



SITE INFORMATION

Closure Report
Blueberry HGB Roll-Off Overfill
Incident ID: NAPP2409552203
Lea County, New Mexico
Unit P Sec 24 T21S R33E
32.458926°, -103.519602°

Produced Water Release
Point of Release: Roll-Off Tank Overfill
Release Date: 04/03/24
Volume Released: 12 Barrels of Produced Water
Volume Recovered: 8 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Goodnight Midstream
11612 Tower Road
Midland, TX 79707

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



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May 9, 2024

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

**Re: Closure Report
Blueberry HGB Roll-Off Overfill
Goodnight Midstream
Incident # NAPP2409552203
Site Location: Unit P, S24, T21S, R33E
(Lat 32.458926°, Long -103.519602°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Goodnight Midstream, Carmona Resources, LLC has prepared this letter to document site activities for the Blueberry HGB Roll-Off Overfill. The site is located at 32.458926°, -103.519602° within Unit P, S24, T21S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial Notice of Release (NOR) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 3, 2024, caused by a roll-off tank overflow. It resulted in the release of twelve (12) barrels of produced water, with eight (8) barrels of produced water recovered. Refer to Figure 3. The Notice of Release form is attached in Appendix B.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known water source is within a 0.50-mile radius of the location. The well is located approximately 0.06 miles Northwest of the site in S24, T21S, R34E, and was drilled in 2021. The well has a reported depth to groundwater of 128.8' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix C.

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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO +DRO).
- Chloride: 20,000 mg/kg.

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



4.0 Site Assessment Activities

On April 12, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of two (2) trenches (T-1 and T-2), three (3) horizontals (H-1 through H-3), and two (2) background (Pad Background and Pasture Background) samples were advanced to depths ranging from the surface to 4' bgs within and surrounding the release area to assess the vertical and horizontal extent of the contamination. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to 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 DE

Vertical delineation was achieved utilizing a backhoe. See Table 1 for the analytical results.

5.0 Remediation Activities

On April 12, 2024, Carmona Resources was on site to conduct excavation activities, and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD web portal on April 10, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of seven (7) confirmation floor samples (CS-1 through CS-7) and nine (9) sidewall samples (SW-1 through SW-9) were collected every 200 square feet to ensure the proper removal of the contaminated soils. 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. All collected samples were analyzed for TPH 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. Refer to Table 2.

On April 23, 2024, Carmona Resources was on site to conduct additional excavation activities and re-collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD web portal on April 19, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of seven (7) confirmation floor samples (CS-1 through CS-7) and nine (9) sidewall samples (SW-1 through SW-9) were collected every 200 square feet to ensure the proper removal of the contaminated soils. 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. All collected samples were analyzed for TPH 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 reclamation and regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

Approximately 200 cubic yards of material were excavated and transported offsite for proper disposal.

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6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

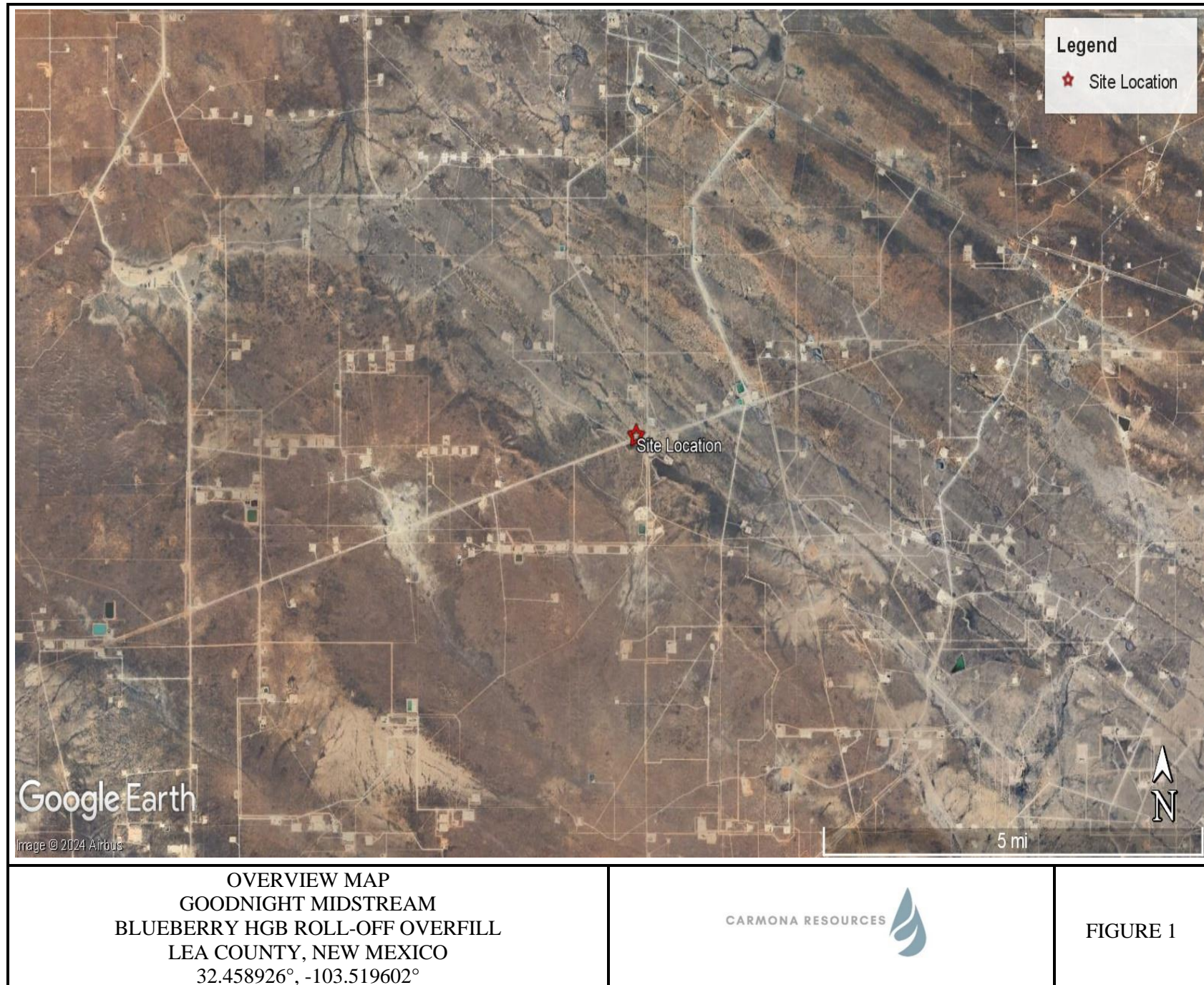
Conner Moehring
Sr. Project Manager

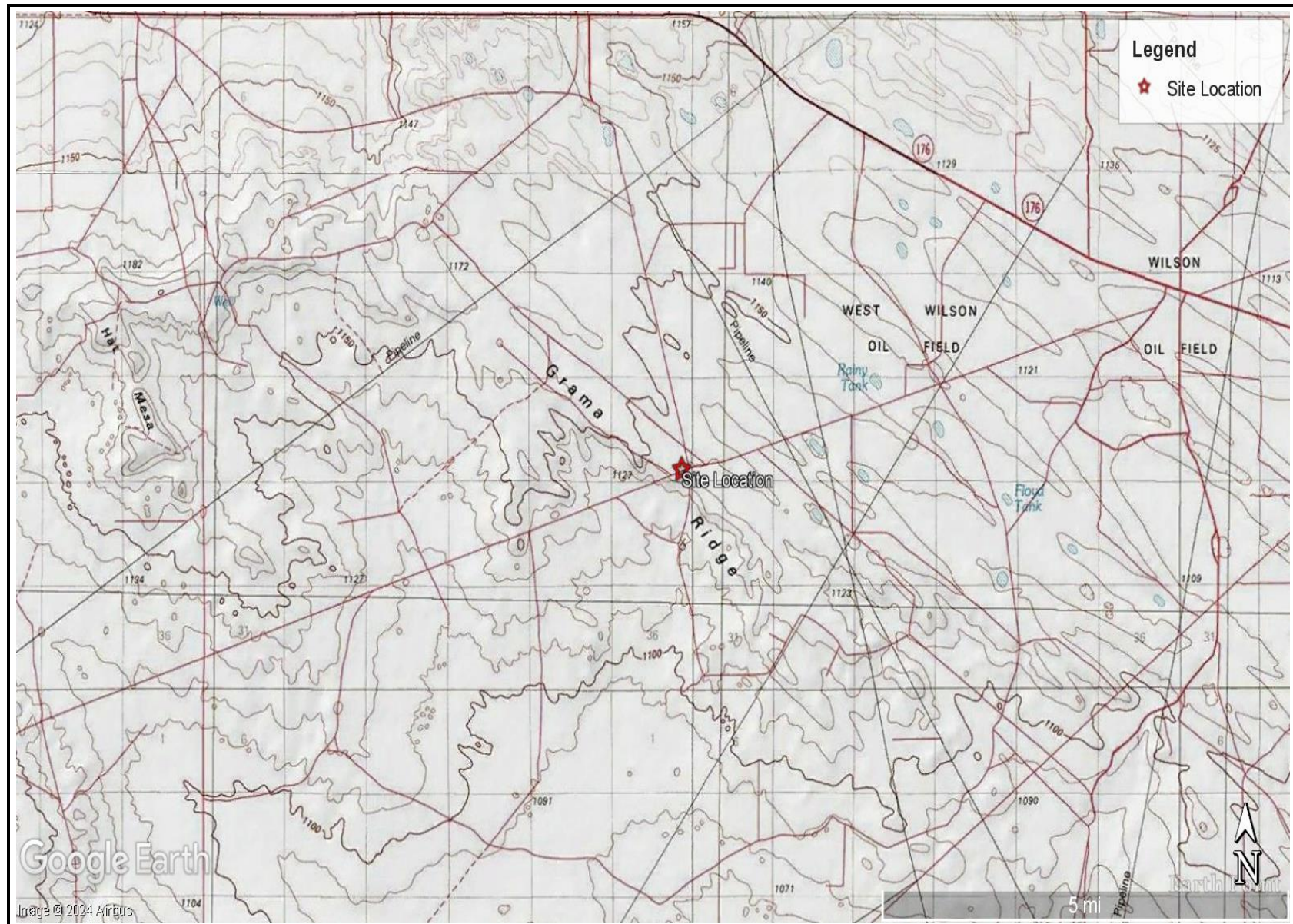
Devin Dominguez
Sr. Project Manager

FIGURES

CARMONA RESOURCES





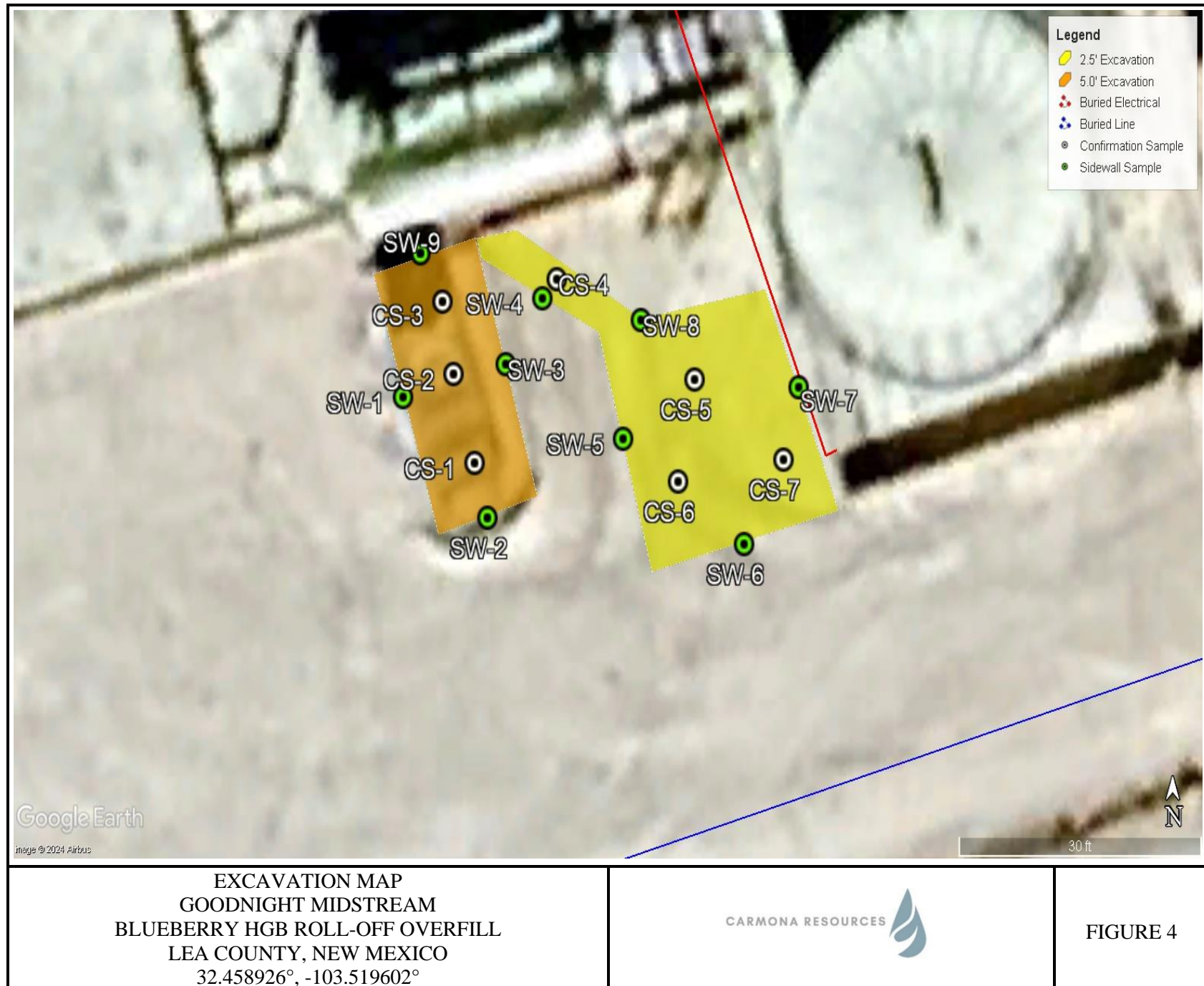


TOPOGRAPHIC MAP
GOODNIGHT MIDSTREAM
BLUEBERRY HGB ROLL-OFF OVERFILL
LEA COUNTY, NEW MEXICO
32.458926°, -103.519602°



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
Goodnight Midstream
Blueberry Facility
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	4/12/2024	1.0	1,240	8,620	1,610	11,470	9.67	51.6	18.5	48.8	128	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	0.091	<0.050	<0.150	<0.300	16.0
T-2	4/12/2024	1.0	2,100	12,900	2,510	17,510	16.1	55.5	17.6	50.8	140	112
	"	2.0	303	3,680	745	4,728	1.28	8.45	4.32	14.2	28.3	192
	"	3.0	<10.0	185	23.4	208	<0.050	0.072	<0.050	<0.150	<0.300	224
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-1	4/12/2024	0-5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
H-2	4/12/2024	0-5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-3	4/12/2024	0-5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Pad Background	4/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Pasture Background	4/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(T) Trenches

(H) Horizontal Sample

Removed

Table 2
Goodnight Midstream
Blueberry Facility
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	4/12/2024	1.0	11.6	675	128	814.6	0.059	0.339	0.209	0.698	1.31	288
	4/23/2024	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-2	4/12/2024	1.0	2,900	21,500	3,910	28,310	17.7	85.8	29.0	81.4	214	128
	4/23/2024	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-3	4/12/2024	1.0	2,780	18,400	3,420	24,600	30.1	127	37.4	103	298	128
	4/23/2024	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-4	4/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	0.116	0.180	<0.050	<0.150	<0.300	128
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-5	4/12/2024	0.5	234	4,940	922	6,096	0.373	4.39	2.76	8.54	16.1	16.0
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-6	4/12/2024	0.5	300	5,750	1,090	7,140	0.420	4.74	3.06	9.29	17.5	32.0
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-7	4/12/2024	0.5	<10.0	131	29.5	160.5	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample


 Removed

Table 2
Goodnight Midstream
Blueberry Facility
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	4/12/2024	1.0	<10.0	33.0	<10.0	33.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	4/23/2024	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	4/12/2024	1.0	<10.0	716	209	925	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	4/23/2024	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-3	4/12/2024	1.0	<10.0	648	209	857	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	4/23/2024	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-4	4/12/2024	0.5	<10.0	29.2	<10.0	29.2	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-5	4/12/2024	0.5	<10.0	746	216	962	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-6	4/12/2024	0.5	<10.0	1,300	431	1,731	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-7	4/12/2024	0.5	<10.0	46.9	17.5	64.4	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-8	4/12/2024	0.5	<10.0	113	20.6	133.6	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	4/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-9	4/12/2024	1.0	<10.0	104	15.3	119.3	<0.050	<0.050	<0.050	<0.150	<0.300	112
	4/23/2024	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 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

 Removed

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Goodnight Midstream

Photograph No. 1

Facility: Blueberry HGB Roll-Off Overfill

County: Lea County, New Mexico

Description:

View North, area of CS-1, CS-2 and CS-3.



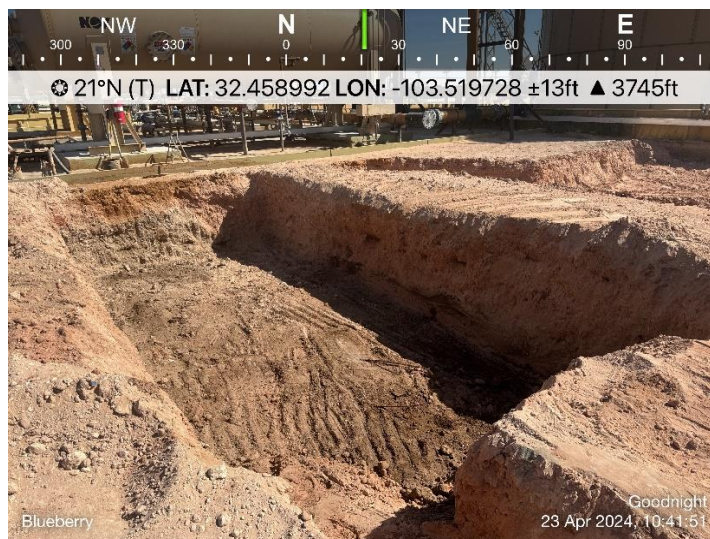
Photograph No. 2

Facility: Blueberry HGB Roll-Off Overfill

County: Lea County, New Mexico

Description:

View North, CS-1, CS-2 and CS-3.



Photograph No. 3

Facility: Blueberry HGB Roll-Off Overfill

County: Lea County, New Mexico

Description:

View North, area of CS-4 and CS-5.



PHOTOGRAPHIC LOG

Goodnight Midstream

Photograph No. 4

Facility: Blueberry HGB Roll-Off Overfill

County: Lea County, New Mexico

Description:

View Southeast, area of CS-5 through CS-7.



Photograph No. 5

Facility: Blueberry HGB Roll-Off Overfill

County: Lea County, New Mexico

Description:

View Northeast, area of CS-5 through CS-7.



APPENDIX C

CARMONA RESOURCES



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

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

QUESTIONS

Action 330207

QUESTIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 330207
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BLUEBERRY HGB ROLL OFF OVERFILL
Date Release Discovered	04/03/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 12 BBL Recovered: 8 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 330207

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 330207
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	Not answered.
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	Not answered.
All free liquids and recoverable materials have been removed and managed appropriately	Not answered.
If all the actions described above have not been undertaken, explain why	Not answered.
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

ACKNOWLEDGMENTS

Action 330207

ACKNOWLEDGMENTS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 330207
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

Action 330207

CONDITIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 330207
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
aurquidi1	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/4/2024

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Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 331839

QUESTIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 331839
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2409552203
Incident Name	NAPP2409552203 BLUEBERRY HGB ROLL OFF OVERFILL @ 0
Incident Type	Produced Water Release
Incident Status	Notification Accepted

Location of Release Source	
Site Name	BLUEBERRY HGB ROLL OFF OVERFILL
Date Release Discovered	04/03/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,207
What is the estimated number of samples that will be gathered	18
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/12/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring (432) 813-6823 or GNM HSE Rep Adrian Urquidi (432)530-9517
Please provide any information necessary for navigation to sampling site	From the intersection of NM176 and CR 27-A, Travel East on NM176 for 2.20 mi. Turn Right onto unnamed Lease Rd and travel South for 3.74 miles. Turn Right onto an unmanned lease road and travel West for 1.57 miles. Turn Right into the facility.

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

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

CONDITIONS

Action 331839

CONDITIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 331839
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
aurquidi1	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/10/2024

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

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

QUESTIONS

Action 335261

QUESTIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 335261
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2409552203
Incident Name	NAPP2409552203 BLUEBERRY HGB ROLL OFF OVERFILL @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
Site Name	BLUEBERRY HGB ROLL OFF OVERFILL
Date Release Discovered	04/03/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,604
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/23/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Conner Moehring @ (432)813-6823 or Adrian Urquidi Goodnight HSE Rep @ (432)530-9517
Please provide any information necessary for navigation to sampling site	From the intersection of NM176 and CR 27-A, Travel East on NM176 for 2.20 mi. Turn Right onto unnamed Lease Rd and travel South for 3.74 miles. Turn Right onto an unmanned lease road and travel West for 1.57 miles. Turn Right into the facility.

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

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

CONDITIONS

Action 335261

CONDITIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 335261
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
aurquidi1	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/19/2024

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ 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: _____ Title: _____

APPENDIX D

CARMONA RESOURCES



Nearest water well

GOODNIGHT MIDSTREAM PERMIAN, LLC

Legend

- 0.06 Miles
- 0.50 Mile Radius
- BLUEBERRY HGB ROLL OFF OVERFILL (04.03.2024)
- NMSEO Water Well

128.8' - Drilled 2021

BLUEBERRY HGB ROLL OFF OVERFILL (04.03.2024)



Low Karst

GOODNIGHT MIDSTREAM PERMIAN, LLC

Legend

- BLUEBERRY HGB ROLL OFF OVERFILL (04.03.2024)
- Low

BLUEBERRY HGB ROLL OFF OVERFILL (04.03.2024)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00600 POD1	CP	LE		2	4	25	21S	33E		639152	3591054*	1279	65		
CP 00765 POD1	CP	LE		3	2	13	21S	33E		638698	3594668*	2378	508		
CP 00766 POD1	CP	LE		3	2	13	21S	33E		638698	3594668*	2378	510		
CP 01887 POD1	CP	LE		2	2	2	35	21S	33E	637492	3590319	2607			
CP 01411 POD1	CP	LE		2	2	34	21S	33E		635968	3590386	3730	1149		
CP 00583	CP	LE			3	21	21S	34E		642944	3592518*	3798	171	128	43
CP 00578	CP	LE		4	3	11	21S	33E		636674	3595445*	3976	165	150	15

Average Depth to Water: **139 feet**

Minimum Depth: **128 feet**

Maximum Depth: **150 feet**

Record Count: 7

UTM NAD83 Radius Search (in meters):

Easting (X): 639150

Northing (Y): 3592333

Radius: 4000

*UTM location was derived from PLSS - see Help


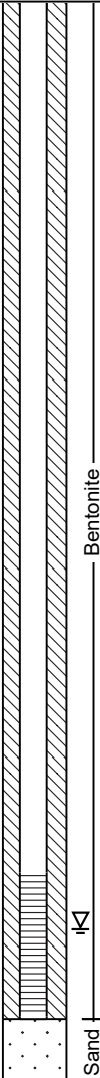



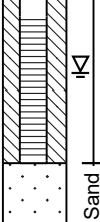
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/8/24 8:19 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Soil Boring/Temporary Monitor Well TMW-1

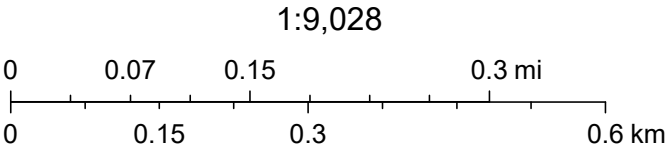
Company: Goodnight Midstream Permian, LLC			Well/Borehole ID: TMW-1	Drilling Company: Scarborough Drilling, Inc.			
Site: Blueberry SWD			Coordinates (NAD 83): 32.459725,-103.520119	Driller: L. Scarborough			
NMOCD Reference #: nRM2010753767			Drilling Date: 9/15/2021	Drilling Method: Air Rotary			
Location: Lea Co., NM			Depth of Boring (ft): 150	Logged By: L. Scarborough			
PLSS: U/L "P" (SE/SE), Sec. 24, T21S, R33E			Depth to Groundwater (ft): 128.8	Drafted By: B. Arguijo			
			Plugging Date: 10/25/2021	Draft Date: 10/29/2021			
Completion: N/A			Casing: N/A	Screen: N/A			
Comments: N/A							
Depth (ft)	Groundwater	Lithology	Material Description	Chloride Field Test	Lab	PID	Well Construction
10			Caliche Topsoil	-	-	-	 Bentonite
20			Caliche	-	-	-	
30				-	-	-	
40			Sandy with rock ledges	-	-	-	
50				-	-	-	
60				-	-	-	
70				-	-	-	
80				-	-	-	
90				-	-	-	
100				-	-	-	
110				-	-	-	
120				-	-	-	
130			Loose sand	-	-	-	 Sand
140				-	-	-	
150				-	-	-	
160			Notes: • Lines between material types represent approximate boundaries. Actual transitions may be gradual. • Due to the non-cohesive nature of the soil at lower depths, water was injected beginning at approximately 120 feet below ground surface (bgs) to prevent collapse of the borehole. • Borehole collapsed from approximately 141.5' to 150' bgs.				
170							

Disclaimer This bore log is intended for environmental not geotechnical purposes.

BLUEBERRY HGB ROLL OFF OVERFILL (04.03.2024)



4/8/2024, 9:16:38 AM



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau,

APPENDIX E

CARMONA RESOURCES





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

April 15, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: BLUEBERRY FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/12/24 15:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (1') (H241937-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	9.67	0.500	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	51.6	0.500	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	18.5	0.500	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	48.8	1.50	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTX	128	3.00	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/15/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1240	100	04/13/2024	ND	198	99.0	200	1.15		
DRO >C10-C28*	8620	100	04/13/2024	ND	198	98.8	200	3.53		
EXT DRO >C28-C36	1610	100	04/13/2024	ND						

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 168 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (2') (H241937-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2024	ND	2.24	112	2.00	1.23		
Toluene*	0.091	0.050	04/13/2024	ND	2.23	112	2.00	3.13		
Ethylbenzene*	<0.050	0.050	04/13/2024	ND	2.27	113	2.00	3.50		
Total Xylenes*	<0.150	0.150	04/13/2024	ND	6.74	112	6.00	3.96		
Total BTEX	<0.300	0.300	04/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	198	99.0	200	1.15	
DRO >C10-C28*	<10.0	10.0	04/12/2024	ND	198	98.8	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (1') (H241937-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	16.1	0.500	04/13/2024	ND	2.24	112	2.00	1.23	
Toluene*	55.5	0.500	04/13/2024	ND	2.23	112	2.00	3.13	
Ethylbenzene*	17.6	0.500	04/13/2024	ND	2.27	113	2.00	3.50	
Total Xylenes*	50.8	1.50	04/13/2024	ND	6.74	112	6.00	3.96	
Total BTEX	140	3.00	04/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M	mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2100	100	04/13/2024	ND	198	99.0	200	1.15	
DRO >C10-C28*	12900	100	04/13/2024	ND	198	98.8	200	3.53	
EXT DRO >C28-C36	2510	100	04/13/2024	ND					

Surrogate: 1-Chlorooctane 158 % 48.2-134

Surrogate: 1-Chlorooctadecane 239 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (2') (H241937-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.28	0.050	04/13/2024	ND	2.24	112	2.00	1.23	
Toluene*	8.45	0.050	04/13/2024	ND	2.23	112	2.00	3.13	
Ethylbenzene*	4.32	0.050	04/13/2024	ND	2.27	113	2.00	3.50	
Total Xylenes*	14.2	0.150	04/13/2024	ND	6.74	112	6.00	3.96	
Total BTEX	28.3	0.300	04/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/15/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	303	10.0	04/13/2024	ND	198	99.0	200	1.15	
DRO >C10-C28*	3680	10.0	04/13/2024	ND	198	98.8	200	3.53	
EXT DRO >C28-C36	745	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (3') (H241937-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2024	ND	2.24	112	2.00	1.23		
Toluene*	0.072	0.050	04/13/2024	ND	2.23	112	2.00	3.13		
Ethylbenzene*	<0.050	0.050	04/13/2024	ND	2.27	113	2.00	3.50		
Total Xylenes*	<0.150	0.150	04/13/2024	ND	6.74	112	6.00	3.96		
Total BTEx	<0.300	0.300	04/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	198	99.0	200	1.15	
DRO >C10-C28*	185	10.0	04/12/2024	ND	198	98.8	200	3.53	
EXT DRO >C28-C36	23.4	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (4') (H241937-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2024	ND	2.24	112	2.00	1.23		
Toluene*	<0.050	0.050	04/13/2024	ND	2.23	112	2.00	3.13		
Ethylbenzene*	<0.050	0.050	04/13/2024	ND	2.27	113	2.00	3.50		
Total Xylenes*	<0.150	0.150	04/13/2024	ND	6.74	112	6.00	3.96		
Total BTEX	<0.300	0.300	04/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	198	99.0	200	1.15	
DRO >C10-C28*	<10.0	10.0	04/12/2024	ND	198	98.8	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Work Order No:

A241937

Page 1 of 1[illegible]



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

April 15, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: BLUEBERRY FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/12/24 15:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/12/2024	Sampling Date:	04/12/2024
Reported:	04/15/2024	Sampling Type:	Soil
Project Name:	BLUEBERRY FACILITY	Sampling Condition:	Cool & Intact
Project Number:	2329	Sample Received By:	Tamara Oldaker
Project Location:	GOODNIGHT - LEA CO., NM		

Sample ID: H - 1 (0-5') (H241936-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTX	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	<10.0	10.0	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	<10.0	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 2 (0-5') (H241936-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEx	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	<10.0	10.0	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	<10.0	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 3 (0-5') (H241936-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTEX	<0.300	0.300	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	<10.0	10.0	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	<10.0	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H241936

Page 1 of 1

Project Manager	Conner Moehring	Bill to: (if different)	Adrian Urquidi
Company Name	Carmona Resources	Company Name	Goodnight Midstream
Address	310 W Wall St Ste 500	Address	11612 Tower Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79707
Phone	432-813-6823	Email	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐



State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other: _____

[illegible]

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/23/15 4:15 PM		



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

April 15, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: BLUEBERRY FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/12/24 15:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BACKGROUND PASTURE (0.5') (H241938-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2024	ND	2.24	112	2.00	1.23		
Toluene*	<0.050	0.050	04/13/2024	ND	2.23	112	2.00	3.13		
Ethylbenzene*	<0.050	0.050	04/13/2024	ND	2.27	113	2.00	3.50		
Total Xylenes*	<0.150	0.150	04/13/2024	ND	6.74	112	6.00	3.96		
Total BTEX	<0.300	0.300	04/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	198	99.0	200	1.15	
DRO >C10-C28*	<10.0	10.0	04/12/2024	ND	198	98.8	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BACKGROUND PAD (0.5') (H241938-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2024	ND	2.24	112	2.00	1.23		
Toluene*	<0.050	0.050	04/13/2024	ND	2.23	112	2.00	3.13		
Ethylbenzene*	<0.050	0.050	04/13/2024	ND	2.27	113	2.00	3.50		
Total Xylenes*	<0.150	0.150	04/13/2024	ND	6.74	112	6.00	3.96		
Total BTEx	<0.300	0.300	04/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/15/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2024	ND	198	99.0	200	1.15	
DRO >C10-C28*	<10.0	10.0	04/13/2024	ND	198	98.8	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 424938

Page 1 of 1[illegible]



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

April 15, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: BLUEBERRY FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/12/24 15:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (1') (H241935-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.059	0.050	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	0.339	0.050	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	0.209	0.050	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	0.698	0.150	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTX	1.31	0.300	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/15/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.6	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	675	10.0	04/12/2024	ND	223	111	200	8.85	QM-07
EXT DRO >C28-C36	128	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (1') (H241935-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	17.7	1.00	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	85.8	1.00	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	29.0	1.00	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	81.4	3.00	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTEX	214	6.00	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/15/2024	ND	448	112	400	3.51		
TPH 8015M		mg/kg		Analyzed By: MS						S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2900	100	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	21500	100	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	3910	100	04/13/2024	ND					

Surrogate: 1-Chlorooctane 172 % 48.2-134

Surrogate: 1-Chlorooctadecane 478 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (1') (H241935-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	30.1	1.00	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	127	1.00	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	37.4	1.00	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	103	3.00	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTEX	298	6.00	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/15/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2780	100	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	18400	100	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	3420	100	04/13/2024	ND					

Surrogate: 1-Chlorooctane 157 % 48.2-134

Surrogate: 1-Chlorooctadecane 389 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (0.5') (H241935-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.116	0.050	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	0.180	0.050	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTEX	<0.300	0.300	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/15/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	<10.0	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	<10.0	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (0.5') (H241935-05)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.373	0.050	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	4.39	0.050	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	2.76	0.050	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	8.54	0.150	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTEX	16.1	0.300	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/15/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	234	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	4940	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	922	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 162 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (0.5') (H241935-06)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.420	0.050	04/15/2024	ND	2.03	102	2.00	2.66	
Toluene*	4.74	0.050	04/15/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	3.06	0.050	04/15/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	9.29	0.150	04/15/2024	ND	6.68	111	6.00	1.70	
Total BTEX	17.5	0.300	04/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/15/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	300	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	5750	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	1090	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (0.5') (H241935-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTEx	<0.300	0.300	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	131	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	29.5	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (1') (H241935-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEX	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	33.0	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	<10.0	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (1') (H241935-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEx	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	716	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	209	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (1') (H241935-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEX	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	648	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	209	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (0.5') (H241935-11)

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	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEx	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	29.2	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	<10.0	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (0.5') (H241935-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEX	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2024	ND	226	113	200	7.18	
DRO >C10-C28*	746	10.0	04/12/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	216	10.0	04/12/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (0.5') (H241935-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEx	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	1300	10.0	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	431	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (0.5') (H241935-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEX	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	46.9	10.0	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	17.5	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (0.5') (H241935-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66		
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10		
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56		
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70		
Total BTEX	<0.300	0.300	04/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	113	10.0	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	20.6	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/12/2024
 Reported: 04/15/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (1') (H241935-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2024	ND	2.03	102	2.00	2.66	
Toluene*	<0.050	0.050	04/12/2024	ND	2.18	109	2.00	2.10	
Ethylbenzene*	<0.050	0.050	04/12/2024	ND	2.23	111	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/12/2024	ND	6.68	111	6.00	1.70	
Total BTEX	<0.300	0.300	04/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/15/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2024	ND	226	113	200	7.18	
DRO >C10-C28*	104	10.0	04/13/2024	ND	223	111	200	8.85	
EXT DRO >C28-C36	15.3	10.0	04/13/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No.:

11241935-

Project Manager	Conner Moehring	Bill to: (if different)	Adrian Urquidí
Company Name	Carmona Resources	Company Name	Goodnight Midstream
Address	310 W Wall St Ste 500	Address	11612 Tower Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79707
Phone	432-813-6823	Email	

Work Order Comments		Page <u>1</u> of <u>2</u>
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>		
State of Project:		
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>		
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:		

Project Name: Blueberry Facility				Turn Around		ANALYSIS REQUEST														Preservative Codes														
Project Number: 2329		Project Location: Lea County, New Mexico		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code																None: NO DI Water: H ₂ O												
Sampler's Name: CRM		Due Date: 24 Hour																				Cool: Cool MeOH: Me												
PO #:																						HCL: HC HNO ₃ : HN												
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Well Ice:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																H ₂ SO ₄ : H ₂										
Received Intact:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Thermometer ID:				146																H ₃ PO ₄ : HP										
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Correction Factor:				1																NaHSO ₄ : NABIS										
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Temperature Reading:				312																Na ₂ S ₂ O ₃ : NaSO ₃										
Total Containers:				Corrected Temperature:				1																Zn Acetate+NaOH: Zn										
																								NaOH+Ascorbic Acid: S APC										
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																Sample Comments						
CS-1 (1')		4/12/2024				X				C		1		X		X		X																
CS-2 (1')		4/12/2024				X				C		1		X		X		X																
CS-3 (1')		4/12/2024				X				C		1		X		X		X																
CS-4 (0.5')		4/12/2024				X				C		1		X		X		X																
CS-5 (0.5')		4/12/2024				X				C		1		X		X		X																
CS-6 (0.5')		4/12/2024				X				C		1		X		X		X																
CS-7 (0.5')		4/12/2024				X				C		1		X		X		X																
SW-1 (1')		4/12/2024				X				C		1		X		X		X																
SW-2 (1')		4/12/2024				X				C		1		X		X		X																
SW-3 (1')		4/12/2024				X				C		1		X		X		X																

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No:

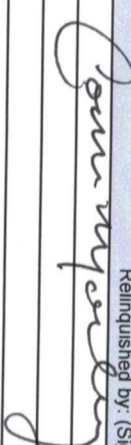

11241935

Project Manager:	Conner Moehring	Bill to: (if different)	Adrian Urquidí
Company Name:	Carmona Resources	Company Name:	Goodnight Midstream
Address:	310 W Wall St Ste 500	Address:	11612 Tower Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 79707
Phone:	432-813-6823	Email:	

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

Project Name:	Blueberry Facility		Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2329		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico		Due Date:	24 Hour													Cool: Cool	MeOH: Me	
Sampler's Name:	CRM																HCL: HC	HNO ₃ : HN	
PC #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Corrected Temperature:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													Zn Acetate+NaOH: Zn		
Total Containers:																	NaOH+Ascorbic Acid: SACP		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
SW-4 (0.5')	4/12/2024		X		C	1	X	X	X										
SW-5 (0.5')	4/12/2024		X		C	1	X	X	X										
SW-6 (0.5')	4/12/2024		X		C	1	X	X	X										
SW-7 (0.5')	4/12/2024		X		C	1	X	X	X										
SW-8 (0.5')	4/12/2024		X		C	1	X	X	X										
SW-9 (1')	4/12/2024		X		C	1	X	X	X										

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/23/24 1546		



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

April 24, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: BLUEBERRY FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 04/23/24 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (5') (H242154-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262		
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17		
Total BTX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (5') (H242154-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262		
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (5') (H242154-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262		
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (2.5') (H242154-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262		
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17		
Total BTEx	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (2.5') (H242154-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262		
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (2.5') (H242154-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262		
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17		
Total BTEx	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (2.5') (H242154-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262		
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Analytical Results For:

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 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (5') (H242154-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262		
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (5') (H242154-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2024	ND	2.17	108	2.00	0.262	
Toluene*	<0.050	0.050	04/23/2024	ND	2.13	107	2.00	0.157	
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.11	106	2.00	1.00	
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.22	104	6.00	1.17	
Total BTEX	<0.300	0.300	04/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
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 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (5') (H242154-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.15	107	2.00	5.04		
Toluene*	<0.050	0.050	04/23/2024	ND	2.22	111	2.00	5.86		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.19	109	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.63	110	6.00	6.56		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (2.5') (H242154-11)

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	04/23/2024	ND	2.15	107	2.00	5.04		
Toluene*	<0.050	0.050	04/23/2024	ND	2.22	111	2.00	5.86		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.19	109	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.63	110	6.00	6.56		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (2.5') (H242154-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.15	107	2.00	5.04		
Toluene*	<0.050	0.050	04/23/2024	ND	2.22	111	2.00	5.86		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.19	109	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	6.63	110	6.00	6.56		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (2.5') (H242154-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.16	108	2.00	0.934		
Toluene*	<0.050	0.050	04/23/2024	ND	2.26	113	2.00	2.88		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.41	120	2.00	6.56		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	7.16	119	6.00	5.15		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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 MIDLAND TX, 79701
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Received: 04/23/2024
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 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (2.5') (H242154-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.16	108	2.00	0.934		
Toluene*	<0.050	0.050	04/23/2024	ND	2.26	113	2.00	2.88		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.41	120	2.00	6.56		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	7.16	119	6.00	5.15		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/24/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/23/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/23/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (2.5') (H242154-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.16	108	2.00	0.934		
Toluene*	<0.050	0.050	04/23/2024	ND	2.26	113	2.00	2.88		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.41	120	2.00	6.56		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	7.16	119	6.00	5.15		
Total BTEX	<0.300	0.300	04/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/24/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/24/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 04/23/2024
 Reported: 04/24/2024
 Project Name: BLUEBERRY FACILITY
 Project Number: 2329
 Project Location: GOODNIGHT - LEA CO., NM

Sampling Date: 04/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (5') (H242154-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2024	ND	2.16	108	2.00	0.934		
Toluene*	<0.050	0.050	04/23/2024	ND	2.26	113	2.00	2.88		
Ethylbenzene*	<0.050	0.050	04/23/2024	ND	2.41	120	2.00	6.56		
Total Xylenes*	<0.150	0.150	04/23/2024	ND	7.16	119	6.00	5.15		
Total BTEX	<0.300	0.300	04/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2024	ND	191	95.7	200	0.457	
DRO >C10-C28*	<10.0	10.0	04/24/2024	ND	191	95.4	200	0.540	
EXT DRO >C28-C36	<10.0	10.0	04/24/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No.:

4/24/54

Page 19 of 20

Project Manager:	Conner Moehring	Bill to: (if different)	Adrian Urquidí
Company Name:	Carmona Resources	Company Name:	Goodnight Midstream
Address:	310 W Wall St Ste 500	Address:	11612 Tower Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 79707
Phone:	432-813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐



State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name:				Turn Around				ANALYSIS REQUEST																Preservative Codes									
Project Number:		Blueberry Facility		2329		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																		None: NO DI Water: H ₂ O									
Project Location:		Lea County, New Mexico		Due Date:		24 Hour																		Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na									
Sampler's Name:		DD																						H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC									
PO #:																																	
SAMPLE RECEIPT				Temp Blank:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Parameters																					
Received Intact:		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Thermometer ID:								BTX 8021B																					
Cooler Custody Seals:		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:								TPH 8015M (GRO + DRO + MRO)																					
Sample Custody Seals:		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		3.0°C						Chloride 4500																					
Total Containers:				Corrected Temperature:		11																											
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-1 (5)				4/23/2024				X				C		1		X X X X																	
CS-2 (5)				4/23/2024				X				C		1		X X X X																	
CS-3 (5)				4/23/2024				X				C		1		X X X X																	
CS-4 (2.5)				4/23/2024				X				C		1		X X X X																	
CS-5 (2.5)				4/23/2024				X				C		1		X X X X																	
CS-6 (2.5)				4/23/2024				X				C		1		X X X X																	
CS-7 (2.5)				4/23/2024				X				C		1		X X X X																	
SW-1 (5)				4/23/2024				X				C		1		X X X X																	
SW-2 (5)				4/23/2024				X				C		1		X X X X																	
SW-3 (5)				4/23/2024				X				C		1		X X X X																	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-23-24 1410		

Chain of Custody

Work Order No: 18242154

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Adrian Urquidí
Company Name:	Carmona Resources	Company Name:	Goodnight Midstream
Address:	310 W Wall St Ste 500	Address:	11612 Tower Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 79707
Phone:	432-813-6823	Email:	

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

Project Name:	Blueberry Facility		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2329		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico		Due Date:	24 Hour													Cool: Cool	MeOH: Me		
Sampler's Name:	DD																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Parameters												H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID:															NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:	30°C														Zn Acetate+NaOH: Zn			
Total Containers:			Corrected Temperature:															NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-4 (2.5')	4/23/2024		X		C	1	X	X	X											
SW-5 (2.5')	4/23/2024		X		C	1	X	X	X											
SW-6 (2.5')	4/23/2024		X		C	1	X	X	X											
SW-7 (2.5')	4/23/2024		X		C	1	X	X	X											
SW-8 (2.5')	4/23/2024		X		C	1	X	X	X											
SW-9 (5')	4/23/2024		X		C	1	X	X	X											

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-23-24/1410		

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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 356420

QUESTIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID:	372311
	Action Number:	356420
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2409552203
Incident Name	NAPP2409552203 BLUEBERRY HGB ROLL OFF OVERFILL @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BLUEBERRY HGB ROLL OFF OVERFILL
Date Release Discovered	04/03/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Dump Valve Crude Oil Released: 6 BBL Recovered: 5 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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1000 Rio Brazos Rd., Aztec, NM 87410
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QUESTIONS, Page 2

Action 356420

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID:	372311
	Action Number:	356420
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Adrian Urduidi Title: HSE Representative Email: adrian.urduidi@goodnightmidstream.com Date: 04/17/2024
--	--

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811 S. First St., Artesia, NM 88210
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 356420

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID:	372311
	Action Number:	356420
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	224
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	17510
GRO+DRO (EPA SW-846 Method 8015M)	15000
BTEX (EPA SW-846 Method 8021B or 8260B)	140
Benzene (EPA SW-846 Method 8021B or 8260B)	16.1

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/12/2024
On what date will (or did) the final sampling or liner inspection occur	04/12/2024
On what date will (or was) the remediation complete(d)	04/30/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1600
What is the estimated volume (in cubic yards) that will be remediated	180

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

District III

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

District IV

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

State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 356420

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID:	372311
	Action Number:	356420
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Adrian Urduidi Title: HSE Representative Email: adrian.urquidi@goodnightmidstream.com Date: 04/17/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

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

QUESTIONS, Page 5

Action 356420

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 356420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 356420

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID:	372311
	Action Number:	356420
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	335261
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/23/2024
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	1604

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1000
What was the total volume (cubic yards) remediated	200
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1000
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	The affected area has been cleaned to the recommended standards by NMOCD as well as the landowner.

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

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

I hereby agree and sign off to the above statement	Name: Adrian Urquidi Title: EHS Representative Email: adrian.urquidi@goodnightmidstream.com Date: 06/26/2024
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QUESTIONS, Page 7

Action 356420

QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 356420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 356420

CONDITIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID:
	372311
	Action Number:
	356420
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/19/2024