90	117				
LCSD 880-42891/2-A	Lab Control Sample Dup	96	108				
MB 880-42891/5-A	Method Blank	95	107				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-23043-A-1-F MS	Matrix Spike	60 S1-	53 S1-				
880-23043-A-1-G MSD	Matrix Spike Duplicate	62 S1-	46 S1-				
880-23045-1	S-1 (0-1')	90	86				
880-23045-1 MS	S-1 (0-1')	116	90				
880-23045-1 MSD	S-1 (0-1')	111	88				
880-23045-2	S-1 (1'.5)	126	105				
880-23045-3	S-1 (2')	105	96				
880-23045-4	S-2 (0-1')	114	100				
880-23045-5	S-2 (1.5')	98	89				
880-23045-6	S-2 (2')	96	87				
880-23045-7	S-3 (0-1')	124	108				
880-23045-8	S-3 (1.5')	111	98				
880-23045-9	S-3 (2')	103	94				
880-23045-10	S-4 (0-1')	104	94				
880-23045-11	S-4 (1.5')	100	88				
880-23045-12	S-4 (2')	110	92				
880-23045-13	S-4 (3')	105	88				

Surrogate Summary

Client: Carmona Resources

Job ID: 880-23045-1

Project/Site: Forni #003 (7.17.2008)

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-23045-14	S-5 (0-1')	113	92
880-23045-15	S-6 (0-1')	111	90
880-23045-16	S-6 (1.5')	80	63 S1-
880-23045-17	S-6 (2')	110	108
LCS 880-42834/2-A	Lab Control Sample	102	115
LCS 880-42927/2-A	Lab Control Sample	113	123
LCSD 880-42834/3-A	Lab Control Sample Dup	110	122
LCSD 880-42927/3-A	Lab Control Sample Dup	118	132 S1+
MB 880-42834/1-A	Method Blank	113	113
MB 880-42927/1-A	Method Blank	125	124
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-42891/5-A

Matrix: Solid

Analysis Batch: 42933

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 13:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 13:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 13:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/29/22 12:52	12/30/22 13:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/22 12:52	12/30/22 13:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/29/22 12:52	12/30/22 13:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/29/22 12:52	12/30/22 13:19	1
1,4-Difluorobenzene (Surr)	107		70 - 130	12/29/22 12:52	12/30/22 13:19	1

Lab Sample ID: LCS 880-42891/1-A

Matrix: Solid

Analysis Batch: 42933

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09445		mg/Kg		94	70 - 130
Toluene	0.100	0.09113		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09919		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1808		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08671		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: LCSD 880-42891/2-A

Matrix: Solid

Analysis Batch: 42933

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42891

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	6	35
Toluene	0.100	0.09360		mg/Kg		94	70 - 130	3	35
Ethylbenzene	0.100	0.09019		mg/Kg		90	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1861		mg/Kg		93	70 - 130	3	35
o-Xylene	0.100	0.08872		mg/Kg		89	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-23045-1 MS

Matrix: Solid

Analysis Batch: 42933

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

Prep Type: Total/NA

Prep Batch: 42891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.1006		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.101	0.08516		mg/Kg		84	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-23045-1 MS

Matrix: Solid

Analysis Batch: 42933

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

Prep Type: Total/NA

Prep Batch: 42891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.101	0.08012		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.202	0.1624		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U	0.101	0.08017		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-23045-1 MSD

Matrix: Solid

Analysis Batch: 42933

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

Prep Type: Total/NA

Prep Batch: 42891

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.08888		mg/Kg		89	70 - 130	12	35
Toluene	<0.00200	U	0.0996	0.08088		mg/Kg		81	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.0996	0.08095		mg/Kg		81	70 - 130	1	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1662		mg/Kg		83	70 - 130	2	35
o-Xylene	<0.00200	U	0.0996	0.08137		mg/Kg		82	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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

Lab Sample ID: MB 880-42834/1-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	12/29/22 08:29	12/29/22 13:34	1
o-Terphenyl	113		70 - 130	12/29/22 08:29	12/29/22 13:34	1

Lab Sample ID: LCS 880-42834/2-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	918.0		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-42834/2-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42834

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

Lab Sample ID: LCSD 880-42834/3-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	824.8		mg/Kg		82	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1088		mg/Kg		109	70 - 130	8	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	122		70 - 130

Lab Sample ID: 880-23043-A-1-F MS

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 42834

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	898.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1122		mg/Kg		112	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	60	S1-	70 - 130
o-Terphenyl	53	S1-	70 - 130

Lab Sample ID: 880-23043-A-1-G MSD

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 42834

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1005		mg/Kg		96	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	946.9		mg/Kg		95	70 - 130	17	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	62	S1-	70 - 130
o-Terphenyl	46	S1-	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-42927/1-A

Matrix: Solid

Analysis Batch: 42935

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42927

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 13:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 13:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/30/22 08:22	12/30/22 13:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				12/30/22 08:22	12/30/22 13:03	1
o-Terphenyl	124		70 - 130				12/30/22 08:22	12/30/22 13:03	1

Lab Sample ID: LCS 880-42927/2-A

Matrix: Solid

Analysis Batch: 42935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42927

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	866.9		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1094		mg/Kg		109	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	113		70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-42927/3-A

Matrix: Solid

Analysis Batch: 42935

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42927

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	896.1		mg/Kg		90	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1201		mg/Kg		120	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	118		70 - 130						
o-Terphenyl	132	S1+	70 - 130						

Lab Sample ID: 880-23045-1 MS

Matrix: Solid

Analysis Batch: 42935

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

Prep Type: Total/NA

Prep Batch: 42927

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	1192		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1339	F1	mg/Kg		132	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-23045-1 MS

Matrix: Solid

Analysis Batch: 42935

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

Prep Type: Total/NA

Prep Batch: 42927

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-23045-1 MSD

Matrix: Solid

Analysis Batch: 42935

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

Prep Type: Total/NA

Prep Batch: 42927

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	1415	F1	mg/Kg		138	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1291		mg/Kg		128	70 - 130	4	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	88		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-42710/1-A

Matrix: Solid

Analysis Batch: 42808

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			12/30/22 03:17	1	

Lab Sample ID: LCS 880-42710/2-A

Matrix: Solid

Analysis Batch: 42808

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	251.8		mg/Kg		101	90 - 110			

Lab Sample ID: LCSD 880-42710/3-A

Matrix: Solid

Analysis Batch: 42808

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	252.4		mg/Kg		101	90 - 110	0	20	

Lab Sample ID: 880-23045-9 MS

Matrix: Solid

Analysis Batch: 42808

Client Sample ID: S-3 (2')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	<5.01	U	251	258.9		mg/Kg		103	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-23045-9 MSD

Matrix: Solid

Analysis Batch: 42808

Client Sample ID: S-3 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.01	U	251	253.5		mg/Kg		101	90 - 110	2	20

Lab Sample ID: MB 880-42709/1-A

Matrix: Solid

Analysis Batch: 42810

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			12/30/22 03:17	1

Lab Sample ID: LCS 880-42709/2-A

Matrix: Solid

Analysis Batch: 42810

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-42709/3-A

Matrix: Solid

Analysis Batch: 42810

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	252.2		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-23043-A-1-B MS

Matrix: Solid

Analysis Batch: 42810

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.2	F1 F2	252	213.5	F1	mg/Kg		79	90 - 110

Lab Sample ID: 880-23043-A-1-C MSD

Matrix: Solid

Analysis Batch: 42810

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.2	F1 F2	252	271.8	F2	mg/Kg		102	90 - 110	24	20

QC Association Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 42891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-1	S-1 (0-1')	Total/NA	Solid	5035	
880-23045-2	S-1 (1'.5)	Total/NA	Solid	5035	
880-23045-3	S-1 (2')	Total/NA	Solid	5035	
880-23045-4	S-2 (0-1')	Total/NA	Solid	5035	
880-23045-5	S-2 (1.5')	Total/NA	Solid	5035	
880-23045-6	S-2 (2')	Total/NA	Solid	5035	
880-23045-7	S-3 (0-1')	Total/NA	Solid	5035	
880-23045-8	S-3 (1.5')	Total/NA	Solid	5035	
880-23045-9	S-3 (2')	Total/NA	Solid	5035	
880-23045-10	S-4 (0-1')	Total/NA	Solid	5035	
880-23045-11	S-4 (1.5')	Total/NA	Solid	5035	
880-23045-12	S-4 (2')	Total/NA	Solid	5035	
880-23045-13	S-4 (3')	Total/NA	Solid	5035	
880-23045-14	S-5 (0-1')	Total/NA	Solid	5035	
880-23045-15	S-6 (0-1')	Total/NA	Solid	5035	
880-23045-16	S-6 (1.5')	Total/NA	Solid	5035	
880-23045-17	S-6 (2')	Total/NA	Solid	5035	
MB 880-42891/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-42891/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-42891/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-23045-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-23045-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 42933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-1	S-1 (0-1')	Total/NA	Solid	8021B	42891
880-23045-2	S-1 (1'.5)	Total/NA	Solid	8021B	42891
880-23045-3	S-1 (2')	Total/NA	Solid	8021B	42891
880-23045-4	S-2 (0-1')	Total/NA	Solid	8021B	42891
880-23045-5	S-2 (1.5')	Total/NA	Solid	8021B	42891
880-23045-6	S-2 (2')	Total/NA	Solid	8021B	42891
880-23045-7	S-3 (0-1')	Total/NA	Solid	8021B	42891
880-23045-8	S-3 (1.5')	Total/NA	Solid	8021B	42891
880-23045-9	S-3 (2')	Total/NA	Solid	8021B	42891
880-23045-10	S-4 (0-1')	Total/NA	Solid	8021B	42891
880-23045-11	S-4 (1.5')	Total/NA	Solid	8021B	42891
880-23045-12	S-4 (2')	Total/NA	Solid	8021B	42891
880-23045-13	S-4 (3')	Total/NA	Solid	8021B	42891
880-23045-14	S-5 (0-1')	Total/NA	Solid	8021B	42891
880-23045-15	S-6 (0-1')	Total/NA	Solid	8021B	42891
880-23045-16	S-6 (1.5')	Total/NA	Solid	8021B	42891
880-23045-17	S-6 (2')	Total/NA	Solid	8021B	42891
MB 880-42891/5-A	Method Blank	Total/NA	Solid	8021B	42891
LCS 880-42891/1-A	Lab Control Sample	Total/NA	Solid	8021B	42891
LCSD 880-42891/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	42891
880-23045-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	42891
880-23045-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	42891

Analysis Batch: 43008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 43008 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-2	S-1 (1'.5)	Total/NA	Solid	Total BTEX	
880-23045-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-23045-4	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-23045-5	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-23045-6	S-2 (2')	Total/NA	Solid	Total BTEX	
880-23045-7	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-23045-8	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-23045-9	S-3 (2')	Total/NA	Solid	Total BTEX	
880-23045-10	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-23045-11	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-23045-12	S-4 (2')	Total/NA	Solid	Total BTEX	
880-23045-13	S-4 (3')	Total/NA	Solid	Total BTEX	
880-23045-14	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-23045-15	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-23045-16	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-23045-17	S-6 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 42834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-17	S-6 (2')	Total/NA	Solid	8015NM Prep	
MB 880-42834/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-42834/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-42834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23043-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-23043-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 42861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-17	S-6 (2')	Total/NA	Solid	8015B NM	42834
MB 880-42834/1-A	Method Blank	Total/NA	Solid	8015B NM	42834
LCS 880-42834/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	42834
LCSD 880-42834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	42834
880-23043-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	42834
880-23043-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	42834

Prep Batch: 42927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-23045-2	S-1 (1'.5)	Total/NA	Solid	8015NM Prep	
880-23045-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-23045-4	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-23045-5	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-23045-6	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-23045-7	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-23045-8	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-23045-9	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-23045-10	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-23045-11	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-23045-12	S-4 (2')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 42927 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-13	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-23045-14	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-23045-15	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-23045-16	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-42927/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-42927/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-42927/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23045-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-23045-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 42935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-1	S-1 (0-1')	Total/NA	Solid	8015B NM	42927
880-23045-2	S-1 (1'.5)	Total/NA	Solid	8015B NM	42927
880-23045-3	S-1 (2')	Total/NA	Solid	8015B NM	42927
880-23045-4	S-2 (0-1')	Total/NA	Solid	8015B NM	42927
880-23045-5	S-2 (1.5')	Total/NA	Solid	8015B NM	42927
880-23045-6	S-2 (2')	Total/NA	Solid	8015B NM	42927
880-23045-7	S-3 (0-1')	Total/NA	Solid	8015B NM	42927
880-23045-8	S-3 (1.5')	Total/NA	Solid	8015B NM	42927
880-23045-9	S-3 (2')	Total/NA	Solid	8015B NM	42927
880-23045-10	S-4 (0-1')	Total/NA	Solid	8015B NM	42927
880-23045-11	S-4 (1.5')	Total/NA	Solid	8015B NM	42927
880-23045-12	S-4 (2')	Total/NA	Solid	8015B NM	42927
880-23045-13	S-4 (3')	Total/NA	Solid	8015B NM	42927
880-23045-14	S-5 (0-1')	Total/NA	Solid	8015B NM	42927
880-23045-15	S-6 (0-1')	Total/NA	Solid	8015B NM	42927
880-23045-16	S-6 (1.5')	Total/NA	Solid	8015B NM	42927
MB 880-42927/1-A	Method Blank	Total/NA	Solid	8015B NM	42927
LCS 880-42927/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	42927
LCSD 880-42927/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	42927
880-23045-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	42927
880-23045-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	42927

Analysis Batch: 42957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-23045-2	S-1 (1'.5)	Total/NA	Solid	8015 NM	
880-23045-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-23045-4	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-23045-5	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-23045-6	S-2 (2')	Total/NA	Solid	8015 NM	
880-23045-7	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-23045-8	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-23045-9	S-3 (2')	Total/NA	Solid	8015 NM	
880-23045-10	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-23045-11	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-23045-12	S-4 (2')	Total/NA	Solid	8015 NM	
880-23045-13	S-4 (3')	Total/NA	Solid	8015 NM	
880-23045-14	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-23045-15	S-6 (0-1')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 42957 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-16	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-23045-17	S-6 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 42709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-23045-2	S-1 (1'.5)	Soluble	Solid	DI Leach	
880-23045-3	S-1 (2')	Soluble	Solid	DI Leach	
880-23045-4	S-2 (0-1')	Soluble	Solid	DI Leach	
880-23045-5	S-2 (1.5')	Soluble	Solid	DI Leach	
880-23045-6	S-2 (2')	Soluble	Solid	DI Leach	
880-23045-7	S-3 (0-1')	Soluble	Solid	DI Leach	
880-23045-8	S-3 (1.5')	Soluble	Solid	DI Leach	
MB 880-42709/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-42709/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-42709/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23043-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-23043-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 42710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-9	S-3 (2')	Soluble	Solid	DI Leach	
880-23045-10	S-4 (0-1')	Soluble	Solid	DI Leach	
880-23045-11	S-4 (1.5')	Soluble	Solid	DI Leach	
880-23045-12	S-4 (2')	Soluble	Solid	DI Leach	
880-23045-13	S-4 (3')	Soluble	Solid	DI Leach	
880-23045-14	S-5 (0-1')	Soluble	Solid	DI Leach	
880-23045-15	S-6 (0-1')	Soluble	Solid	DI Leach	
880-23045-16	S-6 (1.5')	Soluble	Solid	DI Leach	
880-23045-17	S-6 (2')	Soluble	Solid	DI Leach	
MB 880-42710/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-42710/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-42710/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23045-9 MS	S-3 (2')	Soluble	Solid	DI Leach	
880-23045-9 MSD	S-3 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 42808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-9	S-3 (2')	Soluble	Solid	300.0	42710
880-23045-10	S-4 (0-1')	Soluble	Solid	300.0	42710
880-23045-11	S-4 (1.5')	Soluble	Solid	300.0	42710
880-23045-12	S-4 (2')	Soluble	Solid	300.0	42710
880-23045-13	S-4 (3')	Soluble	Solid	300.0	42710
880-23045-14	S-5 (0-1')	Soluble	Solid	300.0	42710
880-23045-15	S-6 (0-1')	Soluble	Solid	300.0	42710
880-23045-16	S-6 (1.5')	Soluble	Solid	300.0	42710
880-23045-17	S-6 (2')	Soluble	Solid	300.0	42710
MB 880-42710/1-A	Method Blank	Soluble	Solid	300.0	42710
LCS 880-42710/2-A	Lab Control Sample	Soluble	Solid	300.0	42710

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QC Association Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 42808 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-42710/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	42710
880-23045-9 MS	S-3 (2')	Soluble	Solid	300.0	42710
880-23045-9 MSD	S-3 (2')	Soluble	Solid	300.0	42710

Analysis Batch: 42810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23045-1	S-1 (0-1')	Soluble	Solid	300.0	42709
880-23045-2	S-1 (1'.5)	Soluble	Solid	300.0	42709
880-23045-3	S-1 (2')	Soluble	Solid	300.0	42709
880-23045-4	S-2 (0-1')	Soluble	Solid	300.0	42709
880-23045-5	S-2 (1.5')	Soluble	Solid	300.0	42709
880-23045-6	S-2 (2')	Soluble	Solid	300.0	42709
880-23045-7	S-3 (0-1')	Soluble	Solid	300.0	42709
880-23045-8	S-3 (1.5')	Soluble	Solid	300.0	42709
MB 880-42709/1-A	Method Blank	Soluble	Solid	300.0	42709
LCS 880-42709/2-A	Lab Control Sample	Soluble	Solid	300.0	42709
LCSD 880-42709/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	42709
880-23043-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	42709
880-23043-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	42709

Lab Chronicle

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-1')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 13:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 14:09	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 04:56	CH	EET MID

Client Sample ID: S-1 (1'.5)
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 14:08	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 15:13	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 05:10	CH	EET MID

Client Sample ID: S-1 (2')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 14:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 15:35	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 05:15	CH	EET MID

Client Sample ID: S-2 (0-1')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 14:49	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (0-1')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 16:49	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 05:20	CH	EET MID

Client Sample ID: S-2 (1.5')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 15:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 17:11	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 05:24	CH	EET MID

Client Sample ID: S-2 (2')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 15:30	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 17:33	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 05:29	CH	EET MID

Client Sample ID: S-3 (0-1')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 15:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 17:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-23045-7

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 05:34	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-23045-8

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 16:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 18:18	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 05:38	CH	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-23045-9

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 17:14	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 18:41	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 03:43	CH	EET MID

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-23045-10

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 17:34	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 19:04	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 04:09	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 19:24	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 19:50	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 04:18	CH	EET MID

Client Sample ID: S-4 (2')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 19:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 20:14	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 04:27	CH	EET MID

Client Sample ID: S-4 (3')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 20:05	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 20:37	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 04:36	CH	EET MID

Client Sample ID: S-5 (0-1')
Date Collected: 12/21/22 00:00
Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 20:26	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-23045-14

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 21:00	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 05:02	CH	EET MID

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-23045-15

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 20:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 21:24	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 05:11	CH	EET MID

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-23045-16

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 21:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/31/22 11:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42927	12/30/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42935	12/30/22 21:48	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 05:19	CH	EET MID

Client Sample ID: S-6 (2')

Lab Sample ID: 880-23045-17

Date Collected: 12/21/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42891	12/29/22 12:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42933	12/30/22 21:28	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43008	12/31/22 10:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42957	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 22:27	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (2')

Date Collected: 12/21/22 00:00

Date Received: 12/22/22 13:34

Lab Sample ID: 880-23045-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 05:28	CH	EET MID

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

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- 2
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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23
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

Method Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

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	MCAWW	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
- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Forni #003 (7.17.2008)

Job ID: 880-23045-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-23045-1	S-1 (0-1')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-2	S-1 (1'.5)	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-3	S-1 (2')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-4	S-2 (0-1')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-5	S-2 (1.5')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-6	S-2 (2')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-7	S-3 (0-1')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-8	S-3 (1.5')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-9	S-3 (2')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-10	S-4 (0-1')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-11	S-4 (1.5')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-12	S-4 (2')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-13	S-4 (3')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-14	S-5 (0-1')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-15	S-6 (0-1')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-16	S-6 (1.5')	Solid	12/21/22 00:00	12/22/22 13:34
880-23045-17	S-6 (2')	Solid	12/21/22 00:00	12/22/22 13:34

- 1
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- 14

Work Order No: 23645

Page 1 of 2

Project Manager	Ashton Thielke	Bill to (if different)	Laci Luig
Company Name	Carmona Resources	Company Name	Cimarex Energy
Address	310 West Wall Ste 415	Address	600 N Mainfield St, Suite 600
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79701
Phone	432-813-5347	Email	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRP <input type="checkbox"/> Level IV
Deliverables EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name	Form #003 (7 17 2008)	Turn Around		ANALYSIS REQUEST	Preservative Codes	
Project Number	1196	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		None NO	DI Water H ₂ O
Project Location	Eddy Co. NM	Due Date			Cool Cool	MeOH Me
Sampler's Name	MM	TAT starts the day received by the lab if received by 4:30pm			HCL HC	HNO ₃ HN
PO #					H ₂ SO ₄ H ₂	
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		Correction Factor		
Cooler Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading				
Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature				
Total Containers						
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont
S-1 (0-1')	12/21/2022		X		Grab/	1
S-1 (1 5')	12/21/2022		X		Grab/	1
S-1 (2')	12/21/2022		X		Grab/	1
S-2 (0-1')	12/21/2022		X		Grab/	1
S-2 (1 5')	12/21/2022		X		Grab/	1
S-2 (2')	12/21/2022		X		Grab/	1
S-3 (0-1')	12/21/2022		X		Grab/	1
S-3 (1 5')	12/21/2022		X		Grab/	1
S-3 (2')	12/21/2022		X		Grab/	1
S-4 (0-1')	12/21/2022		X		Grab/	1

Parameters

BTEX 8021B

TPH 8015M (GRO + DRO + MRO)

Chloride 300 0

HOLD

NaHSO₄ NABIS

Na₂S₂O₃ NaSO₃


Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC


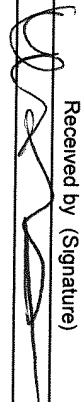
Sample Comments

462

880-23045 Chain of Custody



Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		12/22/24			

Project Manager	Ashton Thielke	Bill to (if different)	Laci Lug
Company Name	Carmona Resources	Company Name	Cimarex Energy
Address	370 West Wall Ste 415	Address	600 N Mainfield St Suite 600
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79701
Phone	432-813-5347	Email	laci.lug@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: USTR/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 II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other	

Work Order No: 23645

[illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Please send results to cmoehring@carmonresources.com and mcarmona@carmonresources.com					
Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12/27 1:34	2		
			4		
			6		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-23045-1

SDG Number: Eddy Co, NM

Login Number: 23045

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	



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

June 07, 2023

MICHAEL COLLIER

H & R ENTERPRISES

1010 GAMBLIN ROAD

HOBBS, NM 88240

RE: FORNI #3

Enclosed are the results of analyses for samples received by the laboratory on 06/02/23 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	06/02/2023	Sampling Date:	06/01/2023
Reported:	06/07/2023	Sampling Type:	Soil
Project Name:	FORNI #3	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - EDDY COUNTY, NM		

Sample ID: BH - 2 0-1' (H232813-01)

BTX 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	06/05/2023	ND	1.90	94.8	2.00	4.10	
Toluene*	<0.050	0.050	06/05/2023	ND	1.98	98.9	2.00	2.24	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	1.88	93.8	2.00	3.25	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	5.83	97.2	6.00	2.66	
Total BTX	<0.300	0.300	06/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	368	16.0	06/05/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 2' (H232813-02)

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	06/05/2023	ND	1.90	94.8	2.00	4.10		
Toluene*	<0.050	0.050	06/05/2023	ND	1.98	98.9	2.00	2.24		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	1.88	93.8	2.00	3.25		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	5.83	97.2	6.00	2.66		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	1140	16.0	06/05/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 3' (H232813-03)

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	06/05/2023	ND	1.90	94.8	2.00	4.10	
Toluene*	<0.050	0.050	06/05/2023	ND	1.98	98.9	2.00	2.24	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	1.88	93.8	2.00	3.25	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	5.83	97.2	6.00	2.66	
Total BTEX	<0.300	0.300	06/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	528	16.0	06/05/2023	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 4' (H232813-04)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEx	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	400	16.0	06/05/2023	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 5' (H232813-05)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	336	16.0	06/05/2023	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 6' (H232813-06)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	288	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 62.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.1 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 7' (H232813-07)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	208	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 8' (H232813-08)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEx	<0.300	0.300	06/05/2023	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	144	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 66.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.9 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 9' (H232813-09)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 69.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 2 10' (H232813-10)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 57.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 0-1' (H232813-11)

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	06/05/2023	ND	1.91	95.6	2.00	3.37	
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79	
Total BTEx	<0.300	0.300	06/05/2023	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	48.0	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.1 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 2' (H232813-12)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	64.0	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 3' (H232813-13)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEx	<0.300	0.300	06/05/2023	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	16.0	16.0	06/05/2023	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 4' (H232813-14)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 5' (H232813-15)

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	06/05/2023	ND	1.91	95.6	2.00	3.37	
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79	
Total BTEX	<0.300	0.300	06/05/2023	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	48.0	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 6' (H232813-16)

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	06/05/2023	ND	1.91	95.6	2.00	3.37	
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79	
Total BTEX	<0.300	0.300	06/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 7' (H232813-17)

BTX 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	06/05/2023	ND	1.91	95.6	2.00	3.37	
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79	
Total BTX	<0.300	0.300	06/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 8' (H232813-18)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	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	32.0	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 9' (H232813-19)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	64.0	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 67.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.8 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 3 10' (H232813-20)

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	06/05/2023	ND	1.91	95.6	2.00	3.37	
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79	
Total BTEX	<0.300	0.300	06/05/2023	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	48.0	16.0	06/05/2023	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 0-1' (H232813-21)

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	06/05/2023	ND	1.91	95.6	2.00	3.37	
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79	
Total BTEx	<0.300	0.300	06/05/2023	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	320	16.0	06/05/2023	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 2' (H232813-22)

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	06/05/2023	ND	1.91	95.6	2.00	3.37	
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44	
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79	
Total BTEX	<0.300	0.300	06/05/2023	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	656	16.0	06/05/2023	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 3' (H232813-23)

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	06/05/2023	ND	1.91	95.6	2.00	3.37		
Toluene*	<0.050	0.050	06/05/2023	ND	1.91	95.4	2.00	2.84		
Ethylbenzene*	<0.050	0.050	06/05/2023	ND	2.00	100	2.00	3.44		
Total Xylenes*	<0.150	0.150	06/05/2023	ND	6.04	101	6.00	4.79		
Total BTEX	<0.300	0.300	06/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	800	16.0	06/05/2023	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 4' (H232813-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	816	16.0	06/05/2023	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 5' (H232813-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	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	928	16.0	06/05/2023	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 6' (H232813-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEx	<0.300	0.300	06/06/2023	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	928	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 7' (H232813-27)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	1020	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 8' (H232813-28)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	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	1040	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 9' (H232813-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90		
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15		
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00		
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01		
Total BTEX	<0.300	0.300	06/06/2023	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	48.0	16.0	06/05/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 4 10' (H232813-30)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTX	<0.300	0.300	06/06/2023	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	64.0	16.0	06/05/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 0-1' (H232813-31)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	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	48.0	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 2' (H232813-32)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	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	48.0	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 3' (H232813-33)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	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	80.0	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	168	84.0	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	167	83.7	200	6.60	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 4' (H232813-34)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90		
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15		
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00		
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01		
Total BTEX	<0.300	0.300	06/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	06/05/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	171	85.4	200	1.11	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	163	81.3	200	0.582	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 5' (H232813-35)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	64.0	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	171	85.4	200	1.11	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	163	81.3	200	0.582	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 6' (H232813-36)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	48.0	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	171	85.4	200	1.11	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	163	81.3	200	0.582	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 7' (H232813-37)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90		
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15		
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00		
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01		
Total BTEX	<0.300	0.300	06/06/2023	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	64.0	16.0	06/05/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	171	85.4	200	1.11	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	163	81.3	200	0.582	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 8' (H232813-38)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	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	64.0	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	171	85.4	200	1.11	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	163	81.3	200	0.582	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 9' (H232813-39)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	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	48.0	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	171	85.4	200	1.11	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	163	81.3	200	0.582	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 06/02/2023
 Reported: 06/07/2023
 Project Name: FORNI #3
 Project Number: NOT GIVEN
 Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 06/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 5 10' (H232813-40)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2023	ND	2.09	105	2.00	5.90	
Toluene*	<0.050	0.050	06/06/2023	ND	2.06	103	2.00	8.15	
Ethylbenzene*	<0.050	0.050	06/06/2023	ND	2.00	99.9	2.00	9.00	
Total Xylenes*	<0.150	0.150	06/06/2023	ND	6.04	101	6.00	9.01	
Total BTEX	<0.300	0.300	06/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	48.0	16.0	06/05/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	171	85.4	200	1.11	
DRO >C10-C28*	<10.0	10.0	06/05/2023	ND	163	81.3	200	0.582	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- 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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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

Company Name: H&R Enterprises

Project Manager: Michael Collier

Address:

City: State: Zip:

Phone #: Fax #:

Project #:

Project Name: Forni #3 (form)

Project Location: Eddy County

Sampler Name: R Bell

Lab I.D.

ANALYSIS REQUEST

P.O. #:

Company: Cimarex

Attn: Laci Luig

Address:

City: State: Zip:

Phone #:

Fax #:

PRESERV. SAMPLING

DATE

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Chlorides



ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: H&R Enterprises

101 East Marland, Hobbs, NM 88240

(575) 393-2328 FAX (575) 393-2476

Project Manager: Michael Collier

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Owner:

Project Name: Form #3 (form)

Project Location: Eddy County

Sampler Name: R Bell

FOR LAB USE ONLY

Lab I.D.

BILL TO

P.O. #:

Company: Cimarex

Attn: Laci Lulig

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX										DATE	TIME	BTEX	TPH	Chlorides
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	PRESERV.					
H332813		1															
21 BH-4	0-1'																
22 BH-4	2'																
23 BH-4	3'																
24 BH-4	4'																
25 BH-4	5'																
26 BH-4	6'																
27 BH-4	7'																
28 BH-4	8'																
29 BH-4	9'																
30 BH-4	10'																

Relinquished By: [Signature]

Date: 2-2-23

Received By: [Signature]

Date: 6/1/23

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

Remarks: PS 3044

Delivered By: (Circle One)

Corrected Temp. °C

Sample Condition

Checked By: (Initials)

Turnaround Time:

Thermometer ID #113

Correction Factor -0.5°C

Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celej.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

Page 45 of 46

Released to Imaging: 1/2/2025 9:43:22 AM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: H&R Enterprises Project Manager: Michael Collier Address: City: State: Zip: Phone #: Fax #: Project #: Project Name: Forni #3 (Forn) Project Location: Eddy County Sampler Name: R Bell				P.O. #: Company: Cimarex Attn: Laci Ludwig Address: City: State: Zip: Phone #: Fax #:				BILL TO				ANALYSIS REQUEST			
Lab I.D.		FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING							
				(G)RAB OR (C)OMP. # CONTAINERS											
				GROUNDWATER											
				WASTEWATER											
				SOIL											
				OIL											
				SLUDGE											
				OTHER :											
				ACID/BASE:											
				ICE / COOL											
				OTHER :											
				DATE											
				TIME											
				BTEX											
				TPH											
				Chlorides											

Relinquished By:		Date: 12-23		Received By:		Date: 6/1/23	
Relinquished By:		Date:		Received By:		Date:	

Delivered By: (Circle One) Simpler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C		Sample Condition Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials)	

REMARKS:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
All Results are emailed. Please provide Email address.					



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

December 03, 2024

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: FORNI #3

Enclosed are the results of analyses for samples received by the laboratory on 11/25/24 15:00.

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
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/25/2024	Sampling Date:	11/25/2024
Reported:	12/03/2024	Sampling Type:	Soil
Project Name:	FORNI #3	Sampling Condition:	Cool & Intact
Project Number:	1196	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX -EDDY CO., NEW MEXICO		

Sample ID: CS - 1 (8.5') (H247221-01)

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	11/28/2024	ND	2.11	105	2.00	2.26	
Toluene*	<0.050	0.050	11/28/2024	ND	2.17	108	2.00	1.97	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.34	106	6.00	1.55	
Total BTEX	<0.300	0.300	11/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/27/2024	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	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

Cardinal Laboratories

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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
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (8.5') (H247221-02)

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	11/28/2024	ND	2.11	105	2.00	2.26		
Toluene*	<0.050	0.050	11/28/2024	ND	2.17	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.14	107	2.00	2.01		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.34	106	6.00	1.55		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	11/27/2024	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	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (8.5') (H247221-03)

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	11/28/2024	ND	2.11	105	2.00	2.26		
Toluene*	<0.050	0.050	11/28/2024	ND	2.17	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.14	107	2.00	2.01		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.34	106	6.00	1.55		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	11/27/2024	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	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (8.5') (H247221-04)

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	11/28/2024	ND	2.11	105	2.00	2.26		
Toluene*	<0.050	0.050	11/28/2024	ND	2.17	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.14	107	2.00	2.01		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.34	106	6.00	1.55		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	11/27/2024	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	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (8.5') (H247221-05)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	256	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 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
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (8.5') (H247221-06)

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	11/28/2024	ND	2.14	107	2.00	1.44	
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13	
Total BTEX	<0.300	0.300	11/28/2024	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	400	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (8.5') (H247221-07)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	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	48.0	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (8.5') (H247221-08)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	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	464	16.0	11/27/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (8.5') (H247221-09)

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	11/28/2024	ND	2.14	107	2.00	1.44	
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13	
Total BTEX	<0.300	0.300	11/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/27/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (8.5') (H247221-10)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	48.0	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (8.5') (H247221-11)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	48.0	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (8.5') (H247221-12)

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	11/28/2024	ND	2.14	107	2.00	1.44	
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13	
Total BTEX	<0.300	0.300	11/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	384	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	195	97.3	200	3.11	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	198	98.9	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (8.5') (H247221-13)

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	11/28/2024	ND	2.14	107	2.00	1.44	
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13	
Total BTEX	<0.300	0.300	11/28/2024	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	192	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (8.5') (H247221-14)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	208	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (8.5') (H247221-15)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	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	352	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (8.5') (H247221-16)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (8.5') (H247221-17)

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	11/28/2024	ND	2.14	107	2.00	1.44	
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13	
Total BTEX	<0.300	0.300	11/28/2024	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	448	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 (2.5') (H247221-18)

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	11/28/2024	ND	2.14	107	2.00	1.44	
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13	
Total BTEX	<0.300	0.300	11/28/2024	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	400	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (2.5') (H247221-19)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	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	464	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (2.5') (H247221-20)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	368	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (8.5') (H247221-21)

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	11/28/2024	ND	2.14	107	2.00	1.44	
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13	
Total BTEX	<0.300	0.300	11/28/2024	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	208	16.0	11/27/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (8.5') (H247221-22)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	224	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 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
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (8.5') (H247221-23)

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	11/28/2024	ND	2.14	107	2.00	1.44	
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13	
Total BTEX	<0.300	0.300	11/28/2024	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	192	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (8.5') (H247221-24)

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	11/28/2024	ND	2.14	107	2.00	1.44		
Toluene*	<0.050	0.050	11/28/2024	ND	2.20	110	2.00	0.980		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.17	109	2.00	0.984		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.45	108	6.00	1.13		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	208	16.0	11/27/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (2.5') (H247221-25)

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	11/28/2024	ND	2.27	113	2.00	6.17	
Toluene*	<0.050	0.050	11/28/2024	ND	2.18	109	2.00	9.55	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.29	114	2.00	12.8	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.80	113	6.00	13.4	
Total BTEX	<0.300	0.300	11/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	11/27/2024	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	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (2.5') (H247221-26)

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	11/28/2024	ND	2.27	113	2.00	6.17		
Toluene*	<0.050	0.050	11/28/2024	ND	2.18	109	2.00	9.55		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.29	114	2.00	12.8		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.80	113	6.00	13.4		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	11/27/2024	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	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (2.5') (H247221-27)

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	11/28/2024	ND	2.27	113	2.00	6.17		
Toluene*	<0.050	0.050	11/28/2024	ND	2.18	109	2.00	9.55		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.29	114	2.00	12.8		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.80	113	6.00	13.4		
Total BTEX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	11/27/2024	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	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (2.5') (H247221-28)

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	11/28/2024	ND	2.27	113	2.00	6.17	
Toluene*	<0.050	0.050	11/28/2024	ND	2.18	109	2.00	9.55	
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.29	114	2.00	12.8	
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.80	113	6.00	13.4	
Total BTEX	<0.300	0.300	11/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	11/27/2024	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	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- 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: H24722

Page 1 of 1

Project Manager:	Ashton Thielke	Bill To: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	6001 Deauville Blvd, Suite 300N
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-8988	Email:	laci.luig@coterra.com ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <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:	Form #3	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	1196	Due Date:			Normal													None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co. NM																	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"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP			
Received & Inact:	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"/>	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-1 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-2 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-3 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-4 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-5 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-6 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-7 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-8 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-9 (8.5')		11.25.2024		X		Comp	1	X	X	X											
CS-10 (8.5')		11.25.2024		X		Comp	1	X	X	X											

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Work Order No: 424722

Work Order Comments									
Program:	UST/ST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> perfund	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deliverables:	EDD	<input type="checkbox"/>	Adapt	<input type="checkbox"/>	Other:				

Comments:

Released to Imaging: 1/2/2025 9:43:22 AM

Chain of Custody

Work Order No.:

424720

Page 33 of 33

[illegible]

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time



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

December 03, 2024

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: FORNI #3

Enclosed are the results of analyses for samples received by the laboratory on 11/25/24 15:00.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/25/2024
 Reported: 12/03/2024
 Project Name: FORNI #3
 Project Number: 1196
 Project Location: CIMAREX -EDDY CO., NEW MEXICO

Sampling Date: 11/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALTERSCHIDE PIT (H247222-01)

BTX 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	11/28/2024	ND	2.27	113	2.00	6.17		
Toluene*	<0.050	0.050	11/28/2024	ND	2.18	109	2.00	9.55		
Ethylbenzene*	<0.050	0.050	11/28/2024	ND	2.29	114	2.00	12.8		
Total Xylenes*	<0.150	0.150	11/28/2024	ND	6.80	113	6.00	13.4		
Total BTX	<0.300	0.300	11/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/27/2024	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	11/27/2024	ND	203	102	200	1.55	
DRO >C10-C28*	<10.0	10.0	11/27/2024	ND	184	92.2	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	11/27/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Work Order No.:

Hz+7225

Page 1 of 1

Work Order Comments									
Program:	UST/PT	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> Iperfund	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deliverables:	EDD	<input type="checkbox"/>	Adapt	<input type="checkbox"/>	Other:				

ANALYSIS REQUEST										Preservative Codes		
Pres. Code												
	BTEX 8021B										None; NO	DI Water; H ₂ O
	8015M (GRO + DRO + MRO)										Cool; Cool	MeOH; Me
	Chloride 4500										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	
											NH ₄ Acetate; A-34; CMO	

[illegible]

Date/Time

Released to Imaging: 1/2/2025 9:43:22 AM

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

QUESTIONS

Action 415986

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nSEB0821837299
Incident Name	NSEB0821837299 FORNI #003 @ 30-015-33250
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-33250] FORNI #003

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FORNI #003
Date Release Discovered	07/17/2008
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Vandalism Truck Produced Water Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 415986

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	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)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 12/31/2024
--	---

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QUESTIONS, Page 3

Action 415986

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	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)	Less than or equal 25 (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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
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 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	1140
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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	11/21/2024
On what date will (or did) the final sampling or liner inspection occur	11/25/2024
On what date will (or was) the remediation complete(d)	11/25/2024
What is the estimated surface area (in square feet) that will be reclaimed	60000
What is the estimated volume (in cubic yards) that will be reclaimed	1150
What is the estimated surface area (in square feet) that will be remediated	3765
What is the estimated volume (in cubic yards) that will be remediated	1150

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 415986

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [FEEM0112342028]
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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 12/31/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 415986

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 415986

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	404363
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/21/2024
What was the (estimated) number of samples that were to be gathered	25
What was the sampling surface area in square feet	5000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3765
What was the total volume (cubic yards) remediated	1150
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	60000
What was the total volume (in cubic yards) reclaimed	1150
Summarize any additional remediation activities not included by answers (above)	Dug and hauled all contamination to the disposal, Backfilled with clean material from the landowner (after it was lab tested). All composite confirmation samples were acceptable for 19.15.29.12/13 standards.

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: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 12/31/2024
--	---

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QUESTIONS, Page 7

Action 415986

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	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	60000
What was the total volume of replacement material (in cubic yards) for this site	1150
<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)	12/23/2024
Summarize any additional reclamation activities not included by answers (above)	Site was backfilled with topsoil material found on the land owners property less than 0.5 miles away. Site was reseeded with landowner approved seed mix, BLM #3.
<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: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 12/31/2024

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QUESTIONS, Page 8

Action 415986

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	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 415986

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415986
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	1/2/2025