



SITE INFORMATION

Closure Report
Lotus ALT State #5 Flowline
Lea County, New Mexico
Unit D Sec 32 T22S R32E
Incident #: NAPP2217928680
32.352674°, -103.704856°

Produced Water Release
Point of Release: Poly line along lease road
Release Date: 05/08/2022
Volume Released: 15 barrels of Produced Water
Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



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

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



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July 8, 2022

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

**Re: Closure Report
Lotus ALT State #5 Flowline
EOG Resources, Inc
Site Location: Unit D, S32, T22S, R32E
(Lat 32.352674°, Long -103.704856°)
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Lotus ALT State #5 Flowline. The site is located at 32.352674, -103.704856 within Unit D, S32, T22S, R32E, and in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 8, 2022, caused by a hole developed in a polyline along the lease road. It resulted in releasing approximately fifteen (15) barrels of produced water. No fluids were recovered. The impacted area measured is shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 2.45 miles Southeast of the site in S03, T23S, R32E and was drilled in 2013. The well has a reported depth to groundwater of 486.60' feet below ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On June 08, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) soil sample points (S-1 through S-6) and ten (10) horizontal points (H-1 through H-10) were installed to total depths ranging from surface to 5.0 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The sample locations are shown in Figure 3.

Vertical and horizontal delineation was achieved in all samples. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite from June 27, 2022, through June 30, 2022, to supervise the remediation activities, collect confirmation samples, and oversee backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on June 27, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1 was excavated to a depth of 3.0' below the surface, the area of S-2 was excavated to a depth of 2.0' below the surface, and the areas of S-3, S-4, and S-5 were excavated to a depth of 5.0' below the surface. The area of S-6 was excavated to a depth of 4.0' below the surface to remove all the impacted soils. A total of seventeen (17) confirmation floor samples were collected (CS-1 through CS-17), and twenty-one (21) sidewall samples (SW-1 through SW-21) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. 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.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 500 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC



Mike Carmona
Environmental Manager

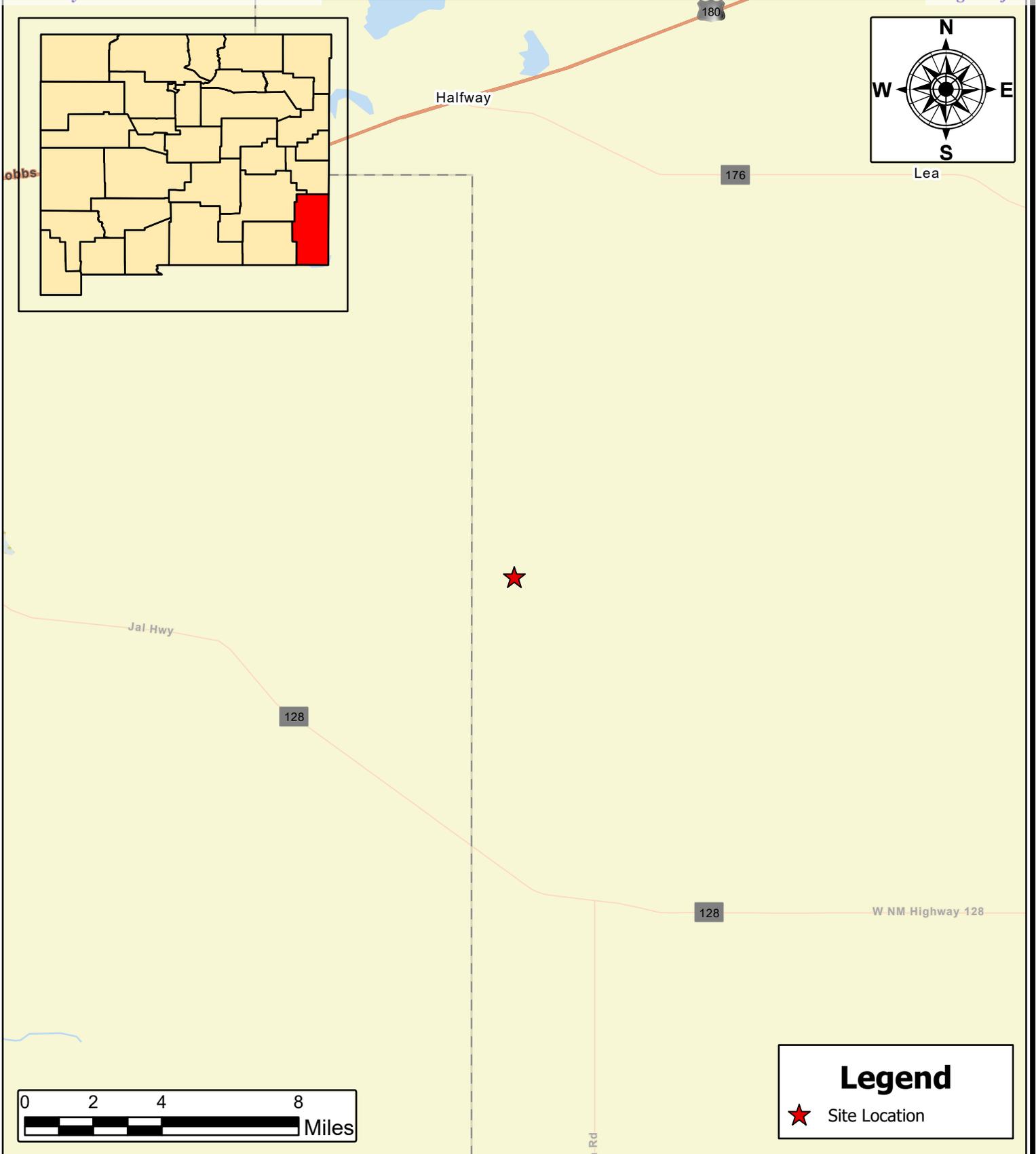


Ashton Thielke
Sr. Project Manager

FIGURES

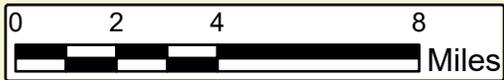
CARMONA RESOURCES





Legend

★ Site Location



**OVERVIEW MAP
EOG RESOURCES**
 LOTUS ALT STATE #5 FLOWLINE
 LEA COUNTY, NEW MEXICO
 32.352823, -103.704802

SCALE: As Shown Date: 7/7/2022

CARMONA RESOURCES

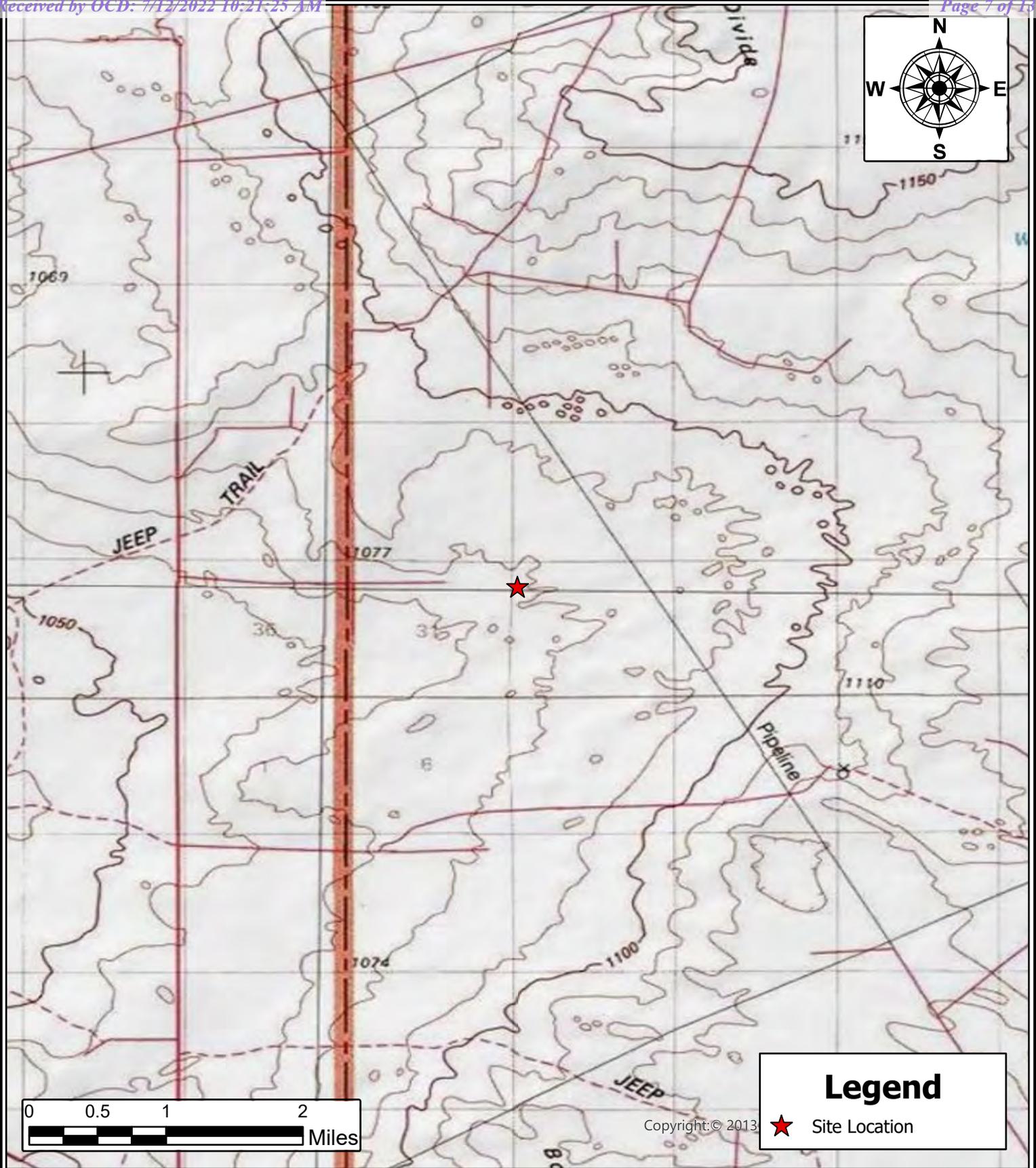
Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 1

SHEET NUMBER:
1 of 1



Legend

★ Site Location

TOPOGRAPHIC MAP
EOG RESOURCES
 LOTUS ALT STATE #5 FLOWLINE
 LEA COUNTY, NEW MEXICO
 32.352823, -103.704802

SCALE: As Shown Date: 7/7/2022

CARMONA RESOURCES 

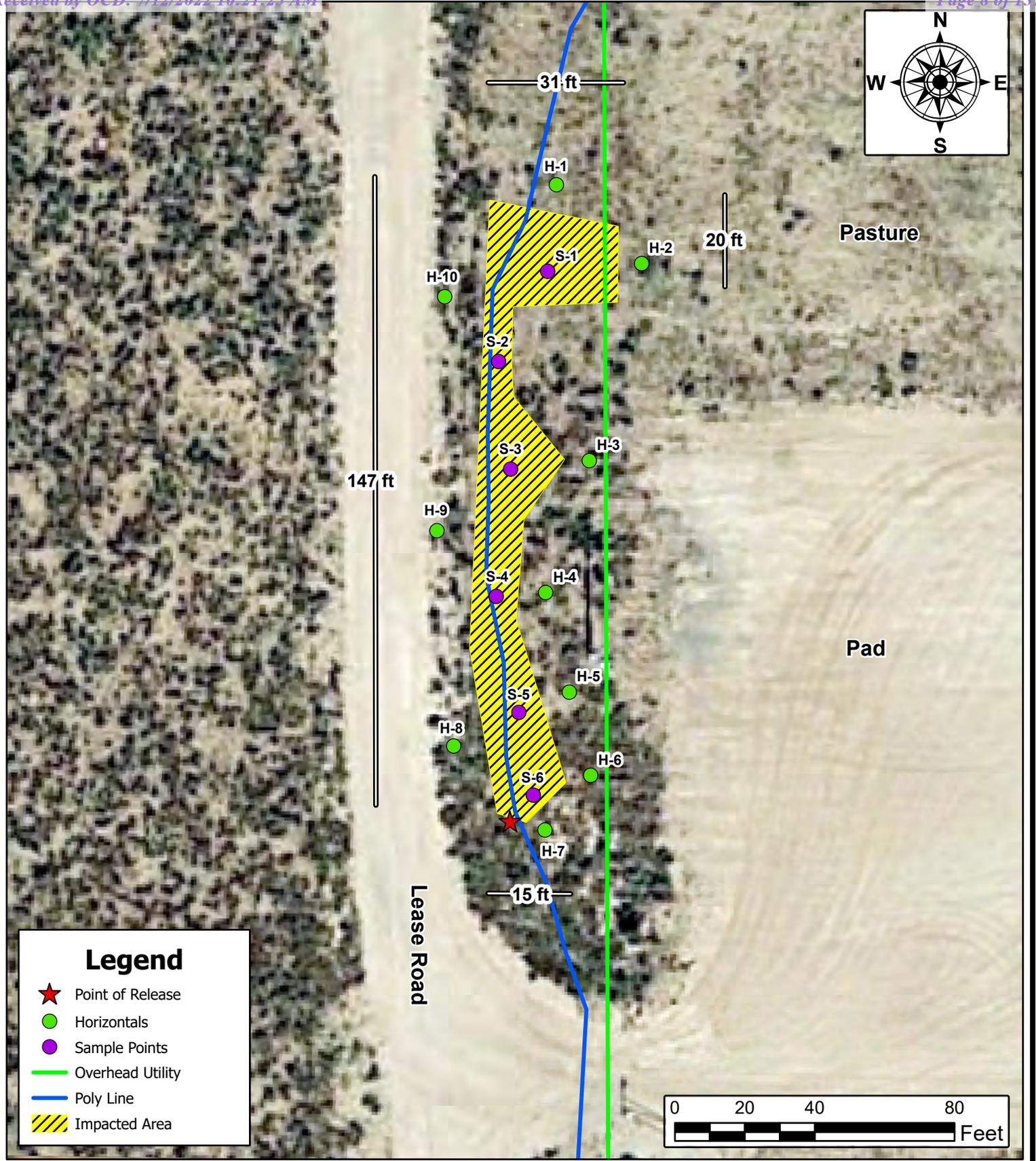
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NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 2

SHEET NUMBER:
1 of 1



Legend

- ★ Point of Release
- Horizontals
- Sample Points
- Overhead Utility
- Poly Line
- ▨ Impacted Area

SAMPLE LOCATION MAP
EOG RESOURCES
 LOTUS ALT STATE #5 FLOWLINE
 LEA COUNTY, NEW MEXICO
 32.352823, -103.704802

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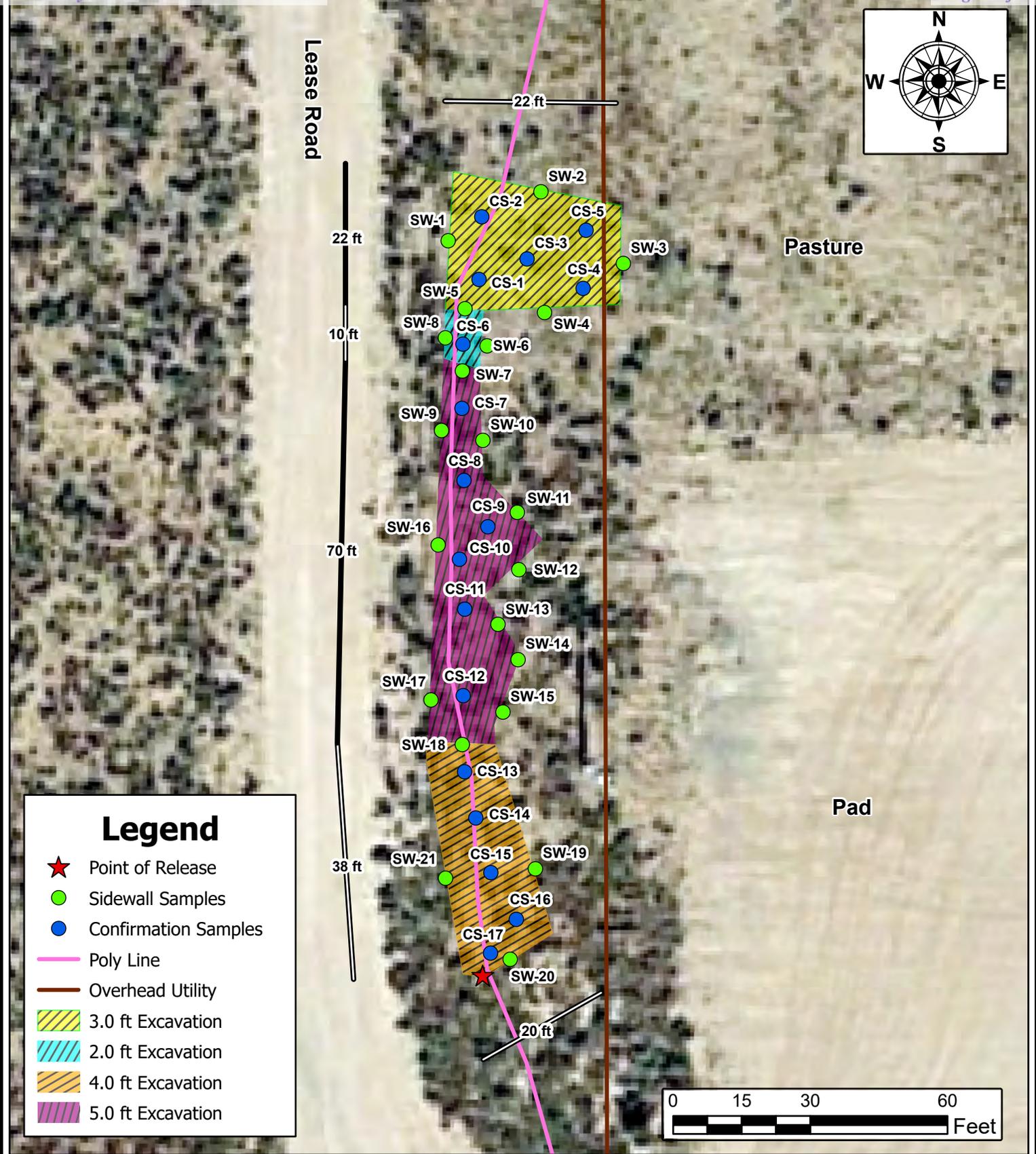
NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 3

SHEET NUMBER:
1 of 1

SCALE: As Shown Date: 7/7/2022



EXCAVATION DEPTH MAP
EOG RESOURCES
 LOTUS ALT STATE #5 FLOWLINE
 LEA COUNTY, NEW MEXICO
 32.352823, -103.704802

SCALE: As Shown Date: 7/7/2022

CARMONA RESOURCES 

Carmona Resources
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 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 4

SHEET NUMBER:
1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
EOG
Lotus ALT State #5 Flowline
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	6/8/2022	0-1	<50.0	5,140	1,860	7,000	<0.050	<0.050	<0.050	<0.150	<0.300	21,200
	"	1.5	<50.0	6,530	2,240	8,770	<0.050	<0.050	<0.050	<0.150	<0.300	34,800
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,360
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-2	6/8/2022	0-1	578	11,300	2,330	14,208	0.577	9.25	6.73	28.9	45.5	5,840
	"	1.5	966	13,800	2,680	17,446	0.614	10.9	7.90	33.7	53.1	4,640
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	46.0
S-3	6/8/2022	0-1	925	15,000	3,490	19,415	0.766	13.7	9.82	41.1	65.5	3,680
	"	1.5	1,740	16,200	3,470	21,410	0.507	12.9	9.75	41.3	64.4	4,320
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,320
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4560
	"	4	21.3	372	71.1	464	<0.050	0.069	0.145	0.799	1.01	320
"	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
S-4	6/8/2022	0-1	1,570	16,100	2,950	20,620	0.873	14.9	10.4	43.4	69.6	816
	"	1.5	994	18,000	3,770	22,764	0.449	9.05	6.78	29.4	45.7	4,400
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,040
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4800
	"	4	12.2	206	34.9	253	<0.050	<0.050	0.06	0.464	0.524	432
	"	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-5	6/8/2022	0-1	817	17,600	4,250	22,667	0.378	7.53	6.04	26.2	40.1	4,880
	"	1.5	1,100	15,200	3,450	19,750	0.463	9.83	7.80	33.6	51.7	4,640
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,880
	"	3	54	317	57.4	428	<0.050	0.06	0.118	0.705	0.883	368
	"	4	30.8	399	81.3	511	<0.050	0.328	0.424	2.29	3.04	480
	"	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-6	6/8/2022	0-1	1,330	16,000	3,040	20,370	0.585	11.6	8.30	35.3	55.7	3,760
	"	1.5	1,130	15,600	3,110	19,840	0.463	9.82	7.57	32.4	50.3	4,880
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,240
	"	3	35.8	507	95.4	638.2	<0.050	0.074	0.108	0.639	0.82	304
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-1	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-2	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-3	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-4	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-5	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-6	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-7	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-8	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-9	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-10	6/8/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons

ft-feet

(H) Horizontal

(S) Sample Point

 Removed

Table 2
EOG
Lotus ALT State #5 Flowline
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-2	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-3	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-4	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-5	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-6	6/29/2022	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-8	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-9	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-10	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-11	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-12	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-13	6/29/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	6/29/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	6/29/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-16	6/29/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-17	6/29/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
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 Samples

(SW) Sidewall

Table 2
EOG
Lotus ALT State #5 Flowline
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-2	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768
	6/30/2022	3.0-3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	6/29/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-6	6/29/2022	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	6/29/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-8	6/29/2022	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-9	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-10	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-11	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-13	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-14	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-15	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-16	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-17	6/29/2022	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-18	6/29/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-19	6/29/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-20	6/29/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-21	6/29/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<i>Regulatory Criteria</i> ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Samples

(SW) Sidewall

 Removed

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Lotus ALT State #5 Flowline

County: Lea County, New Mexico

Description:
View South of Excavation Area

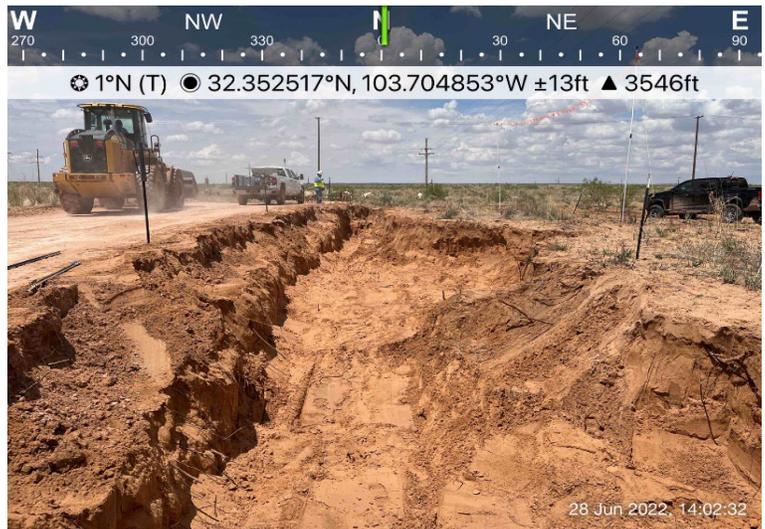


Photograph No. 2

Facility: Lotus ALT State #5 Flowline

County: Lea County, New Mexico

Description:
View North of Excavation Area



Photograph No. 3

Facility: Lotus ALT State #5 Flowline

County: Lea County, New Mexico

Description:
View South of Excavation Area



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: Lotus ALT State #5 Flowline

County: Lea County, New Mexico

Description:

View Southwest of Confirmation Samples (CS-1 through CS-6)



Photograph No. 5

Facility: Lotus ALT State #5 Flowline

County: Lea County, New Mexico

Description:

View South of Confirmation Samples (CS-1 through CS-6)



Photograph No. 6

Facility: Lotus ALT State #5 Flowline

County: Lea County, New Mexico

Description:

View North of Confirmation Samples (CS-7 through CS-17)



PHOTOGRAPHIC LOG

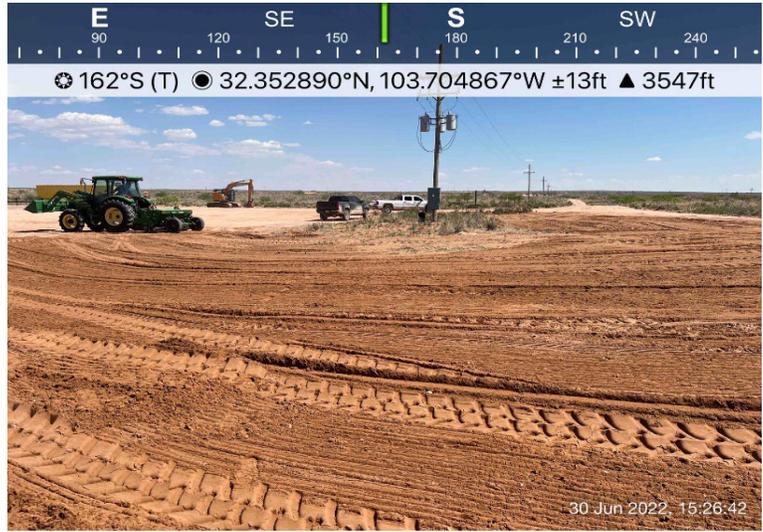
EOG Resources

Photograph No. 7

Facility: Lotus ALT State #5 Flowline

County: Lea County, New Mexico

Description:
View South of Backfilled and Reseeded Area



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2217928680
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2217928680
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.352674° Longitude -103.704856°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lotus ALT State #5 Flow Line	Site Type Flow Line
Date Release Discovered 5/8/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
D	32	22S	32E	Lea

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 15	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The poly flow line developed a hole and released produced water and oil in the field along the lease road. The initial release estimate was 3 bbls released. After conducting the soil assessment, based on the area and soil volume of impacted soil, the release volume was revised to approximately 15 bbls of produced water and crude oil released with 0 bbls recovered. Remediation activities are currently in progress.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2217928680
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>6/28/22</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>06/28/2022</u>

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

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

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

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

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

CONDITIONS

Action 121010

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 121010
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	6/28/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 07/19/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Ashton Thielke

From: Mike Carmona
Sent: Monday, June 27, 2022 6:45 AM
To: OCD.Enviro@state.nm.us
Cc: Todd Wells; Ashton Thielke
Subject: EOG Lotus ALT State #5 Flowline Sampling Notification

Good Morning,

On behalf of EOG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the at-risk remediation on 6/29/22 around 8:00 a.m. Mountain Time. Please let me know if you have any questions.

EOG Lotus ALT State #5 Flowline
Sec 32 T22S R32E Unit D
32.352674°, -103.704856°
Lea County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com

APPENDIX D

CARMONA RESOURCES



Nearest water well

EOG Resources
Lotus ATL State #5 Flowline

Legend

- 0.50 Mile Radius
- 2.45 Miles
- Lotus ALT State #5 Flowline
- USGS Water Well



486.60' - Drilled 2013

797



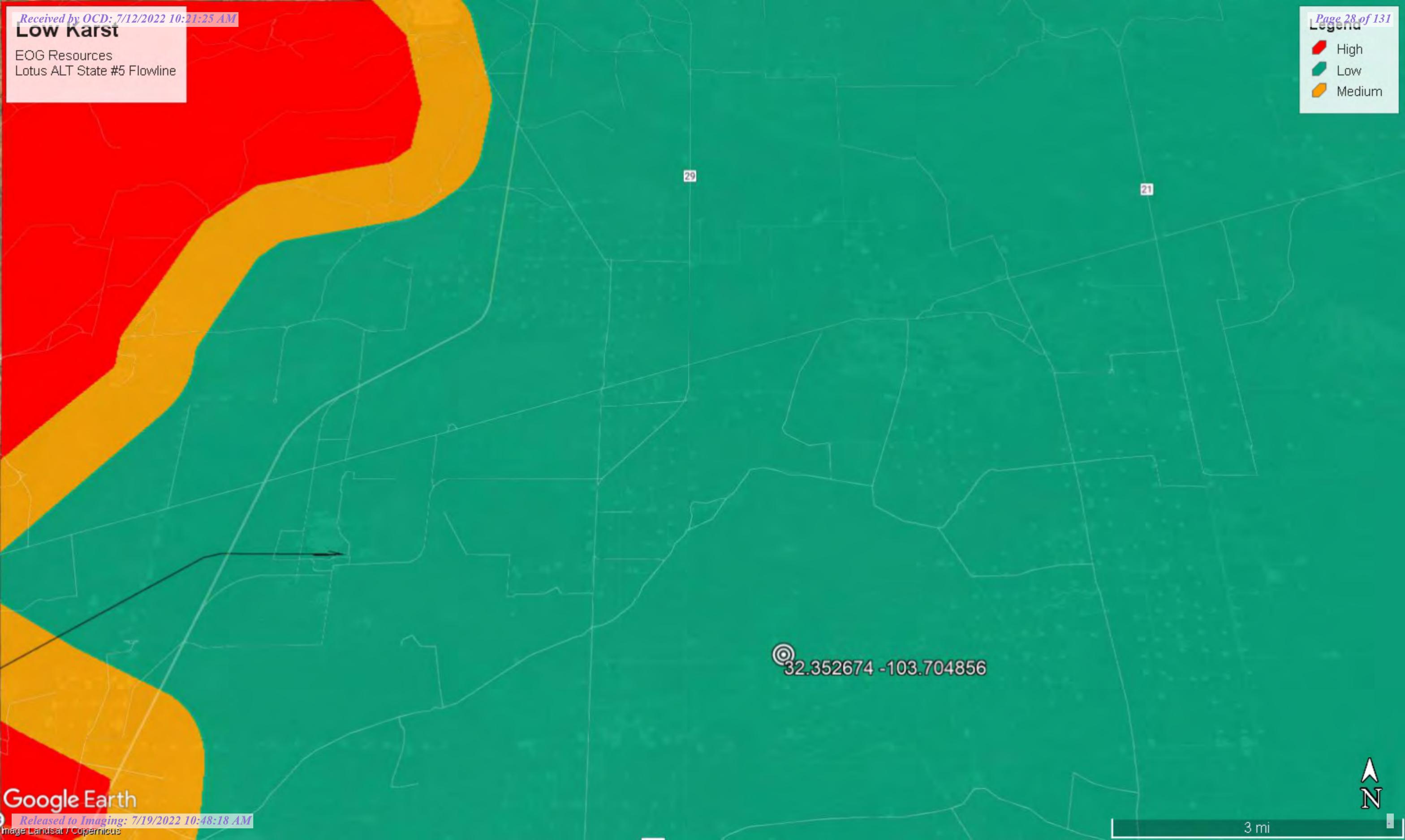
1 mi

Low Karst

EOG Resources
Lotus ALT State #5 Flowline

Legend

- High
- Low
- Medium





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04598 POD1	CUB	LE		2	3	1	29	22S	32E	622069	3581570	1317	56		
C 02939	C	LE		3	3	1	19	22S	32E	620234	3583042*	3221	280		
C 02756	CUB	ED		3	4	4	26	22S	31E	618250	3580606*	3636	1998		
C 03152	CUB	ED		3	4	4	26	22S	31E	618250	3580606*	3636	938		

Average Depth to Water: --
Minimum Depth: --
Maximum Depth: --

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 621870.48

Northing (Y): 3580267.62

Radius: 4000

*UTM location was derived from PLSS - see Help

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



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321952103400801

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

USGS 321952103400801 23S.32E.03.311114

Lea County, New Mexico
Latitude 32°19'59.2", Longitude 103°40'12.6" NAD83
Land-surface elevation 3,648.00 feet above NGVD29
The depth of the well is 630 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1976-12-09			D 62610		3227.43	NGVD29	1		Z	
1976-12-09			D 62611		3229.14	NAVD88	1		Z	
1976-12-09			D 72019	420.57			1		Z	
1981-03-26			D 62610		3209.66	NGVD29	P		Z	
1981-03-26			D 62611		3211.37	NAVD88	P		Z	
1981-03-26			D 72019	438.34			P		Z	
1981-05-21			D 62610		3210.33	NGVD29	1		Z	
1981-05-21			D 62611		3212.04	NAVD88	1		Z	
1981-05-21			D 72019	437.67			1		Z	
1986-04-17			D 62610		3209.32	NGVD29	1		Z	
1986-04-17			D 62611		3211.03	NAVD88	1		Z	
1986-04-17			D 72019	438.68			1		Z	
1991-05-30			D 62610		3210.07	NGVD29	1		Z	
1991-05-30			D 62611		3211.78	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	? Status	? Method of measurement	? Measuring agency	? Source measu
1991-05-30		D	72019	437.93			1	Z		
1992-11-05		D	62610		3209.88	NGVD29	1	S		
1992-11-05		D	62611		3211.59	NAVD88	1	S		
1992-11-05		D	72019	438.12			1	S		
1996-03-15		D	62610		3210.18	NGVD29	1	S		
1996-03-15		D	62611		3211.89	NAVD88	1	S		
1996-03-15		D	72019	437.82			1	S		
2013-01-17	01:00 UTC	m	62610		3161.40	NGVD29	P	S		USGS
2013-01-17	01:00 UTC	m	62611		3163.11	NAVD88	P	S		USGS
2013-01-17	01:00 UTC	m	72019	486.60			P	S		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	P	Pumping
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.

- [Questions about sites/data?](#)
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Title: Groundwater for New Mexico: Water Levels

URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=321952103400801&agency_cd=USGS&format=html)

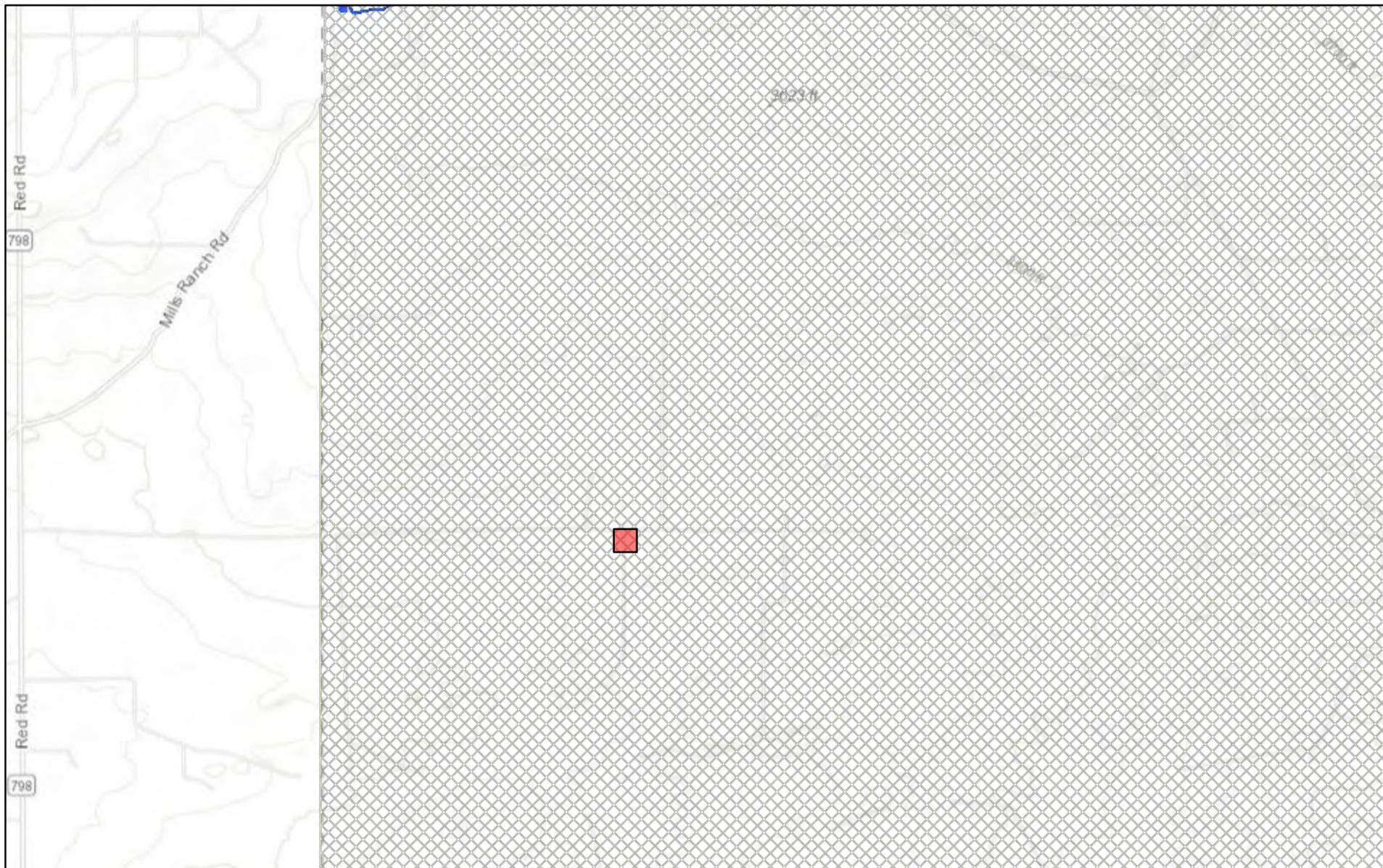


Page Contact Information: [New Mexico Water Data Maintainer](#)

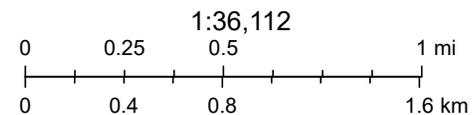
Page Last Modified: 2022-06-30 23:45:17 EDT

0.35 0.31 nadww01

New Mexico NFHL Data



June 30, 2022



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

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

APPENDIX E

CARMONA RESOURCES





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

June 13, 2022

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: LOTUS ALT STATE #5 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 06/08/22 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (0-1') (H222446-01)

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	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21200	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	06/09/2022	ND	181	90.3	200	3.11		
DRO >C10-C28*	5140	50.0	06/09/2022	ND	193	96.4	200	0.552		
EXT DRO >C28-C36	1860	50.0	06/09/2022	ND						

Surrogate: 1-Chlorooctane 75.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 515 % 59.5-142

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
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (1.5') (H222446-02)

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	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	34800	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	06/09/2022	ND	181	90.3	200	3.11		
DRO >C10-C28*	6530	50.0	06/09/2022	ND	193	96.4	200	0.552		
EXT DRO >C28-C36	2240	50.0	06/09/2022	ND						

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 640 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (2') (H222446-03)

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	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (3') (H222446-04)

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	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

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	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (0-1') (H222446-05)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.577	0.200	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	9.25	0.200	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	6.73	0.200	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	28.9	0.600	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	45.5	1.20	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 169 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	578	50.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	11300	50.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	2330	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 145 % 66.9-136

Surrogate: 1-Chlorooctadecane 216 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (1.5') (H222446-06)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.614	0.200	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	10.9	0.200	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	7.90	0.200	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	33.7	0.600	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	53.1	1.20	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 161 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	966	50.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	13800	50.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	2680	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 229 % 66.9-136

Surrogate: 1-Chlorooctadecane 234 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (2') (H222446-07)

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	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

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	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 2 (3') (H222446-08)

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	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

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	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (0-1') (H222446-09)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.766	0.200	06/10/2022	ND	2.07	104	2.00	0.664	
Toluene*	13.7	0.200	06/10/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	9.82	0.200	06/10/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	41.1	0.600	06/10/2022	ND	6.21	104	6.00	1.14	
Total BTEX	65.5	1.20	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 183 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	925	50.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	15000	50.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	3490	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 198 % 66.9-136

Surrogate: 1-Chlorooctadecane 301 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (1.5') (H222446-10)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.507	0.200	06/09/2022	ND	2.07	104	2.00	0.664	
Toluene*	12.9	0.200	06/09/2022	ND	2.06	103	2.00	0.257	
Ethylbenzene*	9.75	0.200	06/09/2022	ND	2.00	100	2.00	0.756	
Total Xylenes*	41.3	0.600	06/09/2022	ND	6.21	104	6.00	1.14	
Total BTEX	64.4	1.20	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 183 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1740	50.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	16200	50.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	3470	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 552 % 66.9-136

Surrogate: 1-Chlorooctadecane 527 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (2') (H222446-11)

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	06/10/2022	ND	2.05	102	2.00	2.96		
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13		
Total BTEX	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4320	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	214	107	200	2.27		
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	206	103	200	9.76		
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND						

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (3') (H222446-12)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	206	103	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (4') (H222446-13)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	0.069	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	0.145	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	0.799	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	1.01	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/09/2022	ND	432	108	400	3.64	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.3	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	372	10.0	06/09/2022	ND	191	95.4	200	4.57	QM-07
EXT DRO >C28-C36	71.1	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 3 (5') (H222446-14)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (0-1') (H222446-15)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.873	0.200	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	14.9	0.200	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	10.4	0.200	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	43.4	0.600	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	69.6	1.20	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 172 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1570	50.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	16100	50.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	2950	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 371 % 66.9-136

Surrogate: 1-Chlorooctadecane 373 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (1.5') (H222446-16)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.449	0.200	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	9.05	0.200	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	6.78	0.200	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	29.4	0.600	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	45.7	1.20	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 152 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	994	50.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	18000	50.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	3770	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 284 % 66.9-136

Surrogate: 1-Chlorooctadecane 801 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (2') (H222446-17)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (3') (H222446-18)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.6 % 59.5-142

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Analytical Results For:

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 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (4') (H222446-19)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	0.060	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	0.464	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	0.524	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/09/2022	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*	12.2	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	206	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	34.9	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 4 (5') (H222446-20)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (0-1') (H222446-21)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.378	0.200	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	7.53	0.200	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	6.04	0.200	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	26.2	0.600	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	40.1	1.20	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 149 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	817	50.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	17600	50.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	4250	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 306 % 66.9-136

Surrogate: 1-Chlorooctadecane 856 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (1.5') (H222446-22)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.463	0.200	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	9.83	0.200	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	7.80	0.200	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	33.6	0.600	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	51.7	1.20	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 172 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1100	50.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	15200	50.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	3450	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 358 % 66.9-136

Surrogate: 1-Chlorooctadecane 598 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (2') (H222446-23)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (3') (H222446-24)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	0.060	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	0.118	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	0.705	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	0.883	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

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	06/09/2022	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*	24.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	317	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	57.4	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (4') (H222446-25)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	0.328	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	0.424	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	2.29	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	3.04	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/09/2022	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*	30.8	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	399	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	81.3	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 5 (5') (H222446-26)

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	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

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	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.4 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 6 (0-1') (H222446-27)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.585	0.200	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	11.6	0.200	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	8.30	0.200	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	35.3	0.600	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	55.7	1.20	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 166 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1330	50.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	16000	50.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	3040	50.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 445 % 66.9-136

Surrogate: 1-Chlorooctadecane 570 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 6 (1.5') (H222446-28)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.463	0.200	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	9.82	0.200	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	7.57	0.200	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	32.4	0.600	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	50.3	1.20	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 157 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1130	50.0	06/10/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	15600	50.0	06/10/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	3110	50.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 386 % 66.9-136

Surrogate: 1-Chlorooctadecane 672 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 6 (2') (H222446-29)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	<0.050	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.1 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 6 (3') (H222446-30)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2022	ND	2.05	102	2.00	2.96	
Toluene*	0.074	0.050	06/10/2022	ND	2.00	100	2.00	3.83	
Ethylbenzene*	0.108	0.050	06/10/2022	ND	1.96	97.8	2.00	2.88	
Total Xylenes*	0.639	0.150	06/10/2022	ND	6.12	102	6.00	2.13	
Total BTEX	0.820	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/09/2022	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*	35.8	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	507	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	95.4	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 6 (4') (H222446-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: S - 6 (5') (H222446-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/09/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	186	92.8	200	4.45	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	191	95.4	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.4 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 1 (0-0.5') (H222446-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.9 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 2 (0-0.5') (H222446-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.5 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 3 (0-0.5') (H222446-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 4 (0-0.5') (H222446-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 5 (0-0.5') (H222446-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					

Surrogate: 1-Chlorooctane 76.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 6 (0-0.5') (H222446-38)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82		
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61		
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1		
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7		
Total BTEX	<0.300	0.300	06/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	06/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	179	89.6	200	6.28		
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	184	92.0	200	7.53		
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND						

Surrogate: 1-Chlorooctane 74.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 7 (0-0.5') (H222446-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 73.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 8 (0-0.5') (H222446-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 9 (0-0.5') (H222446-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/13/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	** (See Notes)
Project Number:	1068	Sample Received By:	Celey D. Keene
Project Location:	EOG - LEA CO NM		

Sample ID: H - 10 (0-0.5') (H222446-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	1.85	92.4	2.00	9.82	
Toluene*	<0.050	0.050	06/09/2022	ND	1.98	99.2	2.00	7.61	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.84	92.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.43	90.6	6.00	11.7	
Total BTEX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	179	89.6	200	6.28	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	184	92.0	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

June 30, 2022

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: LOTUS ALT STATE #5 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 06/29/22 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 1 (3') (H222771-01)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 43-149

Surrogate: 1-Chlorooctadecane 94.5 % 42.5-161

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* = Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 2 (3') (H222771-02)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/29/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 118 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 3 (3') (H222771-03)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 79.9 % 43-149

Surrogate: 1-Chlorooctadecane 91.8 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 4 (3') (H222771-04)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 87.6 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 5 (3') (H222771-05)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 72.3 % 43-149

Surrogate: 1-Chlorooctadecane 83.0 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 6 (2') (H222771-06)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/29/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 43-149

Surrogate: 1-Chlorooctadecane 98.8 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 7 (5') (H222771-07)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 74.5 % 43-149

Surrogate: 1-Chlorooctadecane 87.1 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 8 (5') (H222771-08)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 75.5 % 43-149

Surrogate: 1-Chlorooctadecane 89.6 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 9 (5') (H222771-09)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 74.5 % 43-149

Surrogate: 1-Chlorooctadecane 87.3 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 10 (5') (H222771-10)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/29/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 74.8 % 43-149

Surrogate: 1-Chlorooctadecane 85.8 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 11 (5') (H222771-11)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 78.0 % 43-149

Surrogate: 1-Chlorooctadecane 93.1 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 12 (5') (H222771-12)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 76.7 % 43-149

Surrogate: 1-Chlorooctadecane 89.8 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 13 (4') (H222771-13)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 43-149

Surrogate: 1-Chlorooctadecane 91.9 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 14 (4') (H222771-14)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 43-149

Surrogate: 1-Chlorooctadecane 93.0 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 15 (4') (H222771-15)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	06/29/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 81.7 % 43-149

Surrogate: 1-Chlorooctadecane 99.0 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 16 (4') (H222771-16)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 77.3 % 43-149

Surrogate: 1-Chlorooctadecane 95.1 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 17 (4') (H222771-17)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 43-149

Surrogate: 1-Chlorooctadecane 98.3 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 1 (3') (H222771-18)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 2 (3') (H222771-19)

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	06/29/2022	ND	2.15	108	2.00	2.25		
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 122 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 3 (3') (H222771-20)

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	06/29/2022	ND	2.15	108	2.00	2.25	
Toluene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.58	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.13	106	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.49	108	6.00	1.75	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	223	111	200	2.23	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	225	112	200	0.0890	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 43-149

Surrogate: 1-Chlorooctadecane 104 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 4 (3') (H222771-21)

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	06/29/2022	ND	2.12	106	2.00	5.42		
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 84.4 % 43-149

Surrogate: 1-Chlorooctadecane 96.1 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 5 (1') (H222771-22)

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	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 6 (2') (H222771-23)

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	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 43-149

Surrogate: 1-Chlorooctadecane 99.4 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 7 (3') (H222771-24)

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	06/29/2022	ND	2.12	106	2.00	5.42		
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 88.3 % 43-149

Surrogate: 1-Chlorooctadecane 99.1 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 8 (2') (H222771-25)

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	06/29/2022	ND	2.12	106	2.00	5.42		
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 86.4 % 43-149

Surrogate: 1-Chlorooctadecane 97.1 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 9 (5') (H222771-26)

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	06/29/2022	ND	2.12	106	2.00	5.42		
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 84.8 % 43-149

Surrogate: 1-Chlorooctadecane 95.6 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 10 (5') (H222771-27)

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	06/29/2022	ND	2.12	106	2.00	5.42		
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 85.2 % 43-149

Surrogate: 1-Chlorooctadecane 97.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 11 (5') (H222771-28)

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	06/29/2022	ND	2.12	106	2.00	5.42		
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 82.6 % 43-149

Surrogate: 1-Chlorooctadecane 93.4 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 12 (5') (H222771-29)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 43-149

Surrogate: 1-Chlorooctadecane 97.8 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 13 (5') (H222771-30)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42		
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 82.3 % 43-149

Surrogate: 1-Chlorooctadecane 94.1 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 14 (5') (H222771-31)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 79.3 % 43-149

Surrogate: 1-Chlorooctadecane 92.9 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 15 (5') (H222771-32)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 16 (5') (H222771-33)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 43-149

Surrogate: 1-Chlorooctadecane 97.2 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 17 (5') (H222771-34)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 43-149

Surrogate: 1-Chlorooctadecane 99.3 % 42.5-161

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 18 (1') (H222771-35)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42		
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89		
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36		
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65		
Total BTEX	<0.300	0.300	06/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/29/2022	ND	201	100	200	2.62		
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND						

Surrogate: 1-Chlorooctane 84.5 % 43-149

Surrogate: 1-Chlorooctadecane 99.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 19 (4') (H222771-36)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	06/29/2022	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	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 20 (4') (H222771-37)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/29/2022	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	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/29/2022	Sampling Date:	06/29/2022
Reported:	06/30/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 21 (4') (H222771-38)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2022	ND	2.12	106	2.00	5.42	
Toluene*	<0.050	0.050	06/29/2022	ND	2.11	105	2.00	4.89	
Ethylbenzene*	<0.050	0.050	06/29/2022	ND	2.08	104	2.00	5.36	
Total Xylenes*	<0.150	0.150	06/29/2022	ND	6.32	105	6.00	5.65	
Total BTEX	<0.300	0.300	06/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/29/2022	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	06/29/2022	ND	201	100	200	2.62	
DRO >C10-C28*	<10.0	10.0	06/29/2022	ND	209	104	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	06/29/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 43-149

Surrogate: 1-Chlorooctadecane 96.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 10223771-1

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Dr.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 79706
Phone:	432-813-6823	Email:	Todd.Wells@eogresources.com

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

Project Name:	Lotus ALT State #5 Flowline	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	1068	Due Date:	<i>active</i>		
Project Location:	Lea Co, NM				
Sampler's Name:	AT				
PO #:					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.5°C		
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	1.2°C		
Total Containers:		Corrected Temperature:	0.7°C		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
1 CS-1 (3')	6/29/2022		X		G	1	X	X	X	
2 CS-2 (3')	6/29/2022		X		G	1	X	X	X	
3 CS-3 (3')	6/29/2022		X		G	1	X	X	X	
4 CS-4 (3')	6/29/2022		X		G	1	X	X	X	
5 CS-5 (3')	6/29/2022		X		G	1	X	X	X	
6 CS-6 (2')	6/29/2022		X		G	1	X	X	X	
7 CS-7 (5')	6/29/2022		X		G	1	X	X	X	
8 CS-8 (5')	6/29/2022		X		G	1	X	X	X	
9 CS-9 (5')	6/29/2022		X		G	1	X	X	X	
10 CS-10 (5')	6/29/2022		X		G	1	X	X	X	

Email to: Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>		<i>[Signature]</i>	

Chain of Custody

Work Order No: 1532771-13

Page 2 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5508 Champions Dr.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

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

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
11	6/29/2022		X		G	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
12	6/29/2022		X		G	1	X	X	X	
13	6/29/2022		X		G	1	X	X	X	
14	6/29/2022		X		G	1	X	X	X	
15	6/29/2022		X		G	1	X	X	X	
16	6/29/2022		X		G	1	X	X	X	
17	6/29/2022		X		G	1	X	X	X	
18	6/29/2022		X		G	1	X	X	X	
19	6/29/2022		X		G	1	X	X	X	
20	6/29/2022		X		G	1	X	X	X	

Email to: Mike Carmona mcarmona@carmonarresources.com and Conner Moehring cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			6-29-22 0800

Chain of Custody

Work Order No: 1822711-1-38

Page 3 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Dr.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Project Number:	Project Location:	Turn Around	Pres. Code	ANALYSIS REQUEST			Preservative Codes
					BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
Lotus ALT State #5 Flowline	1068	Lea Co., NM	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush				None: NO DI Water: H ₂ O	
Sampler's Name:		AT	Due Date: <u>24/12</u>				Cool: Cool MeOH: Me	
PO #:							HCL: HC HNO ₃ : HN	
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 ₂ SO ₄ : H ₂ NaOH: Na	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:					H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:					NH ₄ SO ₄ : NABIS	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:					Na ₂ S ₂ O ₅ : NaSO ₃	
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:					Zn Acetate+NaOH: Zn	
							NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments	
<u>21</u> SW-4 (3)	6/29/2022		X		G	1		
<u>22</u> SW-5 (1')	6/29/2022		X		G	1		
<u>23</u> SW-6 (2')	6/29/2022		X		G	1		
<u>24</u> SW-7 (3')	6/29/2022		X		G	1		
<u>25</u> SW-8 (2')	6/29/2022		X		G	1		
<u>26</u> SW-9 (5')	6/29/2022		X		G	1		
<u>27</u> SW-10 (5')	6/29/2022		X		G	1		
<u>28</u> SW-11 (5')	6/29/2022		X		G	1		
<u>29</u> SW-12 (5')	6/29/2022		X		G	1		
<u>30</u> SW-13 (5')	6/29/2022		X		G	1		

Email to: Mike Carmona mcarmona@carmonaresources.com and Conner Moehring cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>		<i>[Signature]</i>	<u>6/29/2022</u>



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

July 01, 2022

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: LOTUS ALT STATE #5 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 06/30/22 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/01/2022	Sampling Type:	Soil
Project Name:	LOTUS ALT STATE #5 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	1068	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 2 (3') (H222804-01)

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	06/30/2022	ND	2.02	101	2.00	6.00		
Toluene*	<0.050	0.050	06/30/2022	ND	2.00	99.9	2.00	7.26		
Ethylbenzene*	<0.050	0.050	06/30/2022	ND	2.01	100	2.00	6.80		
Total Xylenes*	<0.150	0.150	06/30/2022	ND	6.12	102	6.00	7.26		
Total BTEX	<0.300	0.300	06/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

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	06/30/2022	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	06/30/2022	ND	218	109	200	2.56		
DRO >C10-C28*	<10.0	10.0	06/30/2022	ND	229	115	200	12.6		
EXT DRO >C28-C36	<10.0	10.0	06/30/2022	ND						

Surrogate: 1-Chlorooctane 72.7 % 43-149

Surrogate: 1-Chlorooctadecane 76.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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

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

CONDITIONS

Action 124523

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 124523
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/19/2022