

SITE INFORMATION

Closure Report

Williams B Federal #3 Eddy County, New Mexico Unit F Sec 29 T17S R28E 32.80586°, -104.19833°

Incident ID: nAPP2319952763

Condensate Release

Point of Release: 8" SDR Poly Line Leak due to high pressure

Release Date: 07/18/2023 Volume Released: 6.68 Barrels Volume Recovered: 0 Barrels

CARMONA RESOURCES



Incident ID: nAPP2322332538
Other Fluids Release
Point of Release: SDR-17 Poly Line Rupture

Release Date:08/10/2023 Volume Released: 10 Barrels Volume Recovered: 0 Barrels

Prepared for: Durango Midstream 47 Conoco Rd. Maljamar, New Mexico 88264

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

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



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October 18, 2023

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

Re: Closure Report

Williams B Fed #3

Incident ID: nAPP2319952763 Incident ID: nAPP2322332538

Durango Midstream

Site Location: Unit F S29 T17S, R28E (Lat 32.80586°, Long -104.19833°) Eddy County, New Mexico

Mr. Bratcher:

On behalf of Durango Midstream (Durango), Carmona Resources, LLC has prepared this letter to document site activities for the Williams B Fed #3. The site is located at 32.80586, -104.19833 within Unit F, S29, T17S, R28E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

nAPP2319952763

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 18, 2023, caused by an 8" SDR line leak due to high pressure. It resulted in approximately six point six eight (6.68) barrels of condensate, with zero (0) barrels recovered. The impacted area is shown in Figure 3. The initial C-141 form is attached in Appendix C.

nAPP2322332538

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 10, 2023, caused by an SDR 17-line leak due to high pressure and heat. It resulted in approximately ten (10) barrels of fluids, with zero (0) barrels recovered. The impacted area 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 medium 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 approximately 1.31 miles southeast of the site in S33, T17S, R28E and was drilled in 2021. The well has a reported depth to groundwater of greater than 104 feet below the 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

On July 28, 2023, Carmona Resources personnel were on site to perform site assessment activities to evaluate soil impacts stemming from both releases. A total of nine (9) trenches (T-1 through T-9) and eight (8) horizontals were advanced to depths ranging from surface to 4' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. The second release occurred on August 10, 2023, after the initial assessment, and the impacted area stayed within the initial spill footprint. All impacted material was removed during remediation activities. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on September 4, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of twenty-five (25) floor confirmation samples were collected (CS-1 through CS-25), and eight (8) sidewall samples (SW-1 through SW-8) were collected every 200 square feet to ensure the proper removal of the contaminated soils. Areas within the spill release that did not exceed regulatory limits were back dragged using a backhoe. 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 220 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The site was re-seeded during the summer on September 25, 2023, to help aid the growth process. The seed mixture was spread by hand. Topsoil matching the surrounding areas was raked back on top of the seed after being broadcasted. The seed mixture used was the BLM Seed Mixture LPC Sand/Shinnery Site (See attachments in Appendix F).

7.0 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 Durango Midstream, LLC formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring Sr. Project Manager

Clinton Merritt Sr. Project Manager

FIGURES

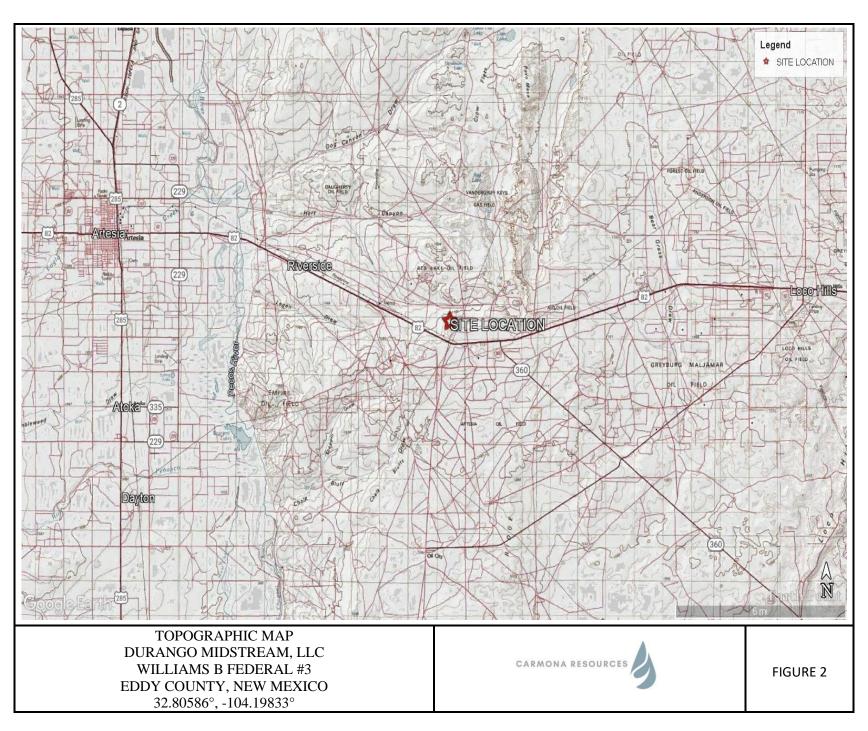
CARMONA RESOURCES

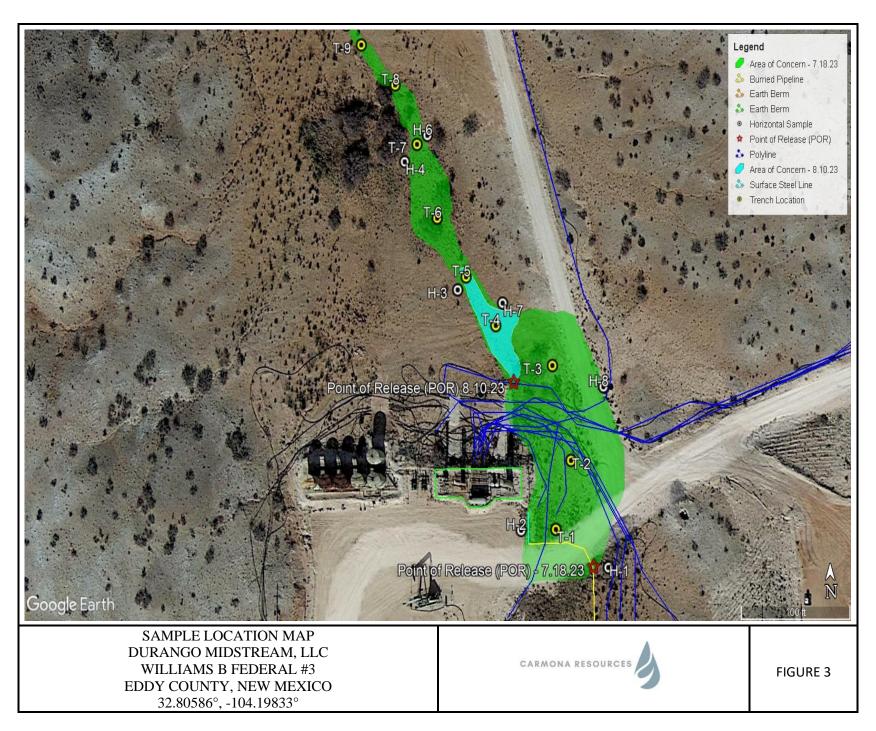


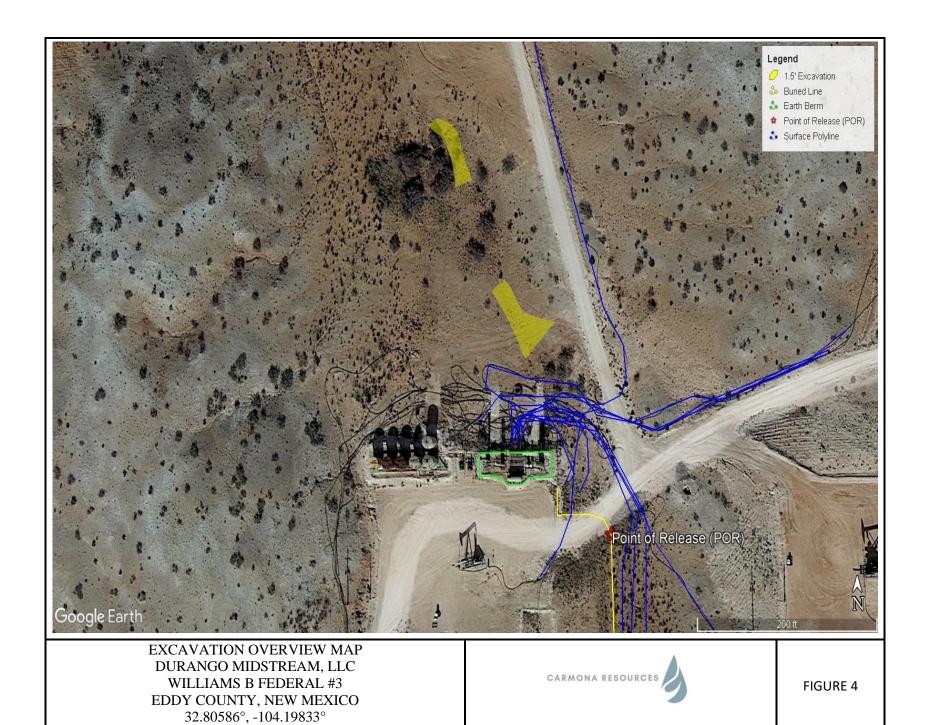
DURANGO MIDSTREAM, LLC WILLIAMS B FEDERAL #3 EDDY COUNTY, NEW MEXICO 32.80586°, -104.19833°

CARMONA RESOURCES

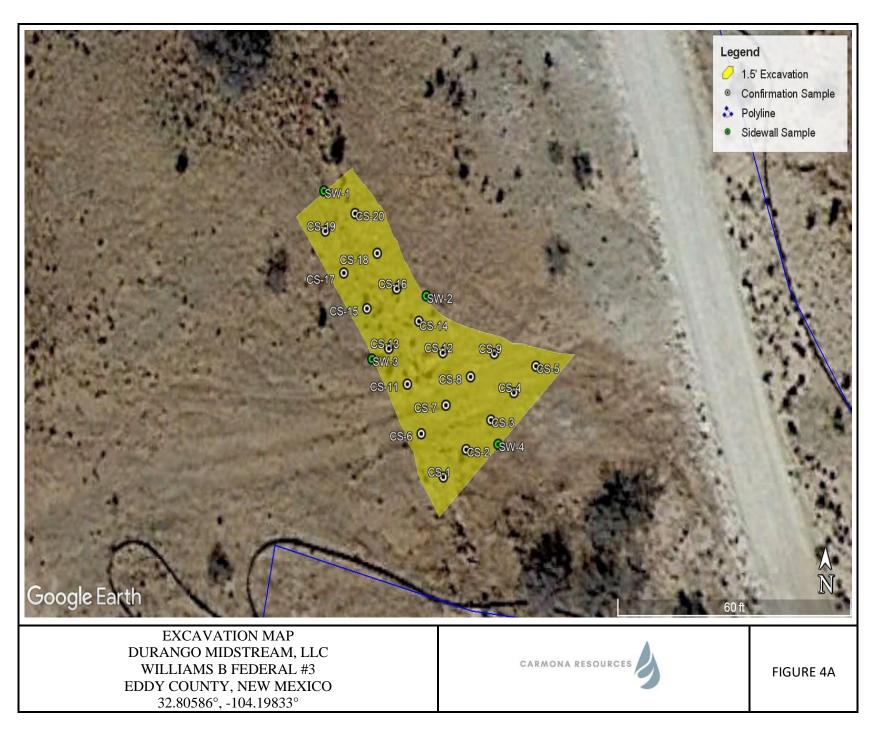
FIGURE 1







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APPENDIX A



Table 1 **Durango Midstream** Williams B Federal #3 **Eddy County, New Mexico**

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	7/28/2023	0-1	<10.0	27.4	<10.0	27.4	<0.050	<0.050	<0.050	<0.150	<0.300	160
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	< 0.300	32.0
T-1	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	< 0.300	32.0
		3	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	<0.050	<0.150	< 0.300	16.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	7/28/2023	0-1	<10.0	48.6	<10.0	48.6	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	< 0.300	32.0
T-2	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	< 0.300	144
		3	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	<0.050	<0.150	< 0.300	96.0
	11	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	7/28/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
T-3	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	< 0.300	208
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	7/28/2023	0-1	<10.0	103	48.8	151.8	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
T-4	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
	7/28/2023	0-1	17.8	5,810	1,920	7,747.80	<0.050	0.072	0.136	0.274	0.481	256
T-5		1.5	<10.0	44.9	15.1	60	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
1-5		2	<10.0	45.3	12.8	58.1	< 0.050	<0.050	<0.050	<0.150	< 0.300	32.0
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
	7/28/2023	0-1	<10.0	39.6	13.0	52.6	<0.050	0.061	0.093	<0.150	<0.300	16.0
T-6	"	1.5	<10.0	<10.0	<10.0	<10.0	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<16.0
1-0	"	2	<10.0	<10.0	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.150	< 0.300	<16.1
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.2
	7/28/2023	0-1	<10.0	124	58.0	182	<0.050	<0.050	0.071	<0.150	<0.300	128
T-7		1.5	<10.0	<10.0	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.150	< 0.300	128
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	7/28/2023	0-1	12.8	105	21.6	139.4	<0.050	0.138	0.348	0.405	0.890	144
T-8		1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	7/28/2023	0-1	<10.0	50.1	11.7	61.8	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
T-9		1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
		2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Regulato	ry Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
(-) Not	Analyzed											

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH- Total Petroleum Hydrocarbons ft-feet (T) Trench Sample

Removed

Table 1
Durango Midstream
Williams B Federal #3
Eddy County, New Mexico

OIn ID	Data	D(1-//0)		TPH	l (mg/kg)		Benzene Toluene		Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg) (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
H-1	7/28/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	7/28/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
H-3	7/28/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-4	7/28/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	0.087	0.149	<0.150	<0.300	16.0
H-5	7/28/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-6	7/28/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-7	7/28/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-8	7/28/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	ory Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

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

(H) Horizontal Sample

Removed

Table 2 **Durango Midstream** Williams B Federal #3 **Eddy County, New Mexico**

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-2	9/6/2023	1.5'	<10.0	11.1	<10.0	11.1	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-3	9/6/2023	1.5'	<10.0	11.0	<10.0	11.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-4	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-5	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-6	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-7	9/6/2023	1.5'	<10.0	31.9	<10.0	31.9	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-8	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-9	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-10	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-11	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-12	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-13	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-14	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-15	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-16	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-17	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-18	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-19	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-20	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-21	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-22	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-23	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-24	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-25	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	ry Criteria ^A Analyzed					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

ft-feet (CS) Confirmation Sample

(SW) Sidewall Sample

Table 2
Durango Midstream
Williams B Federal #3
Eddy County, New Mexico

0	Data	D(1- (6)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	9/6/2023	1.5'	<10.0	20.8	<10.0	20.8	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	9/6/2023	1.5'	<10.0	27.8	<10.0	27.8	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	9/6/2023	1.5'	<10.0	26.6	<10.0	26.6	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-4	9/6/2023	1.5'	<10.0	20.4	<10.0	20.4	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-6	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-7	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-8	9/6/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulato	ory 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

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

Durango Midstream

Photograph No. 1

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View North, area of T-1.



Photograph No. 2

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View Northwest, area of T-2.



Photograph No. 3

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View Southwest, area of T-3.





Durango Midstream

Photograph No. 4

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View North, area of T-4.



Photograph No. 5

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View Southwest, area of T-5.



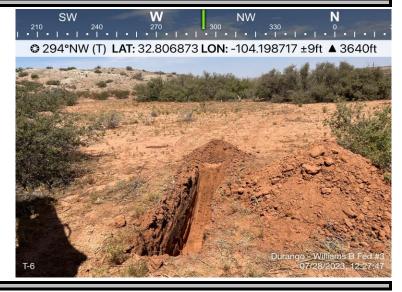
Photograph No. 6

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View Northwest, area of T-6.





Durango Midstream

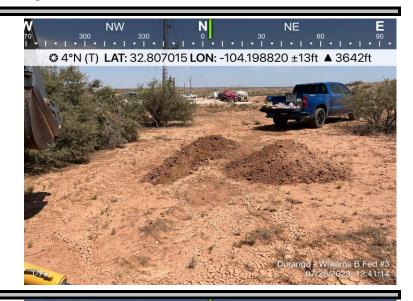
Photograph No. 7

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View North, area of T-7.



Photograph No. 8

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View South, area of T-8.



Photograph No. 9

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View North, area of T-9.





Durango Midstream

Photograph No. 10

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (1-20).



Photograph No. 11

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (1-20).



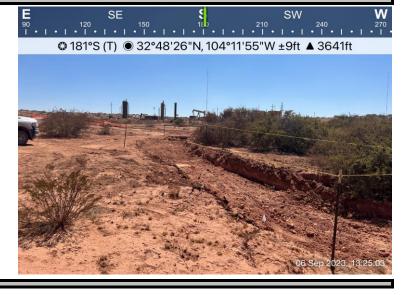
Photograph No. 12

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (21-25).





Durango Midstream

Photograph No. 13

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View West, area of backfilled excavation and reseeded area of concern.



Photograph No. 14

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View Southwest, area of backfilled excavation and reseeded area of concern.



Photograph No. 15

Facility: Williams B Fed #3

County: Eddy County, New Mexico

Description:

View Northwest, of the reseeded area of concern.





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	nAPP2319952763
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party Fr	ontier Field Servic	es	OGRID	221115			
Contact Nam	ne Lu	ipe Carrasco		Contact	Telephone 575-725-0787			
Contact ema	il go	carrasco@duran	gomidstream.c	om Incident	# (assigned by OCD) nAPP2319952763			
Contact mail	ing address	47 Conoco	Rd. Maljamar,	NM 88264				
			Location	of Release S	Source			
Latitude <u>3</u>	Latitude 32.806134 Longitude -104.198293 (NAD 83 in decimal degrees to 5 decimal places)							
Site Name	William	ıs B Fed #3 -8" p	oolv	Site Type	Pipeline			
Date Release			,	API# (if a	'			
Unit Letter	Section	Township	Range	Co	unty			
F	29	17S	28E	Eddy	any			
ı	29	173	20L	Luuy	<u></u>			
Surface Owner	r: State	X Federal Tr	ibal Private (/	Vame:)			
			Nature and	l Volume of	Release			
	Materia	l(s) Released (Select al	I that apply and attach	calculations or specif	ic justification for the volumes provided below)			
Crude Oi	1	Volume Release		carcarations of specif	Volume Recovered (bbls)			
Produced	Water	Volume Release	d (bbls)		Volume Recovered (bbls)			
		Is the concentrat	ion of dissolved c >10.000 mg/l?	hloride in the	☐ Yes ☐ No			
X Condensa	ite	Volume Release		}	Volume Recovered (bbls) 0			
X Natural Gas Volume Released (Mcf) 1127 Volume					Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units) Volume/Weight Recovered (provide units)								
Cause of Rel	Cause of Release 8" SDR poly line leak due to high line pressure.							

Received by OCD: 10/20/2023/12:00:10/20 Form C-141 State of New Mexico
Page 2 Oil Conservation Division

75 77		~ ~ ~ ~
Page	no con	<i>t &n a</i>
1 426	LANCON	<i>ETT</i>
	0 1	

Incident ID	nAPP2319952763
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respor	sible party consider this a major release?				
19.15.29.7(A) NMAC?	> 500 IIICI					
Yes □ No						
If YES, was immediate no	tice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?				
	asco per email and OCD portal.	•				
	Initial Ro	esponse				
The responsible p	party must undertake the following actions immediatel	vunless they could create a safety hazard that would result in injury				
▼ The source of the rele	ease has been stopped.					
The impacted area ha	s been secured to protect human health and	the environment.				
	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.				
-	X All free liquids and recoverable materials have been removed and managed appropriately.					
If all the actions described	If all the actions described above have <u>not</u> been undertaken, explain why:					
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.				
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws				
Printed Name: Lupe C		Title: Sr. Environmental Specialist				
Signature:	os Carrasco	Date:7/21/23				
email: gcarrasco@du		Telephone: 575-725-0787				
OCD Only						
Received by: Shelly We	ells	Date: 7/21/2023				
, <u> </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

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 243126

CONDITIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	243126
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
scwells	None	7/21/2023

District I
1625 N. French Dr., Hobbs, NM 88240
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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	nAPP2322332538
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party Fro	ontier Field Servic	es		OGRID	221115
Contact Name Lupe Carrasco			Contact Te	elephone 575-725-0787		
Contact ema	il go	arrasco@duran	gomidstream.c	om	Incident #	(assigned by OCD) nAPP2322332538
Contact mail	ing address	47 Conoco	Rd. Maljamar,	, NM 8	8264	
			Location	of Re	elease So	ource
Latitude	32.80586		(NAD 83 in dec		Longitude _ rees to 5 decin	-104.19833 nal places)
		ns B Fed 3-8-08	3102023		Site Type	Pipeline
Date Release	Discovered	8/10/2023			API# (if app	plicable)
Unit Letter	Section	Township	Range		Coun	nty
F	29	17S	28E	Ed	ddy	
Surface Owner		X Federal Tr	Nature and	d Vol	ume of I	
Crude Oil		Volume Release		i caicuiaiic	ons or specific	volume Recovered (bbls)
Produced	Water	Volume Release	d (bbls)			Volume Recovered (bbls)
		Is the concentrat	ion of dissolved c >10,000 mg/l?	chloride	in the	☐ Yes ☐ No
Condensa	ite	Volume Release	d (bbls)			Volume Recovered (bbls)
X Natural G	as	Volume Release	d (Mcf) 4832	2		Volume Recovered (Mcf)
X Other (de	scribe)	Volume/Weight	Released (provide	e units)		Volume/Weight Recovered (provide units)
10 bbls					0 bbls	
Cause of Rele	ease	High pressure th	nreshold & extre	emely h	not temper	ratures causing SDR-17 poly line to rupture.

Received by OCD: 10/20/2023 12:00:10 AM State of New Mexico
Page 2 Oil Conservation Division

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Incident ID	nAPP2322332538
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respor	sible party consider this a major release?
19.15.29.7(A) NMAC?		
X Yes No		
	·	om? When and by what means (phone, email, etc)?
NMO	OCD Portal	
	Initial Ro	esponse
The responsible p	party must undertake the following actions immediatel	vunless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
x The impacted area ha	s been secured to protect human health and	the environment.
x Released materials ha	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
X All free liquids and re	ecoverable materials have been removed and	I managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain v	vhy:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	pest of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Lupe C		Title: Sr. Environmental Specialist
Signature: Lup	re Carrasco	Date: 8/16/23
-	rangomidstream.com	Telephone: 575-725-0787
OCD Only		
Received by Shally W.	ells	Date: 8/16/2023
Shelly We		0/10/2023



Gas Release Volume Calculator						
Date:		8/10/2023				
Site or Line Name:	ABO-Williams B Fed 3 - 8" Poly Line					
Area of Hole in Pipe:	12 square inches					
Absolute Pressure:	98.7	psia	a - absolute pressure (psia = psig gauge pressure + 14.7)			
Duration of Release:	30.00 minutes		minutes			
Actual Temperature:	114.2		Degrees F			
Representative Gas Analysis		Please attac	h or email a representative gas analysis			
Constants						
Temperature at standard conditions:	60	Deg. F				
Pressure at standard conditions:	14.7	PSIA				
Volume of Gas - Actual Conditions	794.73	MACF				
Volume of Gas - Standard Conditions	4,832.09	MSCF				

Notes
Entered by user
Calculated Value
Constant

Note:

8/16/2023 Williams B Fed 3 Release Calculations

Liquid Volume Release Report

Liquid Release Volume Calculator							
Date:)/2023		
Site or Line Name:			ABO	-Williams B	Fed 3 - 8" Po	ly Line	
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15				0	0.00	Clay
Sandy Clay	0.12				0	0.00	Sandy Clay
Silt	0.16				0	0.00	Silt
Fine Sand	0.16				0	0.00	Fine Sand
Medium Sand	0.25	325	2.08	0.332	224.432	10.00	Medium Sand
Coarse Sand	0.26				0	0.00	Coarse Sand
Gravely Sand	0.26				0	0.00	Gravely Sand
Fine Gravel	0.26				0	0.00	Fine Gravel
Medium Gravel	0.20				0	0.00	Medium Gravel
Coarse Gravel	0.18				0	0.00	Coarse Gravel
Sandstone	0.25				0	0.00	Sandstone
Siltstone	0.18		-		0	0.00	Siltstone
Limestone	0.13				0	0.00	Limestone
Basalt	0.19				0	0.00	Basalt
Standing Liquids	Χ	0	0	0	0	0.00	Standing Liquids

Choose the one prevailing ground type for estimating spill volumes at a single location. Standing liquids are figured separately using the green cell.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

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

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 252940

CONDITIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	252940
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date	
scwells	None	8/16/2023	

Received by OCD: 10/20/202 3 Form C-141	State of New Mexico
Page 3	Oil Conservation Division

	Page 32 of 144
Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)				
Did this release impact groundwater or surface water?	☐ Yes ☐ No				
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No				
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No				
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No				
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No				
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No				
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No				
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No				
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No				
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.					
Characterization Report Checklist: Each of the following items must be included in the report.					
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody					
1					

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.

Received by OCD: 10/20/2023 12:00:10 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 33 of 1	44
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: Lupe Carrasco	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	

Received by OCD: 10/20/2023	12:00:10 AM
Form C-141	State of New Mexico
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	rage 34 of 1
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 19.15.29.1	1 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		
* Original gas volume should be amended to 1.44 mcf (nAPP23	119952763) and 3.23 mcf (nAPP2322332538)	
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:	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:	Date:	
Printed Name:		
_		

From: Buchanan, Michael, EMNRD

Sent: Wednesday, September 6, 2023 11:59 AM

To: Clint Merritt; Enviro, OCD, EMNRD; Hamlet, Robert, EMNRD

Cc: Mike Carmona; Conner Moehring; Devin Dominguez; Guadalupe Carrasco **Subject:** RE: [EXTERNAL] ABO-Williams B Fed 3-8-08102023 Confirmation Sampling

Good afternoon, Clinton

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

From: Clint Merritt < Merritt C@carmonaresources.com >

Sent: Monday, September 4, 2023 9:38 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Mike Carmona < Mcarmona@carmonaresources.com>; Conner Moehring

<Cmoehring@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>;

Guadalupe Carrasco <gcarrasco@durangomidstream.com>

Subject: [EXTERNAL] ABO-Williams B Fed 3-8-08102023 Confirmation Sampling

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

Good Morning,

On behalf of Durango Midstream, Carmona Resources will conduct a confirmation sampling at the below-referenced site on 9/6/23 around 2:00 p.m. Mountain Time. Please let me know if you have any questions.

Durango Midstream ABO-Williams B Fed 3-8-08102023 Eddy County, New Mexico 32.806109, -104.198267 Incident #: nAPP2322332538

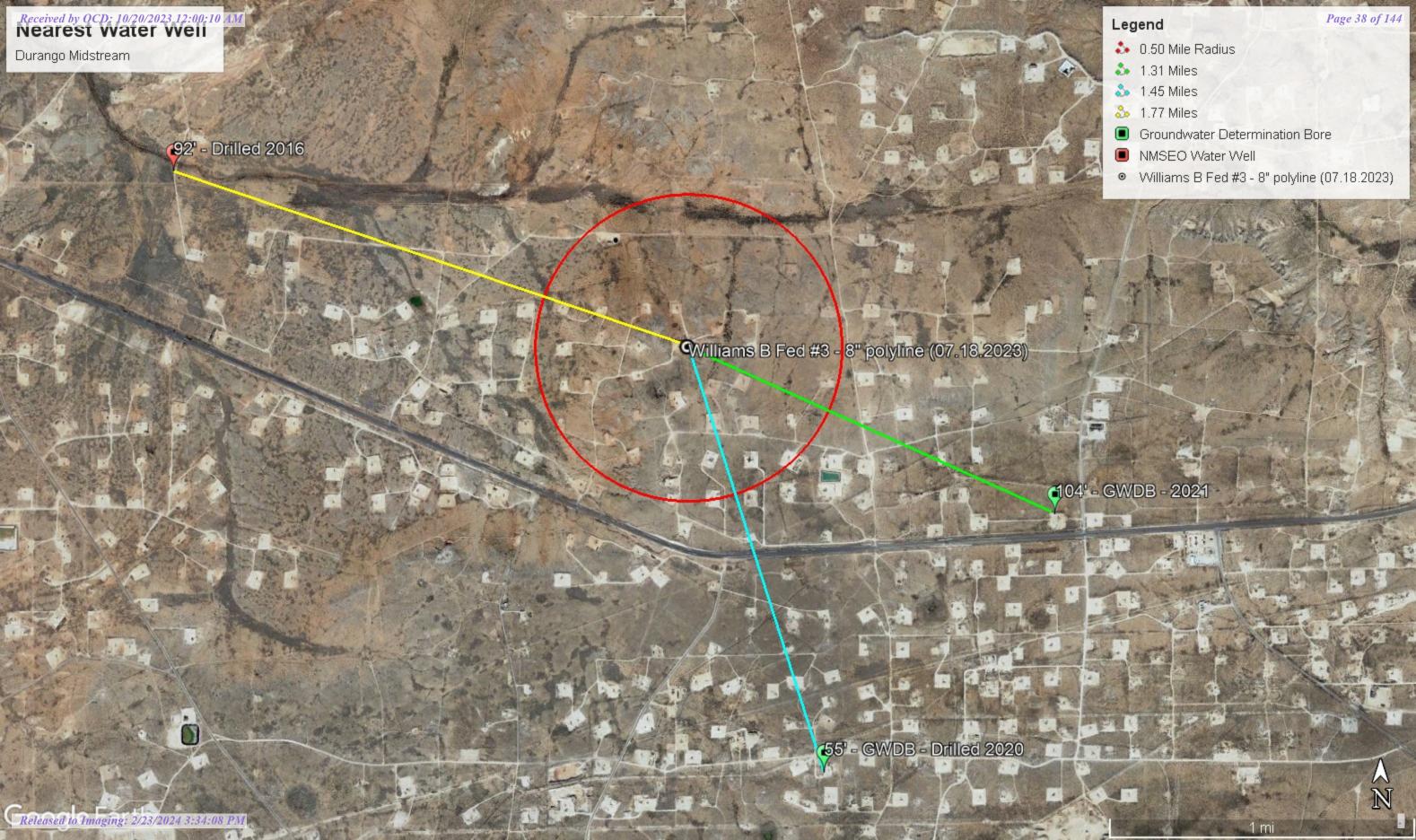
Clinton Merritt 310 West Wall Street, Suite 500 Midland TX, 79701 M: 432-813-9044

MerrittC@carmonaresources.com



APPENDIX D

CARMONA RESOURCES







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) (NAI

(NAD83 UTM in meters)

(In feet)

 POD

 Sub Q Q Q
 Depth Depth Water

 POD Number
 Code basin County 64 16 4 Sec Tws Rng
 X
 Y
 Distance Well Water Column

 RA 12456 POD1
 RA ED 1 4 4 24 17S 27E 572348 3630969
 2851 220 92 128

Average Depth to Water: 92 feet

Minimum Depth: 92 feet

Maximum Depth: 92 feet

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 575056.87 Northing (Y): 3630080.4 Radius: 4000

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

7/21/23 8:03 AM

Desert Sand Water Well Services, LLC.

Soil Bore Report

£0	Customer:												
III	ŀ	1			Phone:	Date:							
General / Well Info		ack Dispos	al/Apach	e Corp.	575-631-9586	8/3/21							
ral	Well Name:				Location:								
Gene	WASHIN	GTON 33	STATE #	# 64	32.798190, -104.177687								
	DE	PTH											
	FROM	то	THICKNESS (feet)	COLOR	AND TYPE OF MATERIAL ENCOUNTERED - IN BEARING CAVITIES OR FRACTURES	CLUDE WATER							
	0	3	3	·	TOP SOIL								
	3	21	18		CALICHE / CONGLOMERATE ROCK								
	21	41	20		RED SAND								
,	41	61	20		RED SAN/ RED CLAY STRINGERS / ROCK								
	61	81	20		RED SAND / RED CALY STRINGERS	-A							
	81	91	10	RED SAND									
-	91	104	13		TAN SAND								
-													
. -													
1													
WELL													
8													
9				BORE H	OLE WAS LEFT OPEN 72 HOURS THEN CH	ECKED FOR							
5				WATER. THE BORE HOLE WAS DRY AFTER 72 HOURS. BORE HOLE WAS									
TOG				PLUGGED	FROM THE BOTTOM OF THE HOLE TO T	HE TOP WITH							
				CLE.	AN NATURAL FILL AND 3/8 HOLE PLUG C	N 8/6/21.							
L													
L													
L													
_													
-													
_													
-													
<u></u>													

Logger:
Driller:
Consultant:
Drilling Method:
Start Date:

Lance Crenshaw Ready Drill, LLC Etech Environmental Rotary December 21, 2020



End Date: December 21, 2020

Comments: Drilled 55' bore hole to determine no groundwater in

area

Drafted by: Lance Crenshaw

Location: Lat: 32.78601

Long: -104.19064

Project Name:

Kersey State Battery

County: Eddy State: NM

Well ID:

chloride Depth LAB PID Description **Well Construction** Lithology (feet) field tests Caliche, Sand Mix 5 Rock, Caliche 10 Clay 15 Red Clay, Sand 20 Red Clay, Sand 25 30 Red Clay, Sand Red Clay 35 Red Clay 40 45 Red Clay 50 Red Clay 55 Red Clay



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

 \mathbf{X}

RA 12456 POD1

572348

Driller License: 1058 **Driller Company:** KEY'S DRILLING & PUMP SERVICE

Driller Name: DON KUEHN III

Drill Start Date: 09/07/2016 **Drill Finish Date:** 09/09/2016 **Plug Date:**

Log File Date: 09/15/2016 **PCW Rcv Date:** Shallow Source: Estimated Yield: 10 GPM **Pump Type:** Pipe Discharge Size: **Casing Size:** 4.50 Depth Well: 220 feet **Depth Water:** 92 feet

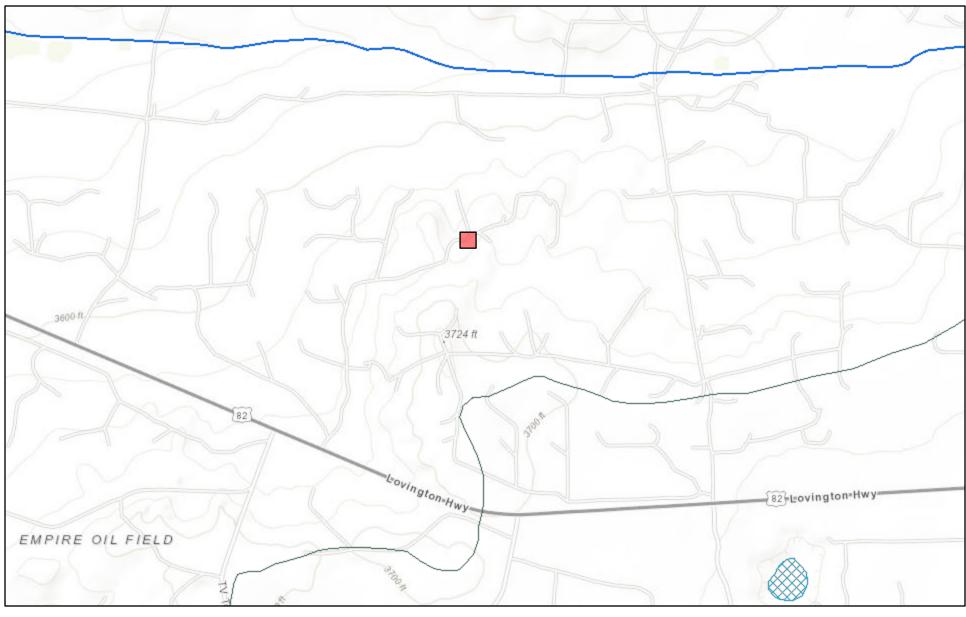
Water Bearing Stratifications:	Top	Bottom	Description
	90	110	Sandstone/Gravel/Conglomerate
	160	180	Shale/Mudstone/Siltstone
	180	200	Sandstone/Gravel/Conglomerate
	200	210	Sandstone/Gravel/Conglomerate
	210	220	Sandstone/Gravel/Conglomerate
Casing Perforations:	Тор	Bottom	
	200	220	

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.

7/21/23 9:06 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



July 21, 2023

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

APPENDIX E

CARMONA RESOURCES



August 07, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: DURANGO WILLIAMS B FED #3

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 11:35.

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

Cardinal Laboratories is accreditated 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)

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

Project Name: DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (0-1') (H234046-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/06/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	27.4	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

A ... - L ... - - - I D. .. MC

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 1 (1.5') (H234046-02)

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/06/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

Project Name: DURANGO WILLIAMS B FED #3

mg/kg

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (2') (H234046-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/06/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	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	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

Analyzed By: MS

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

ma/ka

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (3') (H234046-04)

Project Name:

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	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	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 1 (4') (H234046-05)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 2 (0-1') (H234046-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	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	08/04/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	48.6	10.0	08/04/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (1.5') (H234046-07)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

ma/ka

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (2') (H234046-08)

Project Name:

RTFY 8021R

Result <0.050 <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 08/07/2023	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050			ND	2.00				
	0.050			2.00	100	2.00	2.79	
<0.050		08/07/2023	ND	1.91	95.7	2.00	2.94	
	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
<0.300	0.300	08/07/2023	ND					
100 9	71.5-13	4						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
144	16.0	08/07/2023	ND	432	108	400	3.64	
mg/kg		Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
<10.0	10.0	08/05/2023	ND					
92.5	% 48.2-13	4						
99.2	% 49.1-14	8						
	<0.150 <0.300 100 9 mg/ Result 144 mg/ Result <10.0 <10.0 <10.0	<0.150 0.150 <0.300 0.300 100	<0.150	<0.150 08/07/2023 ND 100 % 71.5-134 71.5-134 Analyzed By: AC Result Reporting Limit Analyzed Method Blank 144 16.0 08/07/2023 ND Result Reporting Limit Analyzed Method Blank <10.0	<0.150	<0.150 0.150 08/07/2023 ND 5.74 95.7 <0.300 0.300 08/07/2023 ND 5.74 95.7 100 % 71.5-134 mg/ky Analyzed By: AC Result Reporting Limit Analyzed By: MS % Recovery Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	<0.150 0.150 08/07/2023 ND 5.74 95.7 6.00 100 % 71.5-134 Mesult Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 144 16.0 08/07/2023 ND 432 108 400 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0 10.0 08/05/2023 ND 176 88.1 200 <10.0 10.0 08/05/2023 ND 170 84.8 200 • 10.0 10.0 08/05/2023 ND 170 84.8 200 • 20.5 % 48.2-134 48.2-134 48.2-134 48.2-134 48.2-134	<0.150

Applyzod By: MC

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

mg/kg

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (3') (H234046-09)

Project Name:

BTEX 8021B

	9/	9	7111411720	= 7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/07/2023	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	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

Analyzed By: MS

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

mg/kg

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (4') (H234046-10)

Project Name:

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/07/2023	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	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

Analyzed By: MS

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 3 (0-1') (H234046-11)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 3 (1.5') (H234046-12)

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

Project Name: DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 3 (2) (H234046-13)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	< 0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	18						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 4 (0-1') (H234046-14)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
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	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	103	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	48.8	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 4 (1.5') (H234046-15)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 4 (2') (H234046-16)

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 5 (0-1') (H234046-17)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	0.072	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	0.136	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	0.274	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	0.481	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	17.8	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	5810	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	1920	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	301	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 5 (1.5') (H234046-18)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/07/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	44.9	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	15.1	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	18						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil Sampling Condition: Cool

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 5 (2') (H234046-19)

Project Name:

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	45.3	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	12.8	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

mg/kg

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 5 (3') (H234046-20)

Project Name:

BTEX 8021B

	9,	9	7	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	8						

Analyzed By: MS

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

Project Name: DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 6 (0-1') (H234046-21)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	0.061	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	0.093	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
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	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	39.6	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	13.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: T - 6 (1.5') (H234046-22)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported:

08/07/2023 DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 6 (2') (H234046-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
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	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	100 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

ma/ka

Project Name: DURAN Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 6 (3') (H234046-24)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit 0.050 0.050 0.050 0.150 0.300	Analyzed 08/07/2023 08/07/2023 08/07/2023 08/07/2023	Method Blank ND ND ND	BS 2.05 1.97 1.98	% Recovery 103 98.7 99.0	True Value QC 2.00 2.00	RPD 0.136 0.325	Qualifier
<0.050 <0.050 <0.150	0.050 0.050 0.150	08/07/2023 08/07/2023	ND ND	1.97	98.7	2.00		
<0.050 <0.150	0.050 0.150	08/07/2023	ND				0.325	
<0.150	0.150			1.98	00.0			
		08/07/2023			99.0	2.00	1.44	
<0.300	0.300		ND	5.99	99.8	6.00	0.831	
	2.300	08/07/2023	ND					
104	% 71.5-13	4						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	08/07/2023	ND	448	112	400	0.00	
mg/kg		Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
<10.0	10.0	08/05/2023	ND	170	84.8	200	5.24	
<10.0	10.0	08/05/2023	ND					
104	% 48.2-13	4						
113	% 49.1-14	8						
	Result <16.0 mg, Result <10.0 <10.0 <10.0	## 71.5-13 mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 48.2-13	<0.300 0.300 08/07/2023 104 % 71.5-134 mg/ky Analyzed <16.0	IO4 % 71.5-134 Method Blank Result Reporting Limit Analyzed Method Blank <16.0	<0.300 0.300 08/07/2023 ND 104 % 71.5-134 mg/ky Analyzed By: AC Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	< 0.300 08/07/2023 ND 104 % 71.5-134 mg/ky Analyzed By: AC Result Reporting Limit Analyzed By: MS % Recovery Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	< 0.300 08/07/2023 ND 104 % 71.5-134 mg/ky Analyzed By: AC Result Reporting Limit Analyzed Nethod Blank BS % Recovery True Value QC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	< 0.300 08/07/2023 ND 104

Applyzod By: MC

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Celey & Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

RTFY 8021R

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 7 (0-1') (H234046-25)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	0.071	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	176	88.1	200	7.43	
DRO >C10-C28*	124	10.0	08/05/2023	ND	170	84.8	200	5.24	
EXT DRO >C28-C36	58.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 7 (1.5') (H234046-26)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

mg/kg

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 7 (2') (H234046-27)

Project Name:

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

Analyzed By: MS

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 8 (0-1') (H234046-28)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	0.138	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	0.348	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	0.405	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	0.890	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.8	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	105	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	21.6	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 8 (1.5') (H234046-29)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

mg/kg

Project Name: DURA Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 8 (2') (H234046-30)

BTEX 8021B

	9,	9	7	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Analyzed By: MS

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

08/07/2023 DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 9 (0-1') (H234046-31)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	< 0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	50.1	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	11.7	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 9 (1.5') (H234046-32)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

ma/ka

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 9 (2') (H234046-33)

Project Name:

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keine



Notes and Definitions

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

ecovery.

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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Celeg D. Freene

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Date/Time	Received by (Signature)	Rece	Time	Date/Time				y: (Signature)	Relinquished by: (Signature)		7
		monaresources.com	Conner Moehring / Cmoehring@carmonaresou	ing / Cmo	ner Moehr	and Con	sources.com	na@carmonare	rmona / Mcarmo	il to Mike Car	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and
			×	1 ×	G		×		7/28/2023	(4")	T-2 (4")
			×	^ ×	G		×		7/28/2023	(3')	T-2 (3')
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			×	1 ×	G		×		7/28/2023	T-2 (0-1')	T-2 (
		J. C.	×	1 ×	G		×		7/28/2023	(4')	T-1 (4")
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			×	×	G		×		7/28/2023	T-1 (0-1')	T-1 (
Sample Comments	Sa		TPI	# of Cont	Grab/ #	Water	Soil	Time	Date	entification	Sample Identification
NaOH+Ascorbic Acid: SAPC	NaCH+2		1 80		1	-	rature:	Corrected Temperature:	1		Total Containers:
Zn Acetate+NaOH: Zn	Zn Aceta			E	1,60	-4,	ding:	Temperature Reading:	No WIA	als: Yes	Sample Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃	Na ₂ S ₂ O ₃		_		1	1		Correction Factor.	No		Cooler Custody Seals:
*: NABIS	NaHSO4: NABIS		RO 4	Y 80:		140		Thermometer ID:	es		Received Intact:
Ŧ	H ₃ PO ₄ : HP	4			o	(Yes)	Wet Ice:	Yes (No	Temp Blank:		SAMPLE RECEIPT
n ₂ Naon. Na	T2S04. T2			ers							PO#
	HCL: HC		MRC						GPJ		Sampler's Name:
<u> </u>	Cool: Cool)		TAT	Standard TAT	Due Date:		Eddy County, New Mexico	Ed	Project Location
IO DI Water: H ₂ O	None: NO			Code	0.3	Rush	Routine		2098		Project Number:
Preservative Codes	-	ANALYSIS REQUEST			o.	Turn Around	Turn	ed #3	Durango Williams B Fed #3	Dur	Project Name:
Other:	Deliverables: EDD		n.com	midstrean	@durangomidstream.com	gcarrasco	Email:		23	432-813-6823	Phone:
_RRPLevel IV	Level III LIST/UST		Artesia, NM 88210	Artes	ZIP:	City, State ZIP			79701	Midland, TX 79701	City, State ZIP:
		ch Rd.	288 W. Kincaid Ranch Rd.	288 V		Address:			St Ste 500	310 W Wall St Ste 500	Address:
RC perfund	ST ☐PRP ☐ rownfields		Durango Midstream	Durar	Name:	Company Name			esources	Carmona Resources	Company Name:
nts	Work Order Comments		Lupe Carrasco	Lupe	ferent)	Bill to: (if different)			iti i	Clinton Merritt	Project Manager:
eor4	rage										
15404	Work Order No: //										
		У	Chain of Custody	n of (Chai						

Committee of the Commit	Relinquished by: (Signature				Comments: Email to Mike Carmona / Mcarmona@carmo	111		T-5 (2') 7/28/2023	T-5 (1.5') 7/28/2023	T-5 (0-1") 7/28/2023	T-4 (2') 7/28/2023	T-4 (1.5') 7/28/2023	T-4 (0-1') 7/28/2023	T-3 (2") 7/28/2023	T-3 (1.5') 7/28/2023	T-3 (0-1') 7/28/2023	Sample Identification Date Time	Total Containers: Corrected I	Seals: Yes No N/A	Yes No (N/A)	Yes No	Blank:	DI E DECEIDT			Project Location Eddy County, New Mexico	97.	Project Name: Durango Williams B Fed #3	Phone: 432-813-6823	City, State ZIP: Midland, TX 79701	Address: 310 W Wall St Ste 500	Company Name: Carmona Resources	Project Manager: Clinton Werritt			
	re)				Mcarmona@carmonaresources.com and Conner Moenring	;	×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	e Reading:	actor:	er ID:	Wet ice:				Due Date:	✓ Routine	Turn /	Email:							
					and Conner Mo		G	G	G	G	G	G	G	G	G	G	Water Comp		-4,00	1111	140	Tes No	No.			Standard TAT	Rush	Turn Around	gcarrasco@dura	City, State ZIP:	Address:	Company Name:	BIII to: (if different)	Bill to: of different)	<u> </u>	5
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maniple	Marinos	, Do			armonaresources.com																							ANALYSIS REQUEST			anch Rd.	В			3	N
Change St	Received by Mighanile					 - -																						QUEST	Deliverables: EDD	Level		ST PRP		Work Orde	Work Order No:	
	Date/Illie	Date∕Time															Sample Comments	Traction for the control of the cont	NaOH+Acceptic Acid: SABC	Za Apptato Nigoti Za	Nario C4. Naco	NGLOO : NADIO	H ₂ PO ₂ : HP	H ₂ S0 ₄ : H ₂ NaOH: Na	HCL: HC HNO3: HN	Cool: Cool MeOH: Me	None: NO DI Water: H ₂ O	Preservative Codes	ADar Omer:	LAKE LEAGE IN		rownfields RC perfund		Work Order Comments	Page 37 of 3	20

	Sec.	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	T-8 (2')	T-8 (1.5')	T-8 (0-1')	T-7 (2')	T-7 (1.5')	T-7 (0-1')	T-6 (3')	T-6 (2')	T-6 (1.5')	T-6 (0-1')	Sample Identification	Total Containers:	Sample Custody Seals:	Sample Custody Seals:	Cooley Chatada Carl	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:	
	3 -	to Mike Carm	2")	.5")	1)	2")	.5')	1)	3')	2')	.5')	-1")	itification		IIS: Yes			+				Eddy		Duran	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt	
	Relinquished by: (Signature)	ona / Mcarmo	7/28/2023	7/28/2023	7/28/2023	7/28/2023	7/28/2023	7/28/2023	7/28/2023	7/28/2023	7/28/2023	7/28/2023	Date		No CN/A	No	B 0	PS NO	Temp Blank:		GPJ	Eddy County, New Mexico	2098	Durango Williams B Fed #3		9701	t Ste 500	ources		
X	/: (Signature)	na@carmonar											Time	Corrected Temperature:	Temperature Reading:	Correction Factor.		Thermometer ID:	Yes			/lexico		-ed #3						
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		and Con											Water	1	-4.00c	1	17	100	Yac			Standard TAT	Rush	Turn Around	Email: gcarrasco	City, State ZIP:	Address:	Company Name	Bill to: (if different)	
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	Date/Time												Sample Comments	NaOH+Ascorbic Acid: SAPC	nZ:HOE	0	Ü	5		NaO	HNO	MeO	DIV	Preservative Codes	ň					3 of
	ime												ents	SAPC						NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	odes		Level IV		perfund		
				Ш		Ш																_	0							Page 38

Company Name:

310 W Wall St Ste 500 Carmona Resources Clinton Merritt

Address: Company Name: Bill to: (if different)

288 W. Kincaid Ranch Rd. Durango Midstream Lupe Carrasco

State of Project:

Program: UST/PST PRP prownfields RC

perfund

Work Order Comments

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Chain of Custody

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Per	2			omments: Email to Mike Carmona / Mcarmona@carmonaresources com and Conner Moehring / Concehring@carmona								T-9 (2')	T-9 (1.5')	T-9 (0-1')	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:
3				I to Mike Car								(2')	1.5')	0-1')	ntification		als: Yes						Ed		Dur	432-813-6823	Midland, TX 79701
you	Relinquished			mona / Mcarm								7/28/2023	7/28/2023	7/28/2023	Date		No YN/A	Yes No (N/A)	(Yes) No	Temp Blank:		GPJ	Eddy County, New Mexico	2098	Durango Williams B Fed #3	23	79701
2	Relinquished by: (Signature)	7		lona@carmon											Time	Corrected Temperature	Temperature Reading:	Correction Factor	Thermometer ID:	Yes No			v Mexico		B Fed #3		
)				aresources co								×	×	×	Soil	mperature:	Reading:	ctor:	ID:) Wet Ice:			Due Date:	✓ Routine	7	Em	
				m and Con											Water		-4,	(746	(Yes) No			Standard TAT	Rush	Turn Around	Email: gcarrasco@durangomidstream.com	City, State ZIP:
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	D														ample Co	Ascorbic	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	퓻	<u>.</u>	n	00	ō	eservati	Other:	RRP
	Date/Time														Sample Comments	NaOH+Ascorbic Acid: SAPC	վ։ Zn				NaOH: Na	HNO. HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes		Level IV

Work Order No:

Page 39 of 39



August 07, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: DURANGO WILLIAMS B FED #3

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 11:35.

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

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

Project Name: DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 1 (0-0.5') (H234047-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 2 (0-0.5') (H234047-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	18						

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Celeg D. Frene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: H - 3 (0-0.5') (H234047-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	6 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 4 (0-0.5') (H234047-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	0.097	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	0.149	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

Project Name: DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 5 (0-0.5') (H234047-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	0.136	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.7	2.00	0.325	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	99.0	2.00	1.44	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.99	99.8	6.00	0.831	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 6 (0-0.5') (H234047-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	1.90	94.9	2.00	5.09	
Toluene*	<0.050	0.050	08/06/2023	ND	1.81	90.6	2.00	5.29	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.81	90.6	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.28	87.9	6.00	6.17	
Total BTEX	<0.300	0.300	08/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	117 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

EDDY COUNTY, NEW MEXICO Project Location:

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: H - 7 (0-0.5') (H234047-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	1.90	94.9	2.00	5.09	
Toluene*	<0.050	0.050	08/06/2023	ND	1.81	90.6	2.00	5.29	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.81	90.6	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.28	87.9	6.00	6.17	
Total BTEX	<0.300	0.300	08/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 %	6 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Reported: 08/07/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 07/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 8 (0-0.5') (H234047-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	1.90	94.9	2.00	5.09	
Toluene*	<0.050	0.050	08/06/2023	ND	1.81	90.6	2.00	5.29	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.81	90.6	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.28	87.9	6.00	6.17	
Total BTEX	<0.300	0.300	08/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	162	81.2	200	2.28	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	172	85.8	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	18						

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Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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O W Wall St Sie 500	ALYSIS REQU	310 W Wall St Ste 500	Company Name: Carr	Carmona Resources			Bill to: (if different) Company Name:		Lupe Carrasco Durango Midst	rasco Midstream		Work Order Comments
Midland, TX 79701 City, Standard TAT City, Standard TAT City, Standard TAT Code C	ALYSIS REQU	ALYSIS REQU		W Wall St Ste 500			Address.		Dulaiiyu	Midsheam		Program: UST/PST PRP rownfields RC
A32-813-8823	ALYSIS REQU	ALYSIS REQU	e ZIP:	and, TX 79701			City, State ZIP:		Artesia, N	IM 88210	200	Reporting:Lev
Durango Williams B Fed #3 Turn Around ANALYSIS REQUIRED	ALYSIS REQU	ALYSIS REQU		813-6823		Emai	l: gcarrasco@du	rangomids	tream.co	m		Deliverables:
Eddy County, New Mexico Due Date: Standard TAT Code		S.com	roject Name:	Durango William	s B Fed #3	Turi	n Around					TOT
Eddy County, New Mexico Due Date: Standard TAT Standard TA	EECEIPT Temp Blank: Yes Mo Wet los: (Yes) No Thermonnels: Due Date: Standard TAT	S.COM	roject Number:	2098		Routine	Rush	Pres.	_			
CEIPT Temp Blank: Yes NO Wet Ice: Yes No No Thermometer ID: Wet Ice: Yes No No Thermometer ID: Wet Ice: Yes No No No No No No No No	RECEIPT Temp Blank: Yes No Wet los: Yes No Yes No Yes No Yes No Yes Yes No Yes Yes No Yes Yes No Yes No Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes Yes No Yes Ye	S.Com	roject Location	Eddy County, N	lew Mexico	Due Date:	Standard TAT		+		-	<u> </u>
CEIPT Temp Blank:	Temp Blank Yes MO Wet los: Yes No	S.COM S.COM	ampler's Name:	GPJ					RO)			
CEIPT Temp Blank: Yes No Wet Ice: Cyes No Wet Ice: Yes No Yes	Temp Blank: Yes No Thermofreter ID: Yes No Thermofreter ID: Yes No Yes No Thermofreter ID: Yes No Ye	s.com	Ŏ#:					S	+ MF			
Para	Ces No Thermoheter D:	s.com	AMPLE RECEIPT	Temp Blank:		Wet Ice:		eters				
Seals: Yes No (N/A) Correction Factor: Acres (GR) Seals: Yes No (N/A) Correction Factor: — 44.65 Seals: Yes No (N/A) Temperature Reading: — 44.65 Seals: Yes No (N/A) Temperature Reading: — 44.65 Corrected Temperature: Soil Water Comp Cont Forable Work (0-0.5') 7/28/2023 X G 1 X X (0-0.5') 7/28/2023 X G 1 X X <tr< td=""><td> Y Seals: Yes No NA Correction Factor Yes No NA Correction Factor Yes No NA Temperature Reading: </td><td>s.com</td><td>Intact:</td><td>Wes No</td><td>Thermometer</td><td>T</td><td></td><td>ame</td><td>_</td><td></td><td></td><td></td></tr<>	Y Seals: Yes No NA Correction Factor Yes No NA Correction Factor Yes No NA Temperature Reading:	s.com	Intact:	Wes No	Thermometer	T		ame	_			
Seals: Yes No M/A Temperature Reading: -41/62	A	s.com	stody Seals:	No G	Correction Fac	itor.	140	Para				
Corrected Temperature: Soil Water Grab/ # of Example Compound Cont Compound Cont Example Compound Cont Example Compound Cont Example Compound Cont Example Cont Compound Cont	Cornected Temperature:	s.com	tody Seals:	No		Reading:	-4.60					
Date Time Soil Water Comp Grab/ Comp # of Comp E Comp 7/28/2023 X G 1 X X	Fig.	s.com	ners:	1		perature:	(.		8015			
7/28/2023 X G 1 X X	-1 (0-0.5) 7/28/2023 X	s.com	le Identificat			Soil			TPH			
7/28/2023 X G 1 X X	1-2 (0-0.5') 7/28/2023 X	s.com	H-1 (0-0.5")	7/28/20:	23	×	G	\dashv	+	+	-	1
7/28/2023 X G 1 X X	-3 (0-0.5) 7/28/2023 X	s.com	H-2 (0-0.5')	7/28/20:	23	×	G		+	+		1
7/28/2023 X G 1 X X	-4 (0-0.5)	s.com	H-3 (0-0.5')	7/28/202	23	×	G	_	+	+		
7/28/2023	-5 (0-0.5) 7/28/2023 X G 1 X X X X X -6 (0-0.5) 7/28/2023 X G 1 X X X X X -7 (0-0.5) 7/28/2023 X G 1 X X X X -8 (0-0.5) 7/28/2023 X G 1 X X X X -8 (0-0.5) 7/28/2023 X G 1 X X X X -9 (0-0.5) 7/28/2023 X G 1 X X X X -9 (0-0.5) 7/28/2023 X G 1 X X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X G 1 X X X -9 (0-0.5) 7/28/2023 X X -9 (0-0.5) 7/28/2023 X X -9 (0-0.5) 7/28/2023 X -9 (0-0.5) 7/28/2023 X -9 (0-0.5) 7/28/2023	S.com	H-4 (0-0.5')	7/28/202	23	×	G		-	×		1
7/28/2023	-6 (0-0.5) 7/28/2023 X G 1 X X X X X X	s.com	H-5 (0-0.5')	7/28/202	23	×	9	-	-	×		-
7/28/2023	-7 (0-0.5) 7/28/2023	s.com	H-6 (0-0.5')	7/28/202	23	×	6	1	\dashv	×		
7/28/2023 X G 1 X X	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	s.com	H-7 (0-0.5')	7/28/202	23	×	G	1		×		1
	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	s.com	H-8 (0-0.5')	7/28/202	23	×	G	1	\vdash	×		-
	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	s.com										
	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	s.com		_					_			

Page 11 of 11

Work Order No: H234047



September 12, 2023

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

RE: DURANGO WILLIAMS B FED #3

Enclosed are the results of analyses for samples received by the laboratory on 09/07/23 16:35.

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

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 09/07/2023 Reported:

09/12/2023 DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (1.5') (H234865-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

A ... - L ... - - - I D. .. MC

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (1.5') (H234865-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	11.1	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	107 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (1.5') (H234865-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	11.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145	% 49.1-14	'8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (1.5') (H234865-04)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (1.5') (H234865-05)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2023	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	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

09/12/2023 DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (1.5') (H234865-06)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2023	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	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

DURANGO - EDDY CO, NEW MEXICO Project Location:

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (1.5') (H234865-07)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
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	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	31.9	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	18						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

09/12/2023 Samp DURANGO WILLIAMS B FED #3 Samp

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (1.5') (H234865-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/08/2023	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	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (1.5') (H234865-09)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.81	90.6	2.00	5.83	
Toluene*	<0.050	0.050	09/08/2023	ND	1.84	92.0	2.00	5.75	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	1.86	92.9	2.00	5.64	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	5.65	94.2	6.00	5.19	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2023	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	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (1.5') (H234865-10)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (1.5') (H234865-11)

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	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
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	09/08/2023	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	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (1.5') (H234865-12)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/08/2023	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	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (1.5') (H234865-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						
-									

Applyzod By: 1H /

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (1.5') (H234865-14)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	111 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

Analyzed By: JH/

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (1.5') (H234865-15)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (1.5') (H234865-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	< 0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	103 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (1.5') (H234865-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	< 0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	110 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1 - 14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 18 (1.5') (H234865-18)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
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	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (1.5') (H234865-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (1.5') (H234865-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	QR-03
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

 09/07/2023
 Sampling Date:
 09/06/2023

 09/12/2023
 Sampling Type:
 Soil

Project Name: DURA Project Number: 2098

DURANGO WILLIAMS B FED #3 Sampling Condition: Cool & Intact
2098 Sample Received By: Tamara Oldaker

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sample ID: CS - 21 (1.5') (H234865-21)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
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	09/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

Analyzed By: JH/

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 22 (1.5') (H234865-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	113 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 23 (1.5') (H234865-23)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 24 (1.5') (H234865-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	< 0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	< 0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	6 71.5-13	4						
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	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	101 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 %	6 49.1-14	8						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 25 (1.5') (H234865-25)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Number: 2098

Project Name:

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (1.5') (H234865-26)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	34						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	20.8	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	74.0	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	18						
Surroguie. 1-Chioroocidaecane	01.1	/0 49.1-14	·o						

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Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (1.5') (H234865-27)

Benzene* <0.050 0.050 0.9/08/2023 ND 1.91 95.3 2.00 2.11	BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Toluene*	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* < 0.050	Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Total Xylenes* <0.150 0.150 09/08/2023 ND 6.03 100 6.00 0.072 Total BTEX <0.300	Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Total BTEX	Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Surrogate: 4-Bromofluorobenzene (PID 113 % 71.5-134 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS MS Recovery True Value QC RPD MS Chloride 32.0 16.0 09/08/2023 ND 432 108 400 7.69 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS MS Recovery True Value QC RPD MS ND 207 103 200 6.76 GRO C6-C10* <10.0 10.0 09/08/2023 ND 207 103 200 6.76	Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD Analyzed By: MS Chloride 32.0 16.0 09/08/2023 ND 432 108 400 7.69 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD Analyzed Recove	Total BTEX	<0.300	0.300	09/08/2023	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 09/08/2023 ND 432 108 400 7.69 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 09/08/2023 ND 207 103 200 6.76 DRO >C10-C28* 27.8 10.0 09/08/2023 ND 211 106 200 8.38 EXT DRO >C28-C36 <10.0 10.0 09/08/2023 ND Surrogate: 1-Chlorooctane 101% 48.2-134	Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	14						
Chloride 32.0 16.0 09/08/2023 ND 432 108 400 7.69 TPH 8015M mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 09/08/2023 ND 207 103 200 6.76 DRO >C10-C28* 27.8 10.0 09/08/2023 ND 211 106 200 8.38 EXT DRO >C28-C36 <10.0 10.0 09/08/2023 ND Surrogate: 1-Chlorooctane 101 % 48.2-134	Chloride	32.0	16.0	09/08/2023	ND	432	108	400	7.69	
GRO C6-C10* <10.0 10.0 09/08/2023 ND 207 103 200 6.76 DRO >C10-C28* 27.8 10.0 09/08/2023 ND 211 106 200 8.38 EXT DRO >C28-C36 <10.0 10.0 09/08/2023 ND Surrogate: 1-Chlorooctane 101% 48.2-134	TPH 8015M	mg	/kg	Analyze	ed By: MS					
DRO >C10-C28* 27.8 10.0 09/08/2023 ND 211 106 200 8.38 EXT DRO >C28-C36 <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 09/08/2023 ND Surrogate: 1-Chlorooctane 101 % 48.2-134	GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
Surrogate: 1-Chlorooctane 101 % 48.2-134	DRO >C10-C28*	27.8	10.0	09/08/2023	ND	211	106	200	8.38	
	EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctadecane 113 % 49.1-148	Surrogate: 1-Chlorooctane	101	% 48.2-13	14						
	Surrogate: 1-Chlorooctadecane	113	% 49.1-14	18						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (1.5') (H234865-28)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	26.6	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (1.5') (H234865-29)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.91	95.3	2.00	2.11	
Toluene*	<0.050	0.050	09/08/2023	ND	1.91	95.5	2.00	1.46	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.02	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.03	100	6.00	0.0729	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	20.4	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (1.5') (H234865-30)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.98	99.2	2.00	3.78	
Toluene*	<0.050	0.050	09/08/2023	ND	2.24	112	2.00	1.35	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.30	115	2.00	1.95	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.95	116	6.00	3.18	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (1.5') (H234865-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.98	99.2	2.00	3.78	
Toluene*	<0.050	0.050	09/08/2023	ND	2.24	112	2.00	1.35	
Ethylbenzene*	< 0.050	0.050	09/08/2023	ND	2.30	115	2.00	1.95	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.95	116	6.00	3.18	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	70.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (1.5') (H234865-32)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.98	99.2	2.00	3.78	
Toluene*	<0.050	0.050	09/08/2023	ND	2.24	112	2.00	1.35	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.30	115	2.00	1.95	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.95	116	6.00	3.18	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/07/2023 Reported: 09/12/2023

DURANGO WILLIAMS B FED #3

Project Name: DURA Project Number: 2098

Project Location: DURANGO - EDDY CO, NEW MEXICO

Sampling Date: 09/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (1.5') (H234865-33)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2023	ND	1.98	99.2	2.00	3.78	
Toluene*	<0.050	0.050	09/08/2023	ND	2.24	112	2.00	1.35	
Ethylbenzene*	<0.050	0.050	09/08/2023	ND	2.30	115	2.00	1.95	
Total Xylenes*	<0.150	0.150	09/08/2023	ND	6.95	116	6.00	3.18	
Total BTEX	<0.300	0.300	09/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/08/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	103	200	6.76	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	211	106	200	8.38	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	137	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	148	% 49.1-14	8						

Applyzod By: 14

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Celey & Keene



Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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Celeg D. Keene

- Just work

	₹ 0	1		nents: Email	CS-10 (1.5")	CS-9 (1.5')	CS-8 (1.5')	CS-7 (1.5')	CS-6 (1.5')	CS-5 (1.5')	CS-4 (1.5')	CS-3 (1.5')	CS-2 (1.5')	CS-1 (1.5')	Sample Identification	Contract of Co.	ontainers	e Custody Seals:	Custody Seals:	ed Intact:	PLE RECEIPT		er's Name:	t Location	t Number:	t Name:		tate ZIP:	SS:		t Manager:					
* 8	Main U	1		to Mike Carn	1.5')	.5')	.5")	.5")	.5')	.5")	.5')	.5')	.5')	.5')	ification			Yes	Yes	X				Eddy		Duran	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt					
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			Relinquished by: (Signature)	ona@carmon											Time		Corrected Tem	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			Mexico		Fed #3										
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		Comments: Ema					SW-8	SW-7	SW-6	Sample Id	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Number:	Tioject Ivallie.	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:			

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APPENDIX F

CARMONA RESOURCES

(27)

BLM Serial #:

Company Reference:

3.2 Seed Mixture for LPC Sand/Shinnery Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be <u>no</u> primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains Bristlegrass	5lbs/A
Sand Bluestem	5lbs/A
Little Bluestem	3lbs/A
Big Bluestem	6lbs/A
Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

^{*}Pounds of pure live seed: Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed



MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

+ Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
LN	Largo-Stony land complex, 0 to 25 percent slopes	0.7	100.0%
Totals for Area of Interest		0.7	100.0%

Eddy Area, New Mexico

LN—Largo-Stony land complex, 0 to 25 percent slopes

Map Unit Setting

National map unit symbol: 1w50 Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Largo and similar soils: 41 percent

Stony land: 40 percent

Minor components: 19 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Largo

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Calcareous alluvium

Typical profile

H1 - 0 to 4 inches: loam H2 - 4 to 47 inches: silt loam H3 - 47 to 65 inches: loam

Properties and qualities

Slope: 1 to 5 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

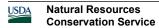
mmhos/cm)

Available water supply, 0 to 60 inches: High (about 10.0 inches)

Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B



Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 7 percent

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Largo

Percent of map unit: 6 percent

Ecological site: R070BC017NM - Bottomland

Hydric soil rating: No

Pajarito

Percent of map unit: 6 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023

(27)

BLM Serial #:

Company Reference:

3.2 Seed Mixture for LPC Sand/Shinnery Sites

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Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

^{*}Pounds of pure live seed: Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed

If any parts are mise:

Bamert Seed Company Inc.

Dorango molskan

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

Durango Midstream BLM LPC Blend Broadcast Rate

Lot/Sales # SO-79844

Kind & Variety	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem Big, "Kaw" (Andropogon gerardii)	24.65%	86.00%	5.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	11.93%	75.00%	19.00%	0.00%	TX
Bluestem, Sand "Chet" (Andropogon hallii)	19.27%	92.00%	5.00%	0.00%	TX
Bristlegrass Plains, (Setaria vulpiseta)	19.08%	24.00%	74.00%	0.00%	OK
Coreopsis, "Plains" (Coreopsis Tinctoria)	7.70%	97.00%	0.00%	0.00%	OR
Dropseed, Sand (Sporobolus cryptandrus)	3.85%	2.00%	95.00%	0.00%	TX

Purity: 86.48%

Inert Matter: 10.24%

Other Crop Seed: 3.19%

Weed Seed: 0.02%

Noxious Weed Seed Per/Lb: None

Test Date: 08/2023

Net Wt: 13.7 lbs

Willams B Fed #3

Lobos Skelly 18"

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

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 277484

CONDITIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	277484
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2322332538 ABO-WILLIAMS B FED 3-8-P-08102023, thank you. This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation including pictures of the contoured backfilled excavation surface and a thorough discussion on reseeding mixture, vegetation ratio, timelines, etc, will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	2/23/2024
rhamlet	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing if the back fill is coming from a rancher's pit or other local source AND/OR proof from the landfill/landfarm that their backfill is non-waste containing; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	2/23/2024