

SITE INFORMATION

Closure Report
Graham Nash State Com 008H (03.17.24)
Eddy County, New Mexico
Incident ID: nAPP2409931184
Unit D Sec 28 T26S R28E
32.0199°, -104.0983°

Crude Oil Release
Point of Release: Flare Fire
Release Date: 03.17.24

Volume Released: 0 Barrels of Crude Oil Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES

Prepared for: Concho Operating, LLC 15 West London Road, Loving, New Mexico 88256

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

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



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May 19, 2024

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

Re: Closure Report

Graham Nash State Com 008H (03.17.24)

Concho Operating, LLC Incident ID: nAPP2409931184

Site Location: Unit D, S28, T26S, R28E

(Lat 32.0199°, Long -104.0983°) Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for Graham Nash State Com 008H (03.17.24). The site is located at 32.0199°, -104.0983° within Unit D, S28, T26S, and R28E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 17, 2024, due to a flare fire. This released approximately zero (0) barrels of crude oil with zero (0) barrels of crude oil recovered. Refer to Figure 3. The release occurred on the pad. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.64 miles Southeast of the site in S29, T26S, R28E and was drilled in 2020. The well has a reported depth to groundwater of 33' feet below the ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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



4.0 Site Assessment Activities

On April 11, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) vertical sample points (S-1 through S-3) and four (4) horizontal sample points (H-1 through H-4) were advanced to depths ranging from the surface to 2.0 bgs inside the release area to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were on site to oversee excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD web portal on May 6, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of ten (10) confirmation floor samples (CS-1 through CS-10) and eight (8) sidewall samples (SW-1 through SW-8) were collected every 200 square feet to ensure the proper removal of the contaminated soils. 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. The excavation depths and confirmation sample locations are shown in Figure 4.

Approximately 120 cubic yards of material were excavated and transported offsite for proper disposal.

Before the excavation was backfilled, a composite sample of the backfill material was collected to ensure it was clean to NMOCD standards. Refer to Table 2 for results. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

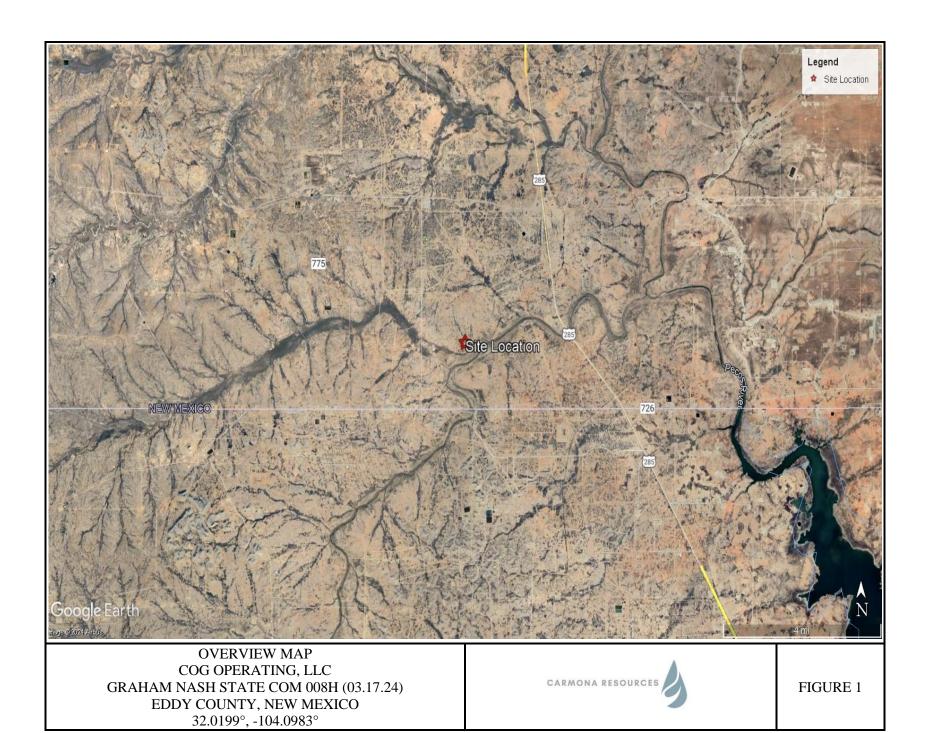
Mike Carmona

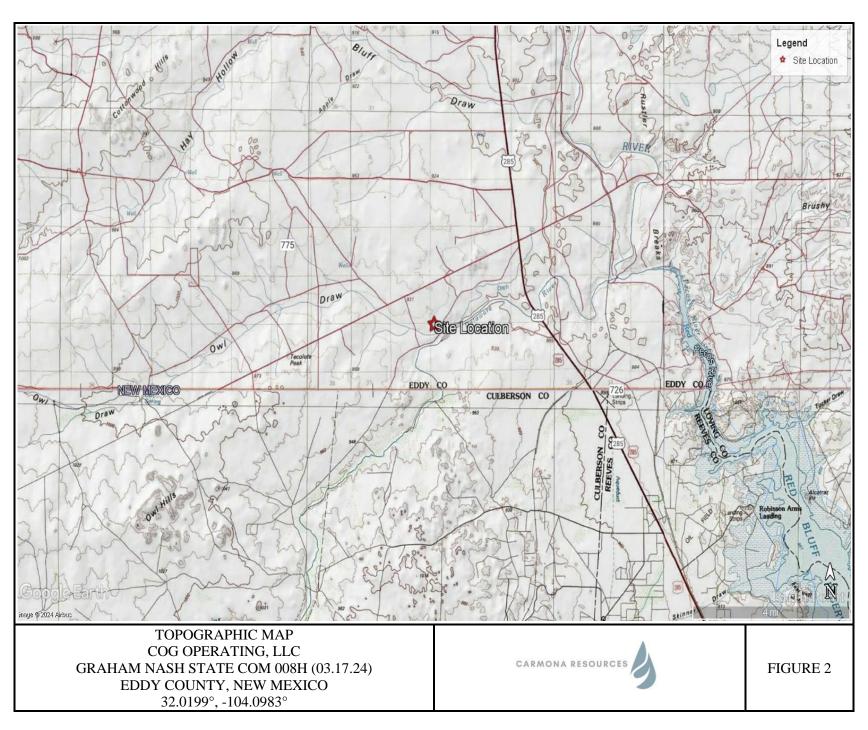
Environmental Manager

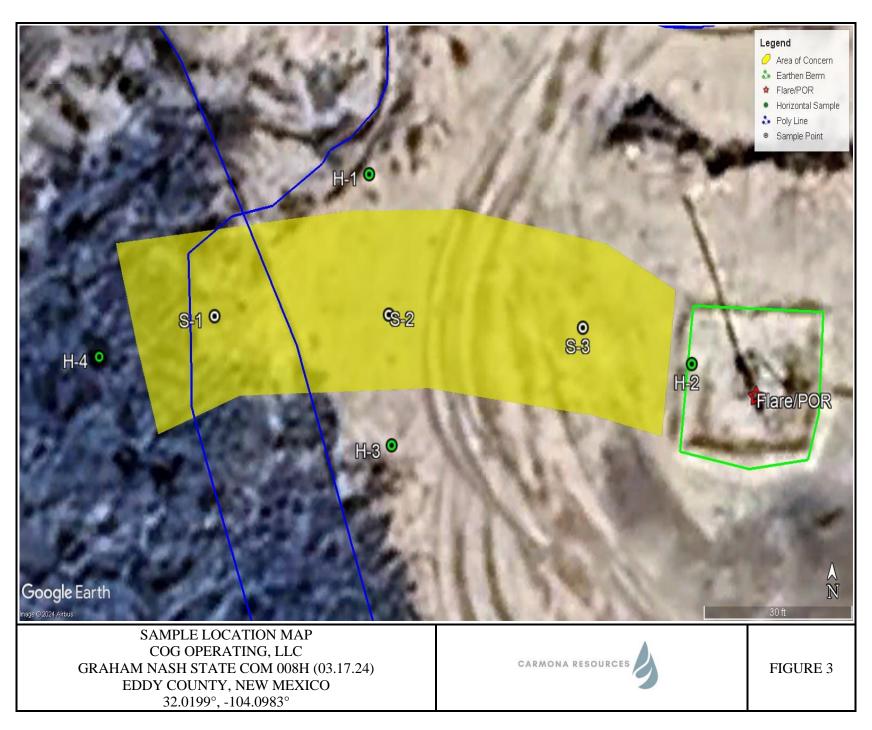
Conner Moehring

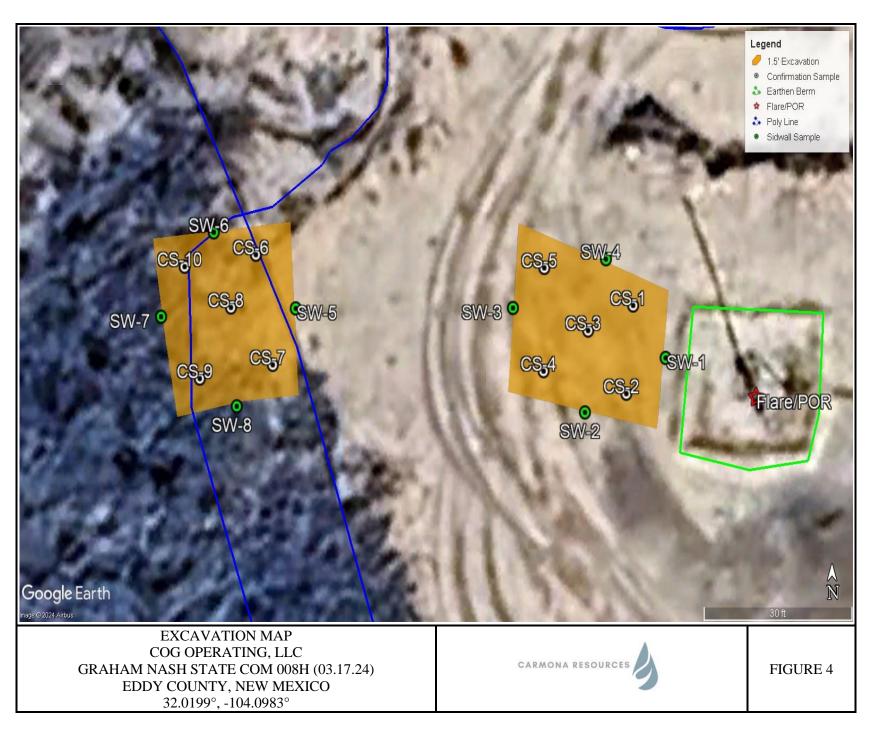
Sr. Project Manager

FIGURES









APPENDIX A

Table 1 **COG Operating Graham Nash State Com 008H (03.17.2024) Eddy County, New Mexico**

0	5.4	D (1 (0)		TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	4/11/2024	0-0.25'	<10.0	985	806	1,791	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-1	"	1.5'	<10.0	26.5	30.7	57.2	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	II .	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
6.0	4/11/2024	0-0.25'	<10.0	15.5	<10.0	15.5	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-2	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	4/11/2024	0-0.25'	<10.0	4,140	1,540	5,680	<0.050	<0.050	<0.050	<0.150	<0.300	352
S-3	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-1	4/11/2024	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	4/11/2024	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-3	4/11/2024	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-4	4/11/2024	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	ory Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

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

ft-feet (S) Sample Point (H) Horizontal Sample

Removed

Table 2
COG Operating
Graham Nash State Com 008H (03.17.2024)
Eddy County, New Mexico

Commis ID	Doto	Donath (54)		TP⊦	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-2	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-3	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-4	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-5	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-6	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-8	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-9	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-10	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-1	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-4	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-6	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	5/7/2024	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
TPLT Astronaut Pit	5/8/2024	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory	/ Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

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

(CS) Confirmation Samples (SW) Sidewall Samples

APPENDIX B

PHOTOGRAPHIC LOG

COG Operating

Photograph No. 1

Facility: Graham Nash State Com 008H

(03.17.24)

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-1 through CS-5.



Photograph No. 2

Facility: Graham Nash State Com 008H

(03.17.24)

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-6 through CS-10.



Photograph No. 3

Facility: Graham Nash State Com 008H

(03.17.24)

County: Eddy County, New Mexico

Description:

View Southeast, area of backfilled excavation.





APPENDIX C

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

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

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

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

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

QUESTIONS

Action 330848

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	330848
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source				
Please answer all the questions in this group.				
Site Name	Graham Nash State Com 008H			
Date Release Discovered	03/17/2024			
Surface Owner	State			

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	Yes
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

lature and Volume of Release	
laterial(s) released, please answer all that apply below. Any calculations or specific justifications is	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 0 BBL Recovered: 0 BB Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

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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 2

Action 330848

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Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	330848
	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)	More volume information must be supplied to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e	e. gas only) are to be submitted on the C-129 form.

Initial Response	Initial Response					
The responsible party must undertake the following actions immediately unless they could create a s	afety 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.

ACKNOWLEDGMENTS

Action 330848

District I
1625 N. French Dr., Hobbs, NM 88240
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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

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	330848
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

V	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	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.
V	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.
V	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.
V	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.
V	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 330848

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	330848
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By		Condition Date
brittanyesparza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/8/2024

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

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

QUESTIONS

Action 340947

QUESTIONS

	Operator:	OGRID:
	COG OPERATING LLC	229137
	600 W Illinois Ave	Action Number:
	Midland, TX 79701	340947
		Action Type:
l		[NOTIFY] Notification Of Sampling (C-141N)
(QUESTIONS	
	Prerequisites	

Prerequisites								
Incident ID (n#)	nAPP2409931184							
Incident Name	NAPP2409931184 GRAHAM NASH STATE COM 008H @ 0							
Incident Type	Oil Release							
Incident Status	Initial C-141 Approved							
Incident Facility	[fAPP2203934991] Graham Nash St 8H Battery							

Location of Release Source							
Site Name	Graham Nash State Com 008H						
Date Release Discovered	03/17/2024						
Surface Owner	State						

Sampling Event General Information									
Please answer all the questions in this group.									
What is the sampling surface area in square feet 1,800									
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	05/07/2024								
Time sampling will commence	02:45 PM								
Warning: Notification can not be less than two business days prior to conducting final sampling.									

Please provide any information necessary for observers to contact samplers	Sampler Information: Conner Moehring (432) 813-6823					
Please provide any information necessary for navigation to sampling site	Location coordinates on initial C-141					

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Phone: (575) 393-6161 Fax: (575) 393-0720

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

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

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

CONDITIONS

Action 340947

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	340947
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By		Condition Date
jacquih	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/6/2024

Received by OCD: 6/6/2024 9:45:52 AM Form C-141 State of New Mexico
Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

Closure

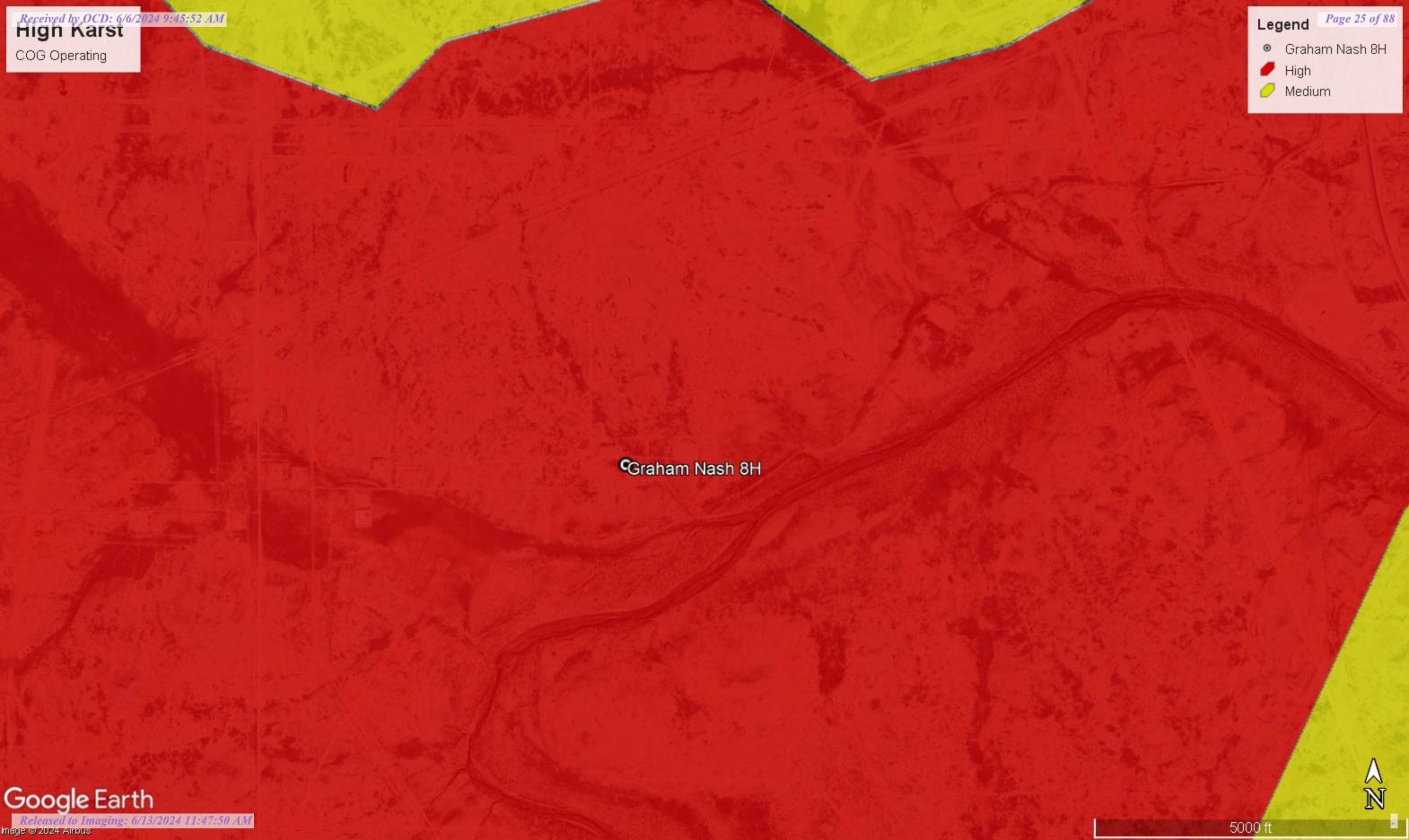
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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:								
Signature: <u>Jacqui Harris</u>	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







New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

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

closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

	POD Sub-			Q Q							-	-	Water
POD Number	Code basin	County	64 1	6 4	Sec	Tws	Rng	X	Υ	Distance	Well	Water	Column
C 04466 POD1	CUB	ED	3	3 2	29	26S	28E	584327	3542357 🌍	1034	96	33	63
C 02160 S7	CUB	ED	3	3 1	22	26S	28E	586638	3543998* 🌍	1814	300	120	180
C 04022 POD2	CUB	ED	2	2 2	27	26S	28E	588106	3543082 🌍	3024	250	145	105
C 04022 POD1	CUB	ED	4	4 2	15	26S	28E	588082	3545647 🌍	3958	220	175	45

Average Depth to Water: 118 feet

> Minimum Depth: 33 feet

175 feet Maximum Depth:

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 585081.51 Northing (Y): 3543065.24 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.



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

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

 \mathbf{X}

C 04466 POD1 NA

26S 28E

3542357 584327

Driller License: 1456 **Driller Company:** WHITE DRILLING COMPANY

Driller Name: JOHN W WHITE

Drill Start Date: 09/01/2020 **Drill Finish Date:** 09/02/2020 Log File Date: 11/12/2020 **PCW Rcv Date: Pump Type:** Pipe Discharge Size:

Plug Date: 10/16/2020 Shallow Source:

Estimated Yield: 0 GPM

Casing Size: Depth Well: 96 feet Depth Water: 33 feet

X	Water Bearing Stratifications:	Тор	Bottom	Description
		33	35	Sandstone/Gravel/Conglomerate
		35	37	Other/Unknown
		37	42	Other/Unknown
		42	54	Sandstone/Gravel/Conglomerate
		54	65	Other/Unknown
		65	67	Sandstone/Gravel/Conglomerate
		67	74	Sandstone/Gravel/Conglomerate

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4/4/24 7:55 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

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

X

C 02160 S7

586638 3543998*

Driller License:

Driller Company:

Driller Name:

HEMLER

Drill Start Date:

Drill Finish Date:

01/01/1961

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

300 feet

Depth Water:

120 feet

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.

4/4/24 7:57 AM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

■ Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 320145104041701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320145104041701 26S.28E.22.234431

Eddy County, New Mexico

Table of data

Latitude 32°01'45", Longitude 104°04'17" NAD27

Land-surface elevation 2,980 feet above NGVD29

The depth of the well is 23.00 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

-asic or acce		
Tab-separated data		
Graph of data		
Reselect period		

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source (measure
1987-12-12		D	62610		2958.98	NGVD29	1	S		
1987-12-12		D	62611		2960.55	NAVD88	1	S		
1987-12-12		D	72019	21.02			1	S		
1998-01-22		D	62610		2957.65	NGVD29	1	S		
1998-01-22		D	62611		2959.22	NAVD88	1	S		
1998-01-22		D	72019	22.35			1	S		

Exp	lan	ati	on

Section	Code	Description
Water-level date-time accuracy D		Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	Α	Approved for publication Processing and review completed.

Questions or Comments Automated retrievals <u>Help</u> **Data Tips Explanation of terms** Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

<u>U.S. Department of the Interior | U.S. Geological Survey</u> **Title: Groundwater for New Mexico: Water Levels** URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2024-04-04 10:00:57 EDT

0.28 0.25 nadww02





New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

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

 \mathbf{X} Y

C 04022 POD2

28E 26S

588106 3543082

Driller License: 1184 **Driller Company:**

WEST TEXAS WATER WELL SERVICE

Driller Name: KEITH, RONNY

05/08/2017

Drill Finish Date:

05/12/2017

Plug Date:

Shallow

Log File Date:

Drill Start Date:

06/05/2017

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

60 GPM

Casing Size:

12.25 Depth Well: 250 feet

Depth Water:

145 feet

Water Bearing Stratifications:	Top	Bottom	Description

150	160	Sandstone/Gravel/Conglomerate
160	180	Sandstone/Gravel/Conglomerate
180	190	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top **Bottom**

130 250

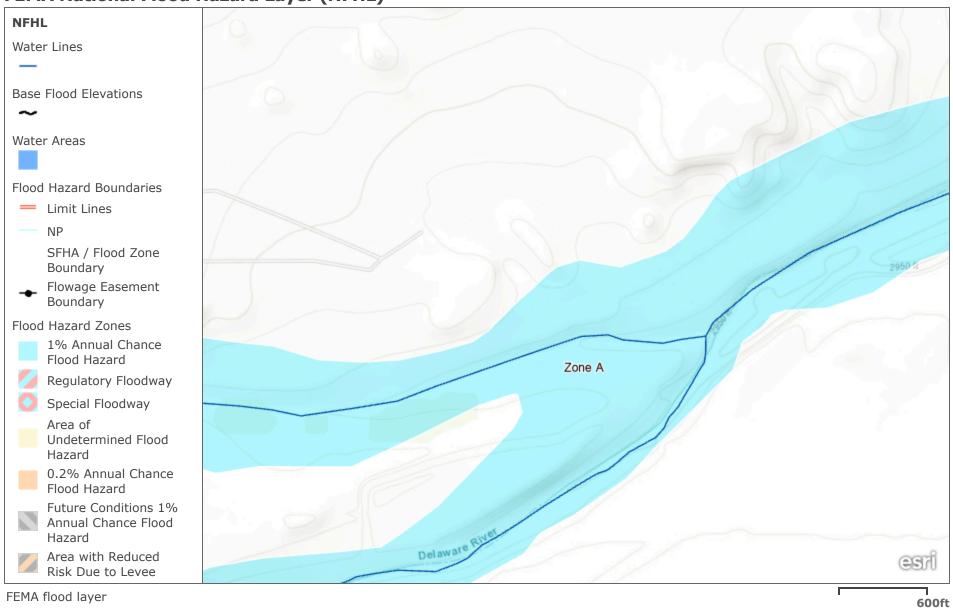
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4/4/24 7:58 AM

POINT OF DIVERSION SUMMARY

Page 32 of 88

FEMA National Flood Hazard Layer (NFHL)



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

NFHL

Water Lines

Water Areas

Limit Lines NP

Boundary

Boundary Flood Hazard Zones

Flood Hazard

Area of

Hazard

Hazard

FEMA flood layer

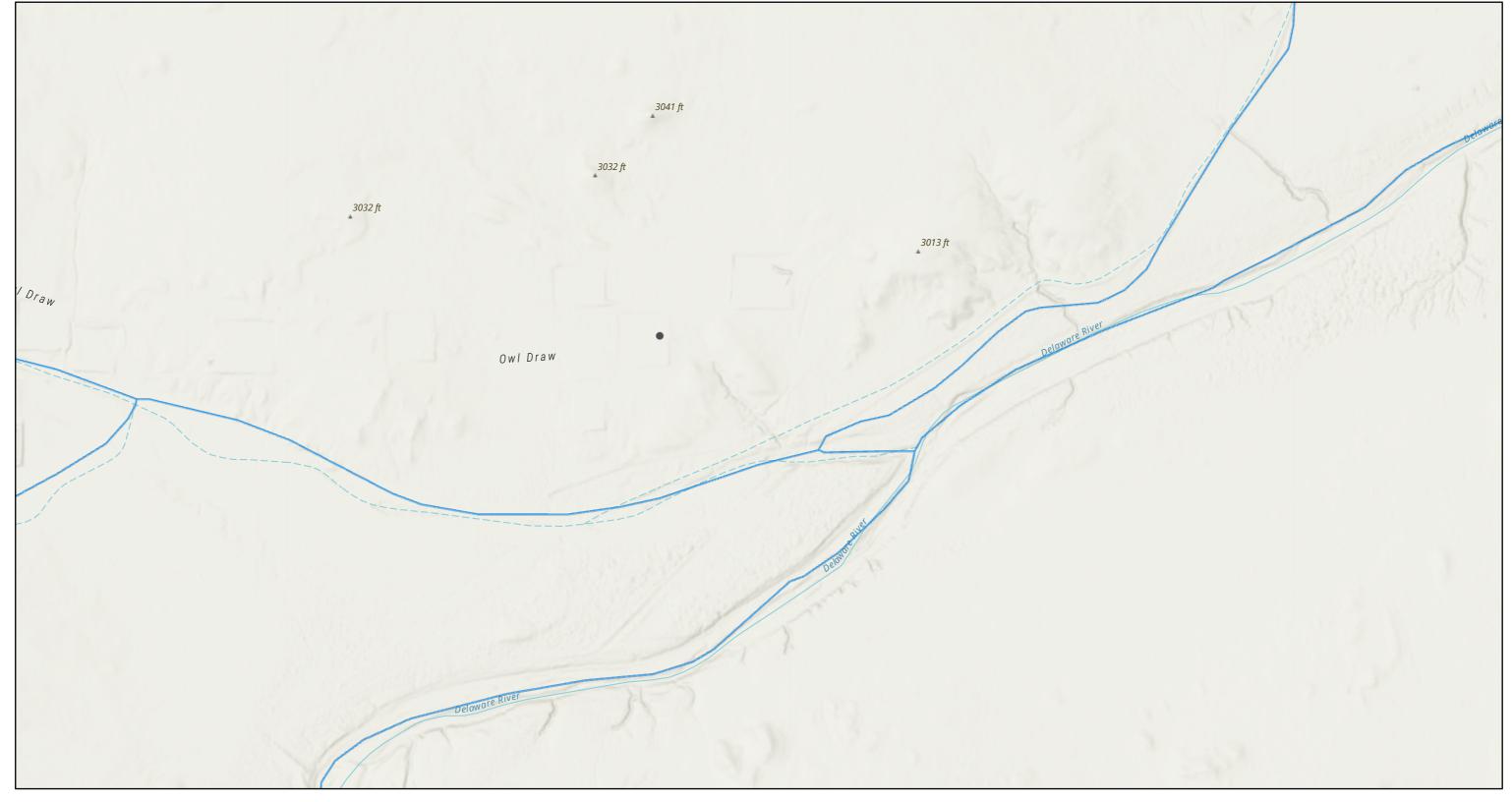
Flood Hazard

FEMA National Flood Hazard Layer (NFHL)

Base Flood Elevations Flood Hazard Boundaries SFHA / Flood Zone Flowage Easement 1% Annual Chance Zone A Regulatory Floodway Special Floodway Undetermined Flood 0.2% Annual Chance Future Conditions 1% Annual Chance Flood Area with Reduced Delaware Rive! Risk Due to Levee 600ft

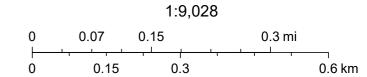
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Graham Nash 8H



4/4/2024, 8:53:40 AM

OSE Streams



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

APPENDIX E



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

April 17, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: GRAHAM NASH 8H - FLARE FIRE

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/ga/lab accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



04/11/2024

Cool & Intact

Tamara Oldaker

Analytical Results For:

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

Received: 04/12/2024 Reported:

04/17/2024 Sampling Type: Soil

Sampling Date:

Sampling Condition:

Sample Received By:

Project Name: GRAHAM NASH 8H - FLARE FIRE Project Number: 2323

Project Location: EDDY COUNTY, NM

Sample ID: S - 1 (0-3") (H241943-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	QM-07
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	985	10.0	04/16/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	806	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 04/12/2024 Reported: 04/17/2024

Sampling Date: 04/11/2024 Sampling Type: Soil

Project Name: GRAHAM NASH 8H - FLARE FIRE
Project Number: 2323

Project Location: EDDY COUNTY, NM

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

Sample ID: S - 1 (1.5') (H241943-02)

RTFY 8021R

BIEX 8021B	mg,	^и кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	26.5	10.0	04/16/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	30.7	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



04/11/2024

Analytical Results For:

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

Fax To:

Received: 04/12/2024 Reported:

04/17/2024 Sampling Type: Soil GRAHAM NASH 8H - FLARE FIRE Sampling Condition: Cool & Intact

Sampling Date:

Project Name:

Tamara Oldaker Project Number: 2323 Sample Received By:

Applyzod By: 14

EDDY COUNTY, NM Project Location:

ma/ka

Sample ID: S - 1 (2') (H241943-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	<10.0	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	56.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 04/12/2024 Reported: 04/17/2024 Sampling Date: 04/11/2024 Sampling Type: Soil

Project Name:

GRAHAM NASH 8H - FLARE FIRE Sampling Condition:

Sampling Condition:

Project Number: 2323

Sample Received By: Tamara Oldaker

Cool & Intact

Project Location: EDDY COUNTY, NM

Sample ID: S - 2 (0-3") (H241943-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	15.5	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 04/12/2024 Reported: 04/17/2024 Sampling Date: 04/11/2024 Sampling Type:

Project Name:

RTFY 8021R

GRAHAM NASH 8H - FLARE FIRE

Soil

Project Number: 2323 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

EDDY COUNTY, NM Project Location:

Sample ID: S - 2 (1.5') (H241943-05)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	<10.0	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.2	% 49.1-14	8						

Applyzod By: 14

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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: 04/17/2024

GRAHAM NASH 8H - FLARE FIRE

Project Number: 2323

Project Name:

EDDY COUNTY, NM Project Location:

Sampling Date: 04/11/2024

Sampling Type: Soil

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

Sample ID: S - 3 (0-3") (H241943-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/15/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	4140	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	1540	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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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: 04/17/2024 Sampling Date: 04/11/2024
Sampling Type: Soil

Project Name:

RTFY 8021R

GRAHAM NASH 8H - FLARE FIRE

Sampling Condition: Cool & Intact

Project Number: 2323

Sample Received By:

Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: S - 3 (1.5') (H241943-08)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/15/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	<10.0	10.0	04/16/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.4	% 49.1-14	8						

Applyzod By: 14

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04/11/2024

Analytical Results For:

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

Fax To:

Received: 04/12/2024 Reported:

04/17/2024 Sampling Type: Soil

Project Name: Project Number:

GRAHAM NASH 8H - FLARE FIRE Sampling Condition: Cool & Intact Sample Received By: 2323 Tamara Oldaker

Sampling Date:

EDDY COUNTY, NM Project Location:

mg/kg

Sample ID: S - 3 (2') (H241943-09)

BTEX 8021B

DILX GOZID	mg/	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/15/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	<10.0	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.4	% 49.1-14	8						

Analyzed By: JH

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keine

					Chain of Custody	C		Work Order No:	No: H241943
									Page1 of1
	Conner Moehring			Bill to: (if different)		Carmona Resources	sources	Work Ord	
Company Name: Carm	Carmona Resources			Company Name:				Program: UST/PST PRP 1	ñ
Address: 310 V	310 W Wall St Ste 500			Address:					Curringing Civic Diperium
City, State ZIP: Midla	Midland, TX 79701			City, State ZIP:				Level	ST/UST RRP II AVAIN
Phone: 432-8	432-813-6823		Email:	Sa	rmonaresource	urces.com			Other
Project Name:	Graham Nash 8H - Flare Fire	Flare Fire	Turn /				ANAI VOI		
Project Number:	2323		Routine	ne 🗸 Rush	Pres.			200 200	ervati
Project Location	Eddy County, New Mexico	Mexico	Due Date:	72 HR	0000				
Sampler's Name:	MM					RO)			9
PO#:					s	+ MR			
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	X	ete		00		
Received Intact:	es	Thermometer ID:		190	aran		de 45		NaHSO: NABIS
ooler Custody Seals:	No	Correction Factor:	7		Pa		lorio		Na ₂ S ₂ O ₃ : NaSO ₂
alliple custody seals:	NO NO	Temperature Rea	ading:	3.16		_	CH		Zn Acetate+NaOH: Zn
Sample Identificati		Time		Grab/	# of	TPH 80			NaOH+Ascorbic Acid: SAPC
S-1 (0-3")	4/11/2024				Cont	+	×		Sample Comments
S-1 (1.5')	4/11/2024		×	G	+	+	× ;		
S-1 (2')	4/11/2024		×	G	+	+	×		
S-2 (0-3")	4/11/2024		×	G		+	×		
S-2 (1.5')	4/11/2024		×	G	_	+	×		
S-2 (2")	4/11/2024		×	G	-	H	1054.01	11/1	
S-3 (0-3")	4/11/2024		×	G		+	To Same Or	411	
S-3 (1.5')	4/11/2024		×	G	_	+	×		
S-3 (2')	4/11/2024		×	G	1	\dashv	×		
SAMPLE RECEIPT Temp B Received Intact:		No Thermometer ID:	Wet Ice: Iding: Soil Soil X X X X X X X	Water Comp G G G G G G G G G G G G G G G G G G G	ehring / C # Parameters		X X X X X X X X X X X X X X X X X X X	**************************************	H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC Sample Comments



April 17, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: GRAHAM NASH 8H - FLARE FIRE

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/ga/lab accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 04/12/2024 Reported: 04/17/2024

GRAHAM NASH 8H - FLARE FIRE

Project Number: 2323

Project Name:

Project Location: EDDY COUNTY, NM

Sampling Date: 04/11/2024

Sampling Type: Soil

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

Sample ID: H - 1 (0-0.5') (H241944-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/15/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	<10.0	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 04/12/2024 Reported: 04/17/2024

GRAHAM NASH 8H - FLARE FIRE

Project Name: GRAF Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 04/11/2024

Sampling Type: Soil

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

Sample ID: H - 2 (0-0.5') (H241944-02)

BTEX 8021B	mg/	ry .	Allalyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/15/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	<10.0	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.8	% 49.1-14	8						

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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: 04/17/2024

GRAHAM NASH 8H - FLARE FIRE

Project Number: 2323

Project Name:

EDDY COUNTY, NM Project Location:

Sampling Date: 04/11/2024

Sampling Type: Soil

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

Sample ID: H - 3 (0-0.5') (H241944-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/15/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	<10.0	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.4	% 49.1-14	8						

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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: 04/17/2024 Sampling Date: 04/11/2024 Sampling Type: Soil

Project Name:

GRAHAM NASH 8H - FLARE FIRE

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

Project Number:

2323

EDDY COUNTY, NM Project Location:

Sample ID: H - 4 (0-0.5') (H241944-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.12	106	2.00	1.70	
Toluene*	<0.050	0.050	04/15/2024	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.23	111	2.00	0.742	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.52	109	6.00	0.633	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/15/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	190	94.8	200	0.789	
DRO >C10-C28*	<10.0	10.0	04/15/2024	ND	182	91.1	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.6	% 49.1-14	8						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Jam m	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and	H-4 (0-0.5')	H-3 (0-0.5')	H-2 (0-0.5')	H-1 (0-0.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:	
Johnson	il to Mike Carm	-0.5')	-0.5')	-0.5')	-0.5')	ntification		als: Yes	s: Yes					Eddy		Grahar	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Conner Moehring	
Relinquished by: (Signature)	nona / Mcarmo	4/11/2024	4/11/2024	4/11/2024	4/11/2024	Date	(No XN/A	No N/A	Yes No	Temp Blank:		MM	Eddy County, New Mexico	2323	Graham Nash 8H - Flare Fire		9701	Ste 500	ources	ing	
y: (Signature)	na@carmonar	4				Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			/lexico		are Fire						
	esources.com	×	×	×	×	Soil	erature:	ading:	ה		Wet Ice:			Due Date:	Routine	Turn	Email:					
	and Conner	G	G	G	9	Water Comp		3/2	1	140	Yes No	1		72 HR	✓ Rush	Turn Around	Email: mcarmona@o	City, State ZIP:	Address:	Company Name:	Bill to: (if different)	
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						Sample	NaOH+Ascorpic Acid. OAFC	VIDOUT VEGETIAGOUS TOIS	Na ₂ O ₂ O ₃ . Na ₃ O ₃	Nahoo4: Nabio	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Presen	ACAT - Culci		Department Department	☐rownfields ☐RC	4	Page
Date/Time						Sample Comments	DIC ACID. SAF	his Asid: SAD	30H: 75	5 8	5	NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes	di.	7	I lava IV	perfund		1 of



May 09, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: GRAHAM NASH 8H - FLARE FIRE

Enclosed are the results of analyses for samples received by the laboratory on 05/08/24 8:54.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

GRAHAM NASH 8H - FLARE FIRE

Project Number: 2323

Project Name:

DTEV 0021D

Project Location: EDDY COUNTY, NM

Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: CS - 1 (1.5') (H242491-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Analytical Results For:

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

GRAHAM NASH 8H - FLARE FIRE

Received: 05/08/2024 Reported: 05/09/2024 Sampling Date: 05/07/2024 Sampling Type: Soil

Project Name:

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

Project Number: 2323 Project Location: EDDY COUNTY, NM

Sample ID: CS - 2 (1.5') (H242491-02)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	73.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

GRAHAM NASH 8H - FLARE FIRE

Project Name: GRAF Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: CS - 3 (1.5') (H242491-03)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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05/07/2024

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

05/08/2024Sampling Date:05/09/2024Sampling Type:GRAHAM NASH 8H - FLARE FIRESampling Condition:

Analyzed By: JH

Sample Received By:

Project Number: 2323

Project Name:

BTEX 8021B

Project Location: EDDY COUNTY, NM

Sample ID: CS - 4 (1.5') (H242491-04)

DIEX COLLD	9/	9	Allalyzo	u 5 y : 5 : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	72.7	% 48.2-13							

75.3 %

49.1-148

Surrogate: 1-Chlorooctadecane

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Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

GRAHAM NASH 8H - FLARE FIRE

Project Name: Project Number: 2323

Project Location: EDDY COUNTY, NM Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: CS - 5 (1.5') (H242491-05)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	82.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

05/09/2024 S GRAHAM NASH 8H - FLARE FIRE S

Project Name: GRAF Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: CS - 6 (1.5') (H242491-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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05/07/2024

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 05/08/2024 Reported:

05/09/2024 Sampling Type: Soil GRAHAM NASH 8H - FLARE FIRE Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: Project Number: 2323

Project Location: EDDY COUNTY, NM

Sample ID: CS - 7 (1.5') (H242491-07)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024 Reported:

05/09/2024 Sampling Type: GRAHAM NASH 8H - FLARE FIRE

Project Name: Project Number: 2323

Project Location: EDDY COUNTY, NM Sampling Date: 05/07/2024

Soil

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

Sample ID: CS - 8 (1.5') (H242491-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024

05/09/2024

Sampling Date: Sampling Type: 05/07/2024

Reported: Project Name:

Soil Cool & Intact

BTEX 8021B

GRAHAM NASH 8H - FLARE FIRE

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Number:

2323

Project Location: EDDY COUNTY, NM

Sample ID: CS - 9 (1.5') (H242491-09)

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

05/09/2024 GRAHAM NASH 8H - FLARE FIRE

Project Name: GRAF Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: CS - 10 (1.5') (H242491-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

GRAHAM NASH 8H - FLARE FIRE

Project Name: GRAF Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: SW - 1 (1.5') (H242491-11)

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	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	63.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024 Reported:

05/09/2024 GRAHAM NASH 8H - FLARE FIRE

Project Name: Project Number: 2323

Project Location: EDDY COUNTY, NM Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: SW - 2 (1.5') (H242491-12)

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	05/08/2024	ND	2.15	107	2.00	3.86	
Toluene*	<0.050	0.050	05/08/2024	ND	2.24	112	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	112	2.00	0.148	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	7.22	120	6.00	0.178	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	184	92.1	200	1.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	178	89.2	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

GRAHAM NASH 8H - FLARE FIRE

Project Name: GRAF Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: SW - 3 (1.5') (H242491-13)

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	05/08/2024	ND	2.14	107	2.00	0.304	
Toluene*	<0.050	0.050	05/08/2024	ND	2.20	110	2.00	0.119	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	0.362	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.75	113	6.00	0.132	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	191	95.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	195	97.7	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

05/09/2024 GRAHAM NASH 8H - FLARE FIRE

Project Name: GRAF Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: SW - 4 (1.5') (H242491-14)

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	05/08/2024	ND	2.14	107	2.00	0.304	
Toluene*	<0.050	0.050	05/08/2024	ND	2.20	110	2.00	0.119	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	0.362	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.75	113	6.00	0.132	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	191	95.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	195	97.7	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

GRAHAM NASH 8H - FLARE FIRE

Project Name: GRAF Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: SW - 5 (1.5') (H242491-15)

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	05/08/2024	ND	2.14	107	2.00	0.304	
Toluene*	<0.050	0.050	05/08/2024	ND	2.20	110	2.00	0.119	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	0.362	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.75	113	6.00	0.132	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	191	95.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	195	97.7	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024 Sampling Date: 05/07/2024 Sampling Type: Soil

Project Name: U5/U9/2024

Project Name: GRAHAM NASH 8H - FLARE FIRE

Sampling Condition: Cool & Intact

Project Number: 2323

Sample Received By:

Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SW - 6 (1.5') (H242491-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.14	107	2.00	0.304	
Toluene*	<0.050	0.050	05/08/2024	ND	2.20	110	2.00	0.119	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	0.362	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.75	113	6.00	0.132	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	191	95.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	195	97.7	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

Applyzod By: 14

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Celeg & Frence



Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

GRAHAM NASH 8H - FLARE FIRE

Project Number: 2323

Project Name:

Project Location: EDDY COUNTY, NM Sampling Date: 05/07/2024

Sampling Type: Soil

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

Sample ID: SW - 7 (1.5') (H242491-17)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.14	107	2.00	0.304	
Toluene*	<0.050	0.050	05/08/2024	ND	2.20	110	2.00	0.119	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	0.362	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.75	113	6.00	0.132	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	191	95.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	195	97.7	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.9	% 49.1-14	8						

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Celey D. Keene



05/07/2024

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

05/09/2024 Sampling Type:
GRAHAM NASH 8H - FLARE FIRE Sampling Condition:

Sampling Date:

Sample Received By:

Project Name: GRAF Project Number: 2323

BTEX 8021B

Project Location: EDDY COUNTY, NM

mg/kg

Sample ID: SW - 8 (1.5') (H242491-18)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.14	107	2.00	0.304	
Toluene*	<0.050	0.050	05/08/2024	ND	2.20	110	2.00	0.119	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	0.362	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.75	113	6.00	0.132	
Total BTEX	<0.300	0.300	05/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2024	ND	191	95.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	195	97.7	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Analyzed By: JH

Surrogate: 1-Chlorooctane 90.7 % 48.2-134
Surrogate: 1-Chlorooctadecane 86.8 % 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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

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1		Comments: Email	S-10 (1	CS-9 (1.5')	CS-8 (1.5')	CS-7 (1.5')	CS-6 (1.5')	CS-5 (1.5')	CS-4 (1.5')	CS-3 (1.5')	CS-2 (1.5')	CS-1 (1.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:					
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	Date/Time												Sample Comments	NaOH+Ascorbic Acid: SAPC	NaOH: Zn	aSO ₃	ABIS		NaOH: Na	HNO: HN		DI Water: H ₂ O	Preservative Codes	Other:	₹P □Level IV		₹C ¶ perfund		of P:	age 2	10 PEPE	22	

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Detail in the second of the se	Date/Time	Persived by Killington	aresources.com and Conner Moehring / Cmoehring@carmonaresources.com	Deceived by Kilmature)	Deceived by Kilmature)	Deceived by Kilmature)	SW-6 (1.5) 5/7/2024 X C 1 X X X X X X X X X	SW-5 (1.5) 57/2024 X C 1 X X X SW-6 (1.5) 57/2024 X C 1 X <t< td=""><td> SW-4 (1.5) 5/7/2024 X</td><td> SW-3 (1.5) 5/172024 X C 1 X X X X X X X X X</td><td> SW-2 (1.5) 5/1/2024 X C 1 X X X X X X X X X</td><td>SW-2 (1.5)</td><td> Sample Identification Date Time Soil Water Graph Gont E Graph Graph </td><td> Total Containers: Corrected Temperature: Half Soil Water Comp Cont Half Soil Half Half </td><td> Sample Lostory Seals: Yes No WA Temperature Temperature </td><td> Cooler Clustody Sealis: Yes No (NA) Correction Factor: </td><td> Received Intact</td><td> Comments: Email to Mike Carmona / Mcarmona / Mcarmona</td><td> PO 9: </td><td> Sampler's Name:</td><td> Polyect Location Eddy County, New Mexico Due Date: 24 HR </td><td> Project Number: 2333</td><td> Project Name: Graham Nash 8H - Flare Fire Tum Around Prase Fire Preservatis Preservatis Preservatis Preservatis Project Continuers Preservatis Preservatis Preservatis Preservatis Preservatis Project Continuers Preservatis Preservatis</td><td> Palpoint </td><td> Concession</td><td> Comments: Email to Mike Carmona 1 Markey 1 Markey</td><td> Company Name</td><td> Project Name Commer Mochtring</td></t<>	SW-4 (1.5) 5/7/2024 X	SW-3 (1.5) 5/172024 X C 1 X X X X X X X X X	SW-2 (1.5) 5/1/2024 X C 1 X X X X X X X X X	SW-2 (1.5)	Sample Identification Date Time Soil Water Graph Gont E Graph Graph	Total Containers: Corrected Temperature: Half Soil Water Comp Cont Half Soil Half Half	Sample Lostory Seals: Yes No WA Temperature Temperature	Cooler Clustody Sealis: Yes No (NA) Correction Factor:	Received Intact	Comments: Email to Mike Carmona / Mcarmona	PO 9:	Sampler's Name:	Polyect Location Eddy County, New Mexico Due Date: 24 HR	Project Number: 2333	Project Name: Graham Nash 8H - Flare Fire Tum Around Prase Fire Preservatis Preservatis Preservatis Preservatis Project Continuers Preservatis Preservatis Preservatis Preservatis Preservatis Project Continuers Preservatis Preservatis	Palpoint	Concession	Comments: Email to Mike Carmona 1 Markey 1 Markey	Company Name	Project Name Commer Mochtring



May 09, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: GRAHAM NASH 8H - FLARE FIRE

Enclosed are the results of analyses for samples received by the laboratory on 05/08/24 16:05.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 05/08/2024 Reported: 05/09/2024

Project Name: GRAHAM NASH 8H - FLARE FIRE

Project Number: 2323

Project Location: EDDY COUNTY, NM

Sampling Date: 05/08/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: TPLT ASTRONAUT CALICHE PIT #1 (H242511-01)

BTEX 8021B	mg/	'ka	Δnalvze	d By: JH					
				-					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	05/09/2024	ND	2.05	102	2.00	6.55	
Toluene*	< 0.050	0.050	05/09/2024	ND	1.99	99.4	2.00	6.27	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	1.94	97.1	2.00	5.95	
Total Xylenes*	< 0.150	0.150	05/09/2024	ND	5.69	94.9	6.00	5.92	
Total BTEX	<0.300	0.300	05/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	84.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/09/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	191	95.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	195	97.7	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					
Surrogate: 1-Chlorooctane	63.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.8	% 49.1-14	R						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com Relinquished by: (Signature) Relinquished by: (Signature) S / およく C いつのい	TPLT Astronaut Caliche Pit #1	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4:	City, State ZIP: N	Address: 3	Company Name: C	Project Manager: C			
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S. & 24/110		Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	U		-			Preservative Codes	Other:	□RRP □Le		□RC [ents	Page1 o	132	
Time		nents	SAPC					NaOH: Na	HNO3: HN	Nation 120	DI Water: H ₂ O	odes		Level IV		perfund		of1	Page 4 of	· 1

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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

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 351366

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	351366
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites									
Incident ID (n#)	nAPP2409931184								
Incident Name	NAPP2409931184 GRAHAM NASH STATE COM 008H @ 0								
Incident Type	Oil Release								
Incident Status	Reclamation Report Received								
Incident Facility	[fAPP2203934991] Graham Nash St 8H Battery								

Location of Release Source										
Please answer all the questions in this group.										
Site Name	Graham Nash State Com 008H									
Date Release Discovered	03/17/2024									
Surface Owner	State									

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	Yes								
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	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 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 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

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QUESTIONS, Page 2

Action 351366

QUESTI	ONS (continued)
Operator: COG OPERATING LLC	OGRID: 229137
600 W Illinois Ave Midland, TX 79701	Action Number: 351366
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 s	rafety hazard that would result in injury.
The source of the release has been stopped	True

Initial Response									
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.									
The source of the release has been stopped	True								
The impacted area has been secured to protect human health and the environment	True								
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True								
All free liquids and recoverable materials have been removed and managed appropriately	True								
If all the actions described above have not been undertaken, explain why	Not answered.								

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

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

Name: Brittany Esparza
Title: Environmental Technician
Email: brittany.Esparza@ConocoPhillips.com
Date: 04/08/2024

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

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

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QUESTIONS, Page 3

Action 351366

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	351366
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Greater than 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Zero feet, overlying, or within area	
Categorize the risk of this well / site being in a karst geology	High	
A 100-year floodplain	Between 500 and 1000 (ft.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

ed to the appropriate district office no later than 90 days after the release discovery date.
Yes
nation associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Yes
No
n milligrams per kilograms.)
352
5680
4140
0
0.1
pleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
05/07/2024
05/07/2024
05/10/2024
0
0
1500
120
at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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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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 4

Action 351366

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	351366
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)		
Which OCD approved facility will be used for off-site disposal	Graham Nash St 8H Battery [fAPP2203934991]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process) Not answered.		

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

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

I hereby agree and sign off to the above statement

Name: Brittany Esparza
Title: Environmental Technician

Email: brittany.Esparza@ConocoPhillips.com

Date: 06/06/2024

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.

Released to Imaging: 6/13/2024 11:47:50 AM

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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

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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 5

Action 351366

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	351366
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

District III

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

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

QUESTIONS, Page 6

Action 351366

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Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	351366
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded 340947	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/07/2024
What was the (estimated) number of samples that were to be gathered	18
What was the sampling surface area in square feet	1800

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	1500
What was the total volume (cubic yards) remediated	120
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	N/A

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.

Name: Brittany Esparza

I hereby agree and sign off to the above statement

Title: Environmental Technician

Email: brittany.Esparza@ConocoPhillips.com

Date: 06/06/2024

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**

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

QUESTIONS, Page 7

Action 351366

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	351366
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Yes		
1500		
120		
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.		
Yes		
06/06/2024		
Spill in pad on reseeding needed. The caliche used for backfill was sampled and was below thresholds and the material is clean. The data is in Table 2.		

The responsible party must attach information demonstrating they have compiled with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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.

Name: Brittany Esparza
Title: Environmental Technician
Email: brittany.Esparza@ConocoPhillips.com
Date: 06/06/2024

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QUESTIONS, Page 8

Action 351366

QUESTIONS	(continued)
QUESTIONS!	COHUHUCU/

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	351366
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report		
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.		
Requesting a restoration complete approval with this submission	No	
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.		

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

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CONDITIONS

Action 351366

CONDITIONS

State of New Mexico Energy, Minerals and Natural Resources

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	351366
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Cre	ated By	Condition	Condition Date
rh	amlet	We have received your Remediation Closure Report for Incident #NAPP2409931184 GRAHAM NASH STATE COM 008H, thank you.	6/13/2024