

SITE INFORMATION

Closure Report RDX Federal 21-22 Incident ID: NAPP2416548536 Unit F Sec 21 T26S R30E Eddy County, New Mexico 32.0307274°, -103.8895874°

Produced Water Release Point of Release: Human Error Release Date: 06.03.2024 Volume Released: 10 Barrels of Produced Water Volume Recovered: 9 Barrels of Produced Water



Prepared for: Devon Energy 5315 Buena Vista Drive, Carlsbad, New Mexico 88220

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	EXCAVATION
	APPE	<u>NDICES</u>	
APPENDIX A	TABLES		
APPENDIX B	PHOTOS		
APPENDIX C	N.O.R AND FINAL C-14	1/NMOCD CORRESPO	ONDENCE
APPENDIX D	SITE CHARACTERIZA	TION AND GROUNDV	VATER
APPENDIX E	LABORATORY REPOR	RTS	



September 11, 2024

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

Re: Closure Report RDX Federal 21-22 Devon Energy Incident #: NAPP2416548536 Site Location: Unit F, S21, T26S, R30E (Lat 32.0307274°, Long -103.8895874°) Eddy County, New Mexico

Mr. Bratcher:

On behalf of Devon Energy (Devon), Carmona Resources, LLC has prepared this letter to document site activities for the RDX Federal 21-22. The site is located at 32.0307274°, -103.8895874° within Unit F, S33, T26S, and R30E, 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 June 3, 2024, due to human error. It resulted in the release of ten (10) barrels of produced water, with nine (9) barrels 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 medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.63 miles Southeast of the site in S22, T26S, R30E and was drilled in 2020. The well has a reported depth to groundwater of 105 feet below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Trenching

On June 24, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, four (4) trenches (T-1 through T-4) and

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



six (6) horizontal samples (H-1 through H-6) were advanced to depths ranging from the surface to 3' bgs inside and surrounding the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Envirotech Inc. in Farmington, 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 300.0. 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 guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD web portal on July 23, 2024, and August 12, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the NMOCD correspondence. A total of eighteen (18) confirmation floor samples (CS-1 through CS-18) and fourteen (14) sidewall samples (SW-1 through SW-14) were collected every 200 square feet to ensure the proper removal of the contaminated soils. The area of H-6 was extended to ensure horizontal bounding of the release. 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 Envirotech Inc. in Farmington, New Mexico. All collected samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

The sidewall area of SW-12 show elevated chloride levels was excavated to ensure the proper removal of all impacted material. For chemical analysis, the soil sample was collected and placed directly into a laboratory-provided sample container, stored on ice, and transported under the proper chain-of-custody protocol to Envirotech Inc. in Farmington, New Mexico. The collected sample was analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced from the MOS Crushing Pit. The pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300. Copies of the laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 270 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. Devon Energy formally requests the closure of this spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring Sr. Project Manager

Ivan Ramos Project Manager 310 West Wall Street, Suite Midland, Texas 7













APPENDIX A



Table 1 Devon Energy RDX 21-22 Eddy County, New Mexico

Semale ID	Data			TPH (TPH (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)
	6/24/2024	0-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,800
T-1	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	369
	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.8
	6/24/2024	0-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	21,900
T-2	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1-2	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	689
	II	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.0
	6/24/2024	0-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,800
T-3	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	566
1-5	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.3
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.4
	6/24/2024	0-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,800
T-4	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	307
1-4	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.8
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regula	atory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH- Total Petroleum Hydrocarbons ft-feet (T) Trench

Removed

Table 1 **Devon Energy** RDX 21-22 Eddy County, New Mexico

Sample ID	5			TPH	l (mg/kg)		Benzene Toluene Ethly	Ethlybenzene	Xylene	Total BTEX	Chloride	
	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
H-1	6/24/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	590
H-2	6/24/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	185
H-3	6/24/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	57.3
H-4	6/24/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	103
H-5	6/24/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.7
H-6	6/24/2024	0-0.5'	ND	244	216	460	ND	ND	ND	ND	ND	453
Regulator	y Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH- Total Petroleum Hydrocarbons ft-feet (H) Horizontal Sample

Removed

Table 2 **Devon Energy** RDX 21-22 Eddy County, New Mexico

Sample ID	Data	Donth (ft)		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)
CS-1	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	382
CS-2	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
CS-3	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	152
CS-4	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
CS-5	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	397
CS-6	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	382
CS-7	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	373
CS-8	7/26/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	219
CS-9	7/26/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	200
CS-10	7/26/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	208
CS-11	7/26/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.6
CS-12	7/26/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	122
CS-13	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	125
CS-14	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.6
CS-15	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.4
CS-16	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	297
CS-17	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	288
CS-18	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	293
	ry Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

Table 2 Devon Energy RDX 21-22 Eddy County, New Mexico

Sample ID	Data	Doubth (64)		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)
SW-1	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	225
SW-2	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	220
SW-3	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	364
SW-4	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	225
SW-5	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	318
SW-6	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	310
SW-7	7/26/2024	1.0'	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.2
SW-8	7/26/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.2
SW-9	7/26/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.3
SW-10	7/26/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.8
SW-11	7/26/2024	1.0'	ND	ND	ND	ND	ND	ND	ND	ND	ND	269
SW-12	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	665
	8/14/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-13	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	86.3
SW-14	7/26/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.4
MOS Crushing Pit SP	8/6/2024	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	183
Regulator	y Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons

ft - feet

(SW) - Sidewall Sample

Removed

APPENDIX B



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 1

Facility: RDX 21-22

County: Eddy County, New Mexico

Description: View Southwest, area of concern.



Photograph No. 2

Facility: RDX 21-22

County: Eddy County, New Mexico

Description:

View West, area of concern.

C 249°W (T) LAT: 32.030921 LON: -103.889982 ±13ft ▲ 3027ft



Photograph No. 3

Facility: RDX 21-22

County: Eddy County, New Mexico

Description: View North, area of concern,







PHOTOGRAPHIC LOG

Devon Energy



Photograph No. 6

Facility: RDX 21-22

County: Eddy County, New Mexico

Description: View Southeast, area of CS-6 through CS-8.





PHOTOGRAPHIC LOG

Devon Energy

Photograph	No. 7	
Facility: County:	RDX 21-22 Eddy County, New Mexico	© 2°N (T) LAT: 32.030853 LON: -103.889977 ±13ft ▲ 3027ft
Description: View North, a	rea of CS-9 through CS-12.	26.101.2024.11124.12
Photograph	No. 8	
Facility:	RDX 21-22	© 39°NE (T) LAT: 32.030912 LON: -103.890002 ±13ft ▲ 3027ft
County:	Eddy County, New Mexico	
Description: View Northea	st, area of CS-13 through CS-15.	
Photograph	n No. 9	SE S W W N 150 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Facility:	RDX 21-22	© 223°SW (T) LAT: 32.031139 LON: -103.889942 ±9ft ▲ 3040ft
County:	Eddy County, New Mexico	
Description: View Southwe	est, area of CS-16 through CS-18.	26 Jul 2024, 11:25:39

APPENDIX C



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

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

District III

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

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

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

QUESTIONS

Page 20eof 178

Action 353905

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102		OGRID: 246289 Action Number: 353905 Action Type: [NOTIFY] Notification Of Release (NOR)
QUESTIONS		
Location of Release Source		
Please answer all the questions in this group.	-	
Site Name	RDX 21-22	
Date Release Discovered	06/03/2024	
Surface Owner	Federal	
Incident Details		
Please answer all the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	
Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo Crude Oil Released (bbls) Details	Not answered.	e attached to the follow-up C-141 submission.
Produced Water Released (bbls) Details		nsport Produced Water Released: 10 BBL Recovered: 9 BBL
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	

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)

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

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

District III

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

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

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

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	353905
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a 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	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.
	tion immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare

Action 353905

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

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

District III

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

District IV

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

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

ACKNOWLEDGMENTS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	353905
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\checkmark}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
M	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.
	l 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.
	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.
	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.



Action 353905

Page 22:0f 178

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

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

District III

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

District IV

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

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	353905
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jraley	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/13/2024

Page 23cof 178

Action 353905

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

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

District III

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

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

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

Page 24cof 178 QUESTIONS

Action 366330

QUESTIONS

Operator: 0	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	366330
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2416548536
Incident Name	NAPP2416548536 RDX 21-22 @ 30-015-40561
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-40561] RDX FEDERAL 21 #022

Location of Release Source

Site Name	RDX 21-22
Date Release Discovered	06/03/2024
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.	
What is the sampling surface area in square feet	3,596
What is the estimated number of samples that will be gathered	38
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/26/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Miranda Milwee 432-813-9652
Please provide any information necessary for navigation to sampling site	From the intersection of NM-128 and Orla Rd trvl S on Orla Rd for 15 mi, trn R onto Stateline Rd. Trvl W for 9.51 mi trn R and trvl NW on Unnamed Lease Rd for 1.59 mi. Trn L on Unnamed Lease Rd, trvl W for 0.43 mi. Trn L on Unnamed Lease Rd and travel onto pad. Arrive at GPS coordinates.

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

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

District III

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

District IV

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

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	366330
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	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.	7/23/2024

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

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

District III

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

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

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

Page 26cof 178 QUESTIONS

Action 372782

QUESTIONS Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 372782 Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2416548536
Incident Name	NAPP2416548536 RDX 21-22 @ 30-015-40561
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-40561] RDX FEDERAL 21 #022

Location of Release Source

Site Name	RDX 21-22
Date Release Discovered	06/03/2024
Surface Owner	Federal

Liner Inspection Event Information

Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	200
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	08/14/2024
Time liner inspection will commence	11:30 AM
Please provide any information necessary for observers to liner inspection	32.031074, -103.889977
Please provide any information necessary for navigation to liner inspection site	Conner Moerhring (432) 813- 6823

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

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

District III

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

District IV

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

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

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	372782
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-1411)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	8/12/2024

Page 27eof 178

Action 372782

Released to Imaging: 9/27/2024 3:06:57 PM

Oil Conservation Division

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.

<u>Closure Report Attachment Checklist</u> : Each of the following it	tems 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 must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office									
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)									
Description of remediation activities										
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in									
Printed Name:	_ Title:									
Signature: /in Roles	Date:									
email:	Telephone:									
OCD Only										
Received by:	Date:									
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.									
Closure Approved by:	Date:									
Printed Name:	Title:									

APPENDIX D



Received by OCD: 9/11/2024 1:57:41 PM Nearest water well Devon Energy

Contraction of the

RDX FEDERAL 21 #022

105' GWDB - Drilled 2020

105 GWDB - Drilled 2020

55' GWDB - Drilled 2022



106.

Legend

- location 50 Mile Radius
- 🍰 0.65 Miles

- 🍰 1.05 Miles
- a 1.08 Miles
- 🍰 1.63 Miles
- 🍰 1.84 Miles
- Groundwater Determination Bore

Page 30 of 178

- RDX FEDERAL 21 #022
- USGS Water Well

117.03' - Drilled 1987

106.7' GWDB - Drilled 2020



Received by OCD: 9/11/2024 1:57:41 PM WEGIUM Karst

Devon Energy

GRDX FEDERAL 21 #022









RDX FEDERAL 21 #022



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 a				SW 4=SE)) AD83 UTM in me	iters)	(In feet)	
water right me.)	POD Sub-	,	QQQ			U	St) (N7		·		Depth	Water
POD Number C 04629 POD1	Code basin Co CUB	ounty ED	64164 434				X 605381	Y 3543462 😜	Distance 1059	Well	Water C	olumn
								_		25		
<u>C 04798 POD8</u>		ED	2 4 1				604956	3545986	1608	35		
C 04625 POD1		ED	132				605340	3542781 🍑	1671	55		
C 04068 POD1	CUB I	ED	131	16	26S	30E	604397	3546018 🌍	1699			
C 04798 POD9	CUB I	ED	232	16	26S	30E	605453	3545978 🌍	1706	35		
C 04798 POD6	CUB I	ED	232	16	26S	30E	605432	3545989 🌍	1710	35		
C 04798 POD10	CUB I	ED	232	16	26S	30E	605453	3545985 🌍	1713	10		
C 04798 POD7	CUB I	ED	232	16	26S	30E	605445	3545993 🌍	1718	35		
C 04798 POD11	CUB I	ED	232	16	26S	30E	605461	3545989 🌍	1720	10		
C 04798 POD12	CUB I	ED	232	16	26S	30E	605464	3545993 🌍	1724	35		
C 04798 POD2	CUB I	ED	142	16	26S	30E	605590	3546051 🌍	1826	35		
C 04798 POD4	CUB I	ED	142	16	26S	30E	605598	3546050 🌍	1829	35		
C 04798 POD3	CUB I	ED	142	16	26S	30E	605595	3546056 🌍	1833	35		
C 04798 POD1	CUB I	ED	142	16	26S	30E	605592	3546061 🌍	1836	35		
C 04798 POD5	CUB I	ED	142	16	26S	30E	605604	3546062 🌍	1841	35		
C 04655 POD1	CUB I	ED	122	16	26S	30E	605726	3546472 🌍	2267			
C 04802 POD1	CUB I	ED	4 4 3	33	26S	30E	605058	3541059 🌍	3327	105		
C 03483	CI	ED	444	05	26S	30E	604296	3548251 🌍	3910	700	200	500
C 03581 POD1	CUB I	ED	4 4 4	05	26S	30E	604298	3548291 🌍	3950	800	320	480
								Avera	ge Depth to	Water:	260 fe	eet
									Minimum	Depth:	200 fe	eet
									Maximum	Depth:	320 fe	et
Record Count: 19												
UTMNAD83 Radius S	earch (in meters	s):										
Easting (X): 60485	Northing	g (Y):	354	4380.52		Radius	4000					

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

5/29/24 12:19 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

DIAGRA	ELL COMPLETIO	MONITORING W	NG LOG	BORI!			2024 1::		HR	irea by	Accel
	RDX Federal C	fW-1	COMPLIANCE								
	Client:	111-1	IV	Date:		SOLUTIONS					
rgy	WPX End	9/2020	12/	-							
DE	Drilled By: Talon L	nn, P.G.	1.1.2	Logged By:	g Method: Sampling Method: Air Rotary None						
ь -	Latitude:	Seal Depth Interval:	J. LI	Seal Type:			k Depth Inter	Gravel Pac	7.		Gravel Pack
71	32.0225	None	one	N		igs	3 Ba		The second second	0/20 San	10
371	Longitude: -103.884	GS): 10	Depth (ft. B	Boring Total			Depth Interv 0-100 fe		Diameter: 2-inch		asing Typ PVC
DTW Date:			epth (ft. BG	Well Total I	Interval:		Diameter:		Slot:		ereen Typ
12/16/202	> 105	05	1		105 ft	100 -	2-inch	nch	0.010-in		PVC
Well Completio	y/Remarks	Litholog	Sample ID	uscs	PID (ppm)	Staining	Odor	Moisture	Plasticity	Recovery (ft)	Depth Interval (ft)
	poorly graded fine		NS	SP	NM	N	N	D	L	NM	0 5 10 15
	le red clay, dry, with ind minor caliche		NS	CL	NM	N	N	D	Н	NM	20
	e red poorly graded sand		NS	SP	NM	N	N	D	L	NM	25 30 35 40 45
	orly graded fine sand silt and clay		NS	SP	NM	N	N	D	L	NM	50 55 60
	e red poorly graded		NS	SP	NM	N	N	D	L	NM	65 70 75
	olor fine sand with and and clay	NS	SC	NM	N	N	D	М	NM	80 85 90	
	ith silt and fine sand	Brown orange clay w	NS	CL	NM	N	N	D	Н	NM	95
	buff colored clay with g: 110' BGS; Sand 110' ' BGS	fine sand - TD Boring	NS	SC	NM 5 <i>7 PM</i>	N 2.06.	N 7/2024	D	Н	NM	100



WELL RECORD & LOG OFFICE OF THE STATE ENGINEER

DSE DIT AUG 8 2022 MIC:19

www.ose.	state.nm.ı	15	

ION	OSE POD NO POD 1 (TV	W-1)			WELL TAG ID NO. N/A			OSE F C-462	FILE NO(25	S).						
OCAT	WELL OWNER NAME(S) Devon Energy									PHONE (OPTIONAL) 575-748-1838						
GENERAL AND WELL LOCATION	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy											STAT NM		ZIP		
Ę	WELL DEGREES MINUTES SECONDS															
T A	LOCATIC		TITUDE	32	0	58.5	53 N	* ACC	CURACY	REQUIRED: 0	ONE TENI	TH OF	A SECOND			
VERA	(FROM GI	PS)	NGITUDE	103	53	4.5		* DA1	TUM REG	QUIRED: WGS	84					
1. GE	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE NW SW NE Sec.28 T26S R30S NMPM															
	LICENSE NO).	NAME OF LICENSED	DRILLER						NAME OF W	VELL DRI	LLING	COMPANY			
	124				Jackie D. Atkins					At	kins Eng	ineeri	ng Associates, I			
	DRILLING S 6/15/2		DRILLING ENDED 6/15/2022		OMPLETED WELL (FI emporary Well	Γ)	BORE HOI	LE DEPT ±55	TH (FT)	DEPTH WA	TER FIRS		OUNTERED (FT) a			
z	COMPLETED WELL IS: ARTESIAN / DRY HOLE SHALLOW (UNCONFINED) IN (WATER LEVE PLETED WELI		a	DATE STATIC			
TIO	DRILLING FLUID: AIR MUD ADDITIVES – SPECIFY:															
& CASING INFORMATION									Hollow Stem Auger CHECK HERE IF PITLESS ADAPTER IS INSTALLED INSTALLED							
NFC	DEPTH	(feet bgl)	BORE HOLE	CASING	CASING MATERIAL AND/OR			ASING		CASI	JG	CA	SING WALL	SLOT		
15	FROM TO DIAM			GRADE			CONNECTION					HICKNESS	SIZE			
ASIN			(inches)	(include note	each casing string, sections of screen)	TYPE (add coupling diameter)			(inches)			(inches)	(inches)			
\$ 0	0	55	±6.5		Boring-HSA											
NG																
ПЛ																
2. DRILLING																
5																
	DEPTH	(feet bgl)	BORE HOLE DIAM. (inches)		LIST ANNULAR SEAL MATERIAL AND						DUNT		METHO			
IAI	FROM	ТО	DIAM. (inches)	GRA	VEL PACK SIZE-	KANGE	BYINTE	RVAL	,	(cub)	c feet)		PLACEN	IENI		
TEH																
MA																
AR																
IUL																
ANNULAR MATERIAL																
3.1																
FOR	OSE INTER	NAL USE							WR-2	0 WELL RE	CORD &	LOC	G (Version 01/2	8/2022)		

FILE NO. C-04625	POD NO.	_	TRN NO.	726170	
LOCATION 265. 30E. 28.1.3.2		WEI	L TAG ID NO		PAGE 1 OF 2

.

	DEPTH (1	feet bgl) TO	THICKNESS (feet)	INCLUDE WATE	D TYPE OF MATER R-BEARING CAVIT plemental sheets to f	TIES O	R FRAC	TURE ZONE	s	WA BEAR (YES	ING?	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	20	20	Sand, Fine-gra	Y	√ N						
	20											
	40	55	15		ained, poorly graded,		-			Y	✓ N	
					Y	N						
										Y	N	
L										Y	N	
VEL										Y	N	
OF V		J								Y	N	
0G										Y	N	
ICL										Y	N	
DO										Y	N	
EOI										Y	N	
4. HYDROGEOLOGIC LOG OF WELL										Y	N	
IXD									_	Y	N	
4. F										Y	N	
										Y	N	
										Y	N	
										Y	N	
										Y	N	
										Y	N	
										Y	N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING	G STRATA:				TOTA	AL ESTIN	IATED	
			IR LIFT	BAILER OT	HER - SPECIFY:				WEL	L YIELD	(gpm):	0.00
NOIS	WELL TES	TEST	RESULTS - ATT	ACH A COPY OF DAT ME, AND A TABLE SH	A COLLECTED DU							
	MISCELLA	NEOUS INF	ORMATION: Te	emporary well materia	l removed and soil	horin	a hackf	illed using dr	ill cutt	ings from	n total d	enth to ten feet
TEST; RIG SUPERVI			be	elow ground surface(b	gs), then hydrated b	penton	ite chip	s ten feet bg	to su	face.	n totai u	
GSU												
ſ; RI								0	SE 0	II AUG	8 2020	P.1:01MR
FES	PRINT NAM	E(S) OF DI	RILL RIG SUPER	VISOR(S) THAT PRO	VIDED ONSITE SUP	PERVI	SION O	F WELL CON	STRU	CTION O	THER TH	IAN LICENSEE:
ŝ	Shane Eldrid	lge, Camer	on Pruitt									
TURE	CORRECT I	RECORD OI	F THE ABOVE I	FIES THAT, TO THE B DESCRIBED HOLE AN 80 DAYS AFTER COM	D THAT HE OR SH	E WIL	L FILE					
6. SIGNATURE	Jack .	Atkins		Jac	ckie D. Atkins		_			8/4/	2022	
-	SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE											
FO		NAL LICE						WD 20 HUE	IDE	COPD #		rsion (1/28/2022)
	$\frac{\text{R OSE INTERI}}{\text{E NO.}}$	04625			POD NO.							rsion 01/28/2022)
LO	FILE NO. C-04625 POD NO. TRN NO. 726170 LOCATION 265. 30E. 28. 1.3.7 WELL TAG ID NO. PAGE 2 OF 2											



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

Page 36 of 178

August 4, 2022

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4625 Pod1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4625 Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Caron Middland

Lucas Middleton

Enclosures: as noted above

DEE DIT AUG 8 2022 PM10:19
Page	37	of	108
------	----	----	-----

•

		HR		1.74	10				MONITORING W	ELL COMPLETIO	N DIAGRAM
		CO	MPL	IAN	CE		Boring/Wel		W-1	Location: Ross Draw U	J nit #38
	-	S O	LUI		N S		Date:	12/8	3/2020	Client: WPX En	erav
Drilling Me	ethod:		Sampling 1	Method:			Logged By:		3/2020	Drilled By:	cigy
	Air Rotai	ry			one			J. Liı	nn, PG	Talon L	PE
Gravel Pac		ad	Gravel Pac	ck Depth Inte			Seal Type:	Ione	Seal Depth Interval: None	Latitude:	200
Casing Typ	0/20 Sar	Diameter:		3 B Depth Inter	ags val:			al Depth (ft. BC		32.0303 Longitude:	500
	VC	2-inch		0-100 fe				1(05	-103.871	338
Screen Typ		Slot:	1	Diameter:	· ·	Interval:	Well Total	Depth (ft. BGS		Depth to Water (ft. BTOC):	DTW Date:
PV		<u>0.010-i</u> i	nch	2-inch	100-	105 ft			05	> 105	12/16/2020
Depth Interval (ft)	Recovery (ft)	Plasticity	Moisture	Odor	Staining	PID (ppm)	NSCS	Sample ID	Litholog	y/Remarks	Well Completion
0 5 10 15	NM	L	D	N	N	NM	SW	NS	Pale orange/pale pink to buff colored fine sand with minor medium and coarse sand		-
20 25 30	NM	L	D	N	N	NM	SP	NS	Pale orange/pale pink poorly graded fine sand		
35 40 45 50 55 60 65	NM	L	D	N	N	NM	SP	NS	Tan/pale brown/pale orange poorly graded fine sand		
70 75 80 85 90 95	NM	L	D	N	N	NM	SP	NS		poorly graded fine	
100	NM	L	D	N	N	NM	SP	NS	Tan/pale brown/pal graded fine sand - 7		

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 USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide._____
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320125103514701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320125103514701 26S.30E.22.44124

Eddy County, New Mexico Latitude 32°01'25", Longitude 103°51'47" NAD27 Land-surface elevation 3,044 feet above NGVD29 This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer. **Output formats**

·	output formats
Table of data	
Tab-separated data	
Graph of data	
Reselect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source (measur(
1987-10-21		D	62610		2926.97	NGVD29	1		S	
1987-10-21		D	62611		2928.54	NAVD88	1	:	S	
1987-10-21		D	72019	117.03			1	:	S	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.

Section	Code	Description
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

Questions or Comments Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey 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: 2023-11-22 08:48:02 EST 0.28 0.24 nadww01



Kec	ervea						Boring/Wel	Number;		WELL COMPLET			
		60		IAN.	~ **		MW-1 Ross Draw 0 Date: Client: 12/9/2020 WPX Ea			Ross Draw Unit #55			
		S 0	LU	TIO	NS					nergy			
willing Me	thed		Sampling	Method			Logged By:		512020	Drilled By:			
	ir Rota	ry	10000	No	one		1227.025	J.L	inn, PG	Talon L	PE		
inavel Paci			Gravel Pa	ck Depth Inte			Seal Type:		Seal Depth Interval:	Latitude:			
	0/20 Sa			3 B	lags			one	None	32.0161	65		
asing Typ	e:	Diameter:		Depth Inter			Boring Tota	l Depth (ft. B		Longitude:			
VC		2-inch	2	0-101'7				l(Depth (B. BG)67"	-103.86			
WC	e:		1.	Dianeter.		Interval: = 106'7"	Well Total		s) 6"7"	Depth to Water (B. BTOC): >106° 7"	DTW Date: 12/16/2020		
and a second		0.010	nch	2-inch	101-7*	-1067	-	10	16.7.	>106 /	12/16/2020		
Depth Interval (ft)	Recovery (ft)	Plasticity	Moisture	Odor	Staining	(mqq) (II'q	USCS	Sample ID	Litholo	Well Completion			
0	š –			· · · · · ·		-	· · · · ·						
5	NM	L	D	N	N	NM	SP	NS		Pale pink to buff colored poorly graded			
10	Teles	-		ै	1	INIM	ar	14.5	sand with minor silt		T II		
15											t		
	-	-	<u> </u>	-				-	-		+		
20	0.087	1.00	12244	- 60-2 ×	1.252	37055	2300		Pale tan orange well graded fine sand with minor medium and coarse sand		1		
25	NM	L	D	N	N	NM	SW	NS					
30	1										T II		
35	2								-		t		
											+		
40	5										1		
45	NM	L	D	N	N	NM	SP	NS	Pale orange brow	wn poorly graded fine			
50	NM	L	D	N	N	NM	SP	NS	sand with	n minor gravel	T		
55	8										1		
											+ II		
60											1 1		
65	5				-	-	2						
70									1.		T II		
75	NM	L	D	N	N	NM	SP	NS		aded fine sand with	t		
				<u></u>				1.40	min	or gravel	+		
80	3									·	+		
85		-	-				-				+		
90 95	NM	L	D	N	N	NM	SP	NS	with minor silt an	orly graded fine sand id minor medium sand			
100	NM	м	D	N 9/2	N	NM	SC	NS M		and with moderate silt - TD 106'7"	I I		

FEMA National Flood Hazard Layer (NFHL)



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

FEMA National Flood Hazard Layer (NFHL)



600ft

Maxar | 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

RDX FEDERAL 21 #022 (05.26.2024)



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

New Mexico Oil Conservation Division

APPENDIX E





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: RDX 21-22

Work Order: E406243

Job Number: 01058-0007

Received: 6/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/2/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/2/24

Jim Raley 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 21-22 Workorder: E406243 Date Received: 6/26/2024 6:00:00AM

Jim Raley,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/26/2024 6:00:00AM, under the Project Name: RDX 21-22.

The analytical test results summarized in this report with the Project Name: RDX 21-22 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: **Southern New Mexico Area** Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Page 46 of 178

•

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
T-1 (0-1.0')	6
T-1 (1.5')	7
T-1 (2.0')	8
T-2 (0-1.0')	9
T-2 (1.5')	10
T-2 (2.0')	11
T-2 (3.0')	12
T-3 (0-1.0')	13
T-3 (1.5')	14
T-3 (2.0')	15
T-3 (3.0')	16
T-4 (0-1.0')	17
T-4 (1.5')	18
T-4 (2.0')	19
T-4 (3.0')	20
QC Summary Data	21
QC - Volatile Organic Compounds by EPA8260B	21
QC - Nonhalogenated Organics by EPA 8015D - GRO	22
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	23
QC - Anions by EPA 300.0/9056A	24

•

Table of Contents (continued)

Definitions and Notes	25
Chain of Custody etc.	26

Sample Summary

		sample sum	llial y		
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	RDX 21-22 01058-0007 Jim Raley		Reported: 07/02/24 12:52
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Γ-1 (0-1.0')	E406243-01A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-1 (1.5')	E406243-02A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-1 (2.0')	E406243-03A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-1 (3.0')	E406243-04A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-1 (4.0')	E406243-05A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
-2 (0-1.0')	E406243-06A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
-2 (1.5')	E406243-07A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
-2 (2.0')	E406243-08A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-2 (3.0')	E406243-09A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-3 (0-1.0')	E406243-10A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-3 (1.5')	E406243-11A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
T-3 (2.0')	E406243-12A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
T-3 (3.0')	E406243-13A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-4 (0-1.0')	E406243-14A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
-4 (1.5')	E406243-15A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
-4 (2.0')	E406243-16A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
F-4 (3.0')	E406243-17A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.



	50	imple D	ala				
Carmona Resources	Project Name:		K 21-22				
310 West Wall St. Suite 415	Project Numbe		58-0007				Reported:
Midland TX, 79701	Project Manage	er: Jim	Raley				7/2/2024 12:52:27PM
	r	Г-1 (0-1.0')					
]	E406243-01					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
p-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		101 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		101 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/27/24	
Dil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/27/24	
Surrogate: n-Nonane		97.6 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2426045
Chloride	22800	1000	4	50	06/26/24	06/26/24	





	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numl Project Mana	ber: 0105	K 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-1 (1.5')					
		E406243-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
p-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		99.6 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		99.6 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/27/24	
Surrogate: n-Nonane		90.4 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2426045
Chloride	369	20.0		1	06/26/24	06/26/24	



.

Page 51 of 178

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	ber: 0105	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-1 (2.0')					
		E406243-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		102 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		98.3 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		102 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		98.3 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/27/24	
Surrogate: n-Nonane		84.2 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2426045
Chloride	29.8	20.0		1	06/26/24	06/26/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numł Project Mana	ber: 0105	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-2 (0-1.0')					
		E406243-06					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/27/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/27/24	
Toluene	ND	0.0250		1	06/26/24	06/27/24	
p-Xylene	ND	0.0250		1	06/26/24	06/27/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/27/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/27/24	
Surrogate: Bromofluorobenzene		99.1 %	70-130		06/26/24	06/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		06/26/24	06/27/24	
Surrogate: Toluene-d8		96.7 %	70-130		06/26/24	06/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/27/24	
Surrogate: Bromofluorobenzene		99.1 %	70-130		06/26/24	06/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		06/26/24	06/27/24	
Surrogate: Toluene-d8		96.7 %	70-130		06/26/24	06/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: NV			Batch: 2426064	
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/27/24	
Surrogate: n-Nonane		78.9 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2426045
Chloride	21900	400		20	06/26/24	06/26/24	



	S	ample D	ata				
310 West Wall St. Suite 415	Project Name Project Numb Project Manaş	oer: 0105	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-2 (1.5')					
		E406243-07					
		Reporting					
Analyte	Result	Limit	Di	ilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		96.1 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		96.1 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/27/24	
Surrogate: n-Nonane		83.5 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2426045
Chloride	10000	200		10	06/26/24	06/26/24	



	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Manag	oer: 0105	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-2 (2.0')					
		E406243-08					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		96.5 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		96.5 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/27/24	
Dil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/27/24	
Surrogate: n-Nonane		88.5 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2426045
Chloride	689	20.0		1	06/26/24	06/26/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	ber: 0103	K 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-2 (3.0')					
		E406243-09					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		100 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		96.0 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		100 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		96.0 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/27/24	
Surrogate: n-Nonane		85.3 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2426045
Chloride	75.0	20.0		1	06/26/24	06/26/24	

	S	Sample D	ata				
Carmona Resources	Project Name	e: RDZ	X 21-22				
310 West Wall St. Suite 415	Project Num	ber: 0105	58-0007				Reported:
Midland TX, 79701	Project Mana	ager: Jim	Raley				7/2/2024 12:52:27PM
		T-3 (0-1.0')					
		E406243-10					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RF	KS .		Batch: 2426049
Benzene	ND	0.0250	1	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	l	06/26/24	06/28/24	
Toluene	ND	0.0250	1	l	06/26/24	06/28/24	
p-Xylene	ND	0.0250	1	l	06/26/24	06/28/24	
o,m-Xylene	ND	0.0500	1	l	06/26/24	06/28/24	
Total Xylenes	ND	0.0250	1	1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		103 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		97.4 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RF	KS .		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		103 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		97.4 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/OR() mg/kg	mg/kg		Analyst: NV			Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/27/24	06/27/24	
Dil Range Organics (C28-C36)	ND	50.0	1	1	06/27/24	06/27/24	
Surrogate: n-Nonane		81.1 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D]	Γ		Batch: 2426045
Chloride	16800	400	20	0	06/26/24	06/26/24	

	S	Sample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Nam Project Num Project Man	ber: 0103	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-3 (1.5')					
		E406243-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		97.3 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		97.3 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg		Analyst	NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/28/24	
Surrogate: n-Nonane		81.7 %	50-200		06/27/24	06/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2426045
Chloride	566	20.0		1	06/26/24	06/27/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	ber: 0105	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-3 (2.0')					
		E406243-12					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
p-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		100 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		94.0 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		100 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		94.0 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2426064	
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/28/24	
Surrogate: n-Nonane		82.3 %	50-200		06/27/24	06/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2426045
Chloride	59.3	20.0		1	06/26/24	06/27/24	



	Sa	ample D	ata				
310 West Wall St. Suite 415	Project Name: Project Numbe Project Manag	er: 0105	K 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-3 (3.0')					
		E406243-13					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		95.9 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		95.9 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/28/24	
Surrogate: n-Nonane		80.6 %	50-200		06/27/24	06/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2426045
Chloride	43.4	20.0		1	06/26/24	06/27/24	

	S	Sample D	ata				
Carmona Resources	Project Name	e: RDZ	X 21-22				
310 West Wall St. Suite 415	Project Num	ber: 0105	58-0007				Reported:
Midland TX, 79701	Project Mana	ager: Jim	Raley				7/2/2024 12:52:27PM
		T-4 (0-1.0')					
		E406243-14					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	KS		Batch: 2426049
Benzene	ND	0.0250	1	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	1	06/26/24	06/28/24	
Toluene	ND	0.0250	1	1	06/26/24	06/28/24	
o-Xylene	ND	0.0250	1	1	06/26/24	06/28/24	
o,m-Xylene	ND	0.0500	1	1	06/26/24	06/28/24	
Fotal Xylenes	ND	0.0250	1	1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
urrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/26/24	06/28/24	
urrogate: Toluene-d8		96.7 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: F	KS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		96.7 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO) mg/kg	mg/kg		Analyst: NV			Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/27/24	06/28/24	
Dil Range Organics (C28-C36)	ND	50.0	1	1	06/27/24	06/28/24	
Gurrogate: n-Nonane		82.7 %	50-200		06/27/24	06/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	DT		Batch: 2426045
Chloride	14800	400	2	0	06/26/24	06/27/24	

	S	ample Da	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numl Project Mana	ber: 0105	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-4 (1.5')					
		E406243-15					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		97.1 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		97.1 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/28/24	
Surrogate: n-Nonane		84.4 %	50-200		06/27/24	06/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2426045
Chloride	307	20.0		1	06/26/24	06/27/24	



	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	ber: 0105	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-4 (2.0')					
		E406243-16					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		93.0 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		93.0 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/28/24	
Dil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/28/24	
Surrogate: n-Nonane		82.5 %	50-200		06/27/24	06/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2426045
Chloride	52.8	20.0		1	06/26/24	06/27/24	

	S	Sample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Nam Project Num Project Mana	ber: 0105	X 21-22 58-0007 Raley				Reported: 7/2/2024 12:52:27PM
		T-4 (3.0')					
		E406243-17					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		95.9 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2426049
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130		06/26/24	06/28/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		06/26/24	06/28/24	
Surrogate: Toluene-d8		95.9 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2426064
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/28/24	
Dil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/28/24	
Surrogate: n-Nonane		82.9 %	50-200		06/27/24	06/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2426045
Chloride	ND	100		5	06/26/24	06/27/24	

QC Summary Data

		QC SI	1111111a	II y Dat	a				
Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		DX 21-22 058-0007					Reported:
		•						7/	2/2024 12:52:27PM
Midland TX, 79701		Project Manager:	Jir	n Raley				11	2/2024 12:32:27PM
		Volatile Organic	Compo	unds by El	PA 82601	B			Analyst: RKS
Analyte	Decult	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2426049-BLK1)							Prepared: 0	6/26/21 Ano	lyzed: 06/27/24
Benzene	ND	0.0250					Trepared. 0	0/20/24 Alla	Iyzed: 00/27/24
	ND								
Ethylbenzene	ND	0.0250							
Toluene		0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.475		0.500		94.9	70-130			
LCS (2426049-BS1)							Prepared: 0	6/26/24 Ana	lyzed: 06/27/24
Benzene	2.54	0.0250	2.50		102	70-130			
Ethylbenzene	2.52	0.0250	2.50		101	70-130			
Foluene	2.38	0.0250	2.50		95.0	70-130			
p-Xylene	2.51	0.0250	2.50		100	70-130			
o,m-Xylene	5.00	0.0500	5.00		99.9	70-130			
Fotal Xylenes	7.51	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	0.510	0.0250	0.500		102	70-130			
			0.500		93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.469 0.485		0.500		95.8 97.0	70-130			
Matrix Spike (2426049-MS1)				Source:	E406243-	06	Prepared: 0	6/26/24 Ana	lyzed: 06/27/24
• • •	2.43	0.0250	2.50	ND	97.1	48-131	110pulou o	0,20,21 Thia	
Benzene		0.0250	2.50						
Ethylbenzene	2.40	0.0250	2.50	ND	95.8	45-135			
Toluene	2.27	0.0250	2.50	ND	90.8	48-130			
p-Xylene	2.48	0.0250	2.50	ND	99.1	43-135			
p,m-Xylene	4.94	0.0500	5.00	ND	98.9	43-135			
Total Xylenes	7.42	0.0250	7.50	ND	99.0	43-135			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			
Matrix Spike Dup (2426049-MSD1)				Source:	E406243-	06	Prepared: 0	6/26/24 Ana	lyzed: 06/27/24
Benzene	2.44	0.0250	2.50	ND	97.4	48-131	0.267	23	
Ethylbenzene	2.44	0.0250	2.50	ND	97.6	45-135	1.90	27	
Toluene	2.30	0.0250	2.50	ND	92.0	48-130	1.29	24	
p-Xylene	2.44	0.0250	2.50	ND	97.7	43-135	1.38	27	
p,m-Xylene	4.87	0.0500	5.00	ND	97.4	43-135	1.56	27	
Total Xylenes	7.31	0.0250	7.50	ND	97.5	43-135	1.50	27	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
	0.515								
Surrogate: 1.2-Dichloroathare d4	0 407		0 500		90 A	70-130			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.497 0.495		0.500 0.500		99.4 98.9	70-130 70-130			



QC Summary Data

		QC DI		iry Data					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	01	DX 21-22 058-0007 n Raley					Reported: 7/2/2024 12:52:27PM
	No	onhalogenated O	rganics	by EPA 80	15D - Gl	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2426049-BLK1)							Prepared: 0	6/26/24 A	Analyzed: 06/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.475		0.500		94.9	70-130			
LCS (2426049-BS2)							Prepared: 0	6/26/24 A	Analyzed: 06/27/24
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.1	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			
Matrix Spike (2426049-MS2)				Source:	E406243-	06	Prepared: 0	6/26/24 A	Analyzed: 06/27/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
Matrix Spike Dup (2426049-MSD2)				Source:	E406243-(06	Prepared: 0	6/26/24 A	Analyzed: 06/27/24
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130	0.491	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



QC Summary Data

		QC DI	umma	ii y Dat	a				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	01	DX 21-22 058-0007 n Raley					Reported: 7/2/2024 12:52:27PM
	Nonh	alogenated Orga	anics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2426064-BLK1)							Prepared: 0	6/27/24 A	analyzed: 06/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.9		50.0		93 .7	50-200			
LCS (2426064-BS1)							Prepared: 0	6/27/24 A	analyzed: 06/27/24
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	49.7		50.0		99.3	50-200			
Matrix Spike (2426064-MS1)				Source:	E406243-	09	Prepared: 0	6/27/24 A	analyzed: 06/27/24
Diesel Range Organics (C10-C28)	264	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	50.6		50.0		101	50-200			
Matrix Spike Dup (2426064-MSD1)				Source:	E406243-	09	Prepared: 0	6/27/24 A	analyzed: 06/27/24
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132	3.69	20	
Surrogate: n-Nonane	47.9		50.0		95.8	50-200			



QC Summary Data

		QC D	u1111110	ii y Data	a				
Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		DX 21-22 058-0007					Reported:
Midland TX, 79701		Project Manager:	Jii	m Raley					7/2/2024 12:52:27PM
		Anions l	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2426045-BLK1)							Prepared: 0	6/26/24 A	Analyzed: 06/26/24
Chloride	ND	20.0							
LCS (2426045-BS1)							Prepared: 0	6/26/24 A	Analyzed: 06/26/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2426045-MS1)				Source:	E406243-0	03	Prepared: 0	6/26/24 A	Analyzed: 06/26/24
Chloride	286	20.0	250	29.8	103	80-120			
Matrix Spike Dup (2426045-MSD1)				Source:	E406243-0	03	Prepared: 0	6/26/24 A	Analyzed: 06/26/24
Chloride	288	20.0	250	29.8	103	80-120	0.524	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

_		201110101		
Γ	Carmona Resources	Project Name:	RDX 21-22	
	310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
	Midland TX, 79701	Project Manager:	Jim Raley	07/02/24 12:52

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 9/27/2024 3:06:57 PM

Work Order No: <u>E406243</u> Job # - 01058-0007

Project Manager:	Miranda Mi	ilwee			Bill to: (if	different)		Jim F	aley						厚いな			Work	Orde	er Comments			
Company Name:	Carmona F	Resources			Compan	y Name:		Devo	n Ener	gy					Program: UST/PST PRP rownfields RRC uperfund								
Address:	310 W Wa	II St Ste 500			Address		-			Vista D	r				Level and	of Proje		_					
STATISTICS AND ADDRESS OF ADDRESS	Midland, T				City, Sta	te ZIP:		Carls	bad N	M, 8822)				Repor	ting:Lev	el II 🗌	Level II	II 🕞	ST/UST TRRP Level IV			
	(432) 813-9			Emai	il: jim.ralev		om								Delive	rables:	EDD		AD	aPT D Other:			
Project Name:		RDX 21-22		Tur	n Around		-					ANA	LYSIS	REQL	IEST					Preservative Codes			
Project Number:		2402		✓ Routine	Rus	h	Pres. Code													None: NO DI Water: H ₂ O			
Project Location	E	ddy County, New	Mexico	Due Date:																Cool: Cool MeOH: Me			
Sampler's Name:		MM							RO)											HCL: HC HNO3: HN			
PO #:		12490199					y)		+ MRO)											H ₂ S0 ₄ : H ₂ NaOH: Na			
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	В	DRO	300.0										H ₃ PO ₄ : HP			
Received Intact:		Yes No	Thermometer II	D:			ram	8021	+ 0	e 30										NaHSO4: NABIS			
Cooler Custody Seals	s: Y	res No N/A	Correction Fact	tor:			Pa	BTEX 8021B	GRI	Chloride									E E	Na2S2O3: NaSO3			
Sample Custody Sea	als: Y	res No N/A	Temperature R	eading:	5			8	5M (ъ										Zn Acetate+NaOH: Zn			
Total Containers:	a most		Corrected Tem	perature:					TPH 8015M (GRO + DRO											NaOH+Ascorbic Acid: SAPC			
Sample Iden	tification	Date		Soil	Water	Grab/ Comp	# of Cont		ЧЦ											Sample Comments			
T-1 (0-1	1.0')	6/24/2024		X		G	1	×	x	x			1							1			
T-1 (1	.5')	6/24/2024	(4)	X		G	1	x	x	x										2			
T-1 (2.	0')	6/24/2024		X		G	1	x	x	x										2			
T-1 (3	.0')	6/24/2024		X		G	1												;	x J			
T-1 (4	.0')	6/24/2024		X	-	G	1												;	x S			
T-2 (0-1	1.0')	6/24/2024		X		G	1	x	x	x										6			
T-2 (1	.5')	6/24/2024		X		G	1	x	x	x										7			
T-2 (2	.0')	6/24/2024		X		G	1	x	x	x										Ś			
T-2 (3.	.0')	6/24/2024		X		G	1	×	x	x										9			
T-3 (0-1	1.0')	6/24/2024		X		G	1	X	x	x										01			

Rage 70 of 178

Work Order No: <u>E406243</u>

Project Manager:	Miranda Mil	wee			Bill to: (if	different)		Jim F	aley									Wor	k Ord	ler C	Comments
Company Name:	Carmona R	esources			Compan	y Name:		Devo	n Ener	gy					Program: UST/PST PRP rownfields RRC uperfund						
Address:	310 W Wall				Address	Distance in the second		5315 Buena Vista Dr							e of Pro						
City, State ZIP:	Midland, TX				City, Star					M, 8822					Rep	orting:L	evel II	Level		PST	
phone:	(432) 813-9			Emai	I: jim.ralev		om								Deli	verable	s: EDD		AD	DaP1	Г 🛛 Other:
Project Name:		RDX 21-22		Turi	n Around		Sarah				1992	AN	NALYS	IS RE	QUEST	•					Preservative Codes
Project Number:		2402		Routine	Rus	h	Pres. Code														None: NO DI Water: H
Project Location	Ed	ldy County, New	Mexico	Due Date:																	Cool: Cool MeOH: Me
Sampler's Name:		MM							RO)	TPH 8015M (GRO + DRO + MRO) Chloride 300.0											HCL: HC HNO3: HN
PO #:		12490199					ę		N + 0												H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	18	DRO	0.0											H ₃ PO ₄ : HP
Received Intact:		Yes No	Thermometer ID):			aran	802	¢	de 30										0	NaHSO ₄ : NABIS
Cooler Custody Sea	RECEIPT Temp Blank: Yes No Wet Ice: Yes No Temp Blank: act: Yes No Thermometer ID:											Ħ	Na ₂ S ₂ O ₃ : NaSO ₃								
Sample Custody Sea	als: Y	es No N/A	Temperature Re						15M	Ū											Zn Acetate+NaOH: Zn
Total Containers:			Corrected Temp	perature:	6			1	H 80												NaOH+Ascorbic Acid: SAPC
Sample Ider	ntification	Date		Soil	Water	Grab/ Comp	# of Cont		ТР												Sample Comments
T-3 (1	1.5')	6/24/2024		Х		G	1	x	x	x											
T-3 (2	2.0')	6/24/2024		Х		G	1	x	x	x											
T-3 (3	3.0')	6/24/2024		Х		G	1	×	x	x											
T-4 (0-	-1.0')	6/24/2024		X		G	1	x	x	х											1
T-4 (1	1.5')	6/24/2024		Х		G	1	x	x	х											K
T-4 (2	2.0')	6/24/2024	1.1	Х		G	1	x	x	x											l
T-4 (3	3.0')	6/24/2024		X		G	1	×	x	x				_							1-
							and the second second second									_					

11

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Carmona Resources Date	Received:	06/26/24 06:	00	Work Order ID: E406243
Phone:	(432) 813-6823 Date	Logged In:	06/26/24 13:	20	Logged In By: Keyliegh Hall
Email:	Due	Date:	07/02/24 17:	00 (4 day TAT)	
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location match th	e COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, requested a	nalyses?	No		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the f i.e, 15 minute hold time, are not included in this disucssion.	ield,	Yes		Comments/Resolution
Sample '	Turn Around Time (TAT)			1	
	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled by client not on coc
Sample (•				
	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
	he sample received on ice? If yes, the recorded temp is 4°C, i.e., 6 Note: Thermal preservation is not required, if samples are received minutes of sampling	ived w/i 15	Yes		
	visible ice, record the temperature. Actual sample temp	erature: 4^{-1}	<u> </u>		
	Container		м.		
	queous VOC samples present? VOC samples collected in VOA Vials?		No NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		No		
	appropriate volume/weight or number of sample containers c	ollected?	Yes		
Field La					
	field sample labels filled out with the minimum informat	ion:			
	Sample ID?		Yes		
	Date/Time Collected?		No		
	Collectors name?		No		
-	Preservation		NT.		
	the COC or field labels indicate the samples were preserv	cu?	No NA		
	ample(s) correctly preserved? filteration required and/or requested for dissolved metals	9	NA No		
		•	110		
	ase Sample Matrix		NI-		
	s, does the COC specify which phase(s) is to be analyzed?		No		
-			NA		
	ract Laboratory				
	amples required to get sent to a subcontract laboratory?	1 0	No		
29. Was a	a subcontract laboratory specified by the client and if so w	no?	NA S	ubcontract Lab	b: N/A

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.


5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: RDX 21-22

Work Order:

E406244

Job Number: 01058-0007

Received: 6/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/28/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 6/28/24

Jim Raley 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 21-22 Workorder: E406244 Date Received: 6/26/2024 6:00:00AM

Jim Raley,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/26/2024 6:00:00AM, under the Project Name: RDX 21-22.

The analytical test results summarized in this report with the Project Name: RDX 21-22 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Page 74 of 178

•

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
H-1 (0-0.5')	5
H-2 (0-0.5')	6
H-3 (0-0.5')	7
H-4 (0-0.5')	8
H-5 (0-0.5')	9
H-6 (0-0.5')	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

		Sample Sum	mai y		
Carmona Resources		Project Name:	RDX 21-22		Reported:
310 West Wall St. Suite 415		Project Number:	01058-0007		Reported.
Midland TX, 79701		Project Manager:	Jim Raley		06/28/24 11:36
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H-1 (0-0.5')	E406244-01A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
H-2 (0-0.5')	E406244-02A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
H-3 (0-0.5')	E406244-03A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
H-4 (0-0.5')	E406244-04A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
H-5 (0-0.5')	E406244-05A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.
H-6 (0-0.5')	E406244-06A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.



	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	ber: 010	X 21-22 58-0007 Raley				Reported: 6/28/2024 11:36:02AM
		H-1 (0-0.5')					
		E406244-01					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	ng/kg Analyst: IY				Batch: 2426048
Benzene	ND	0.0250		1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250		1	06/26/24	06/28/24	
Toluene	ND	0.0250		1	06/26/24	06/28/24	
o-Xylene	ND	0.0250		1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500		1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250		1	06/26/24	06/28/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2426048
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/24	06/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130		06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2426058
Diesel Range Organics (C10-C28)	ND	25.0		1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/27/24	06/27/24	
Surrogate: n-Nonane		95.4 %	50-200		06/27/24	06/27/24	
Anions by EPA 300.0/9056A	mg/kg mg/kg Analyst: WF					Batch: 2426044	
Chloride	590	40.0		2	06/26/24	06/26/24	



Anions by EPA 300.0/9056A

Chloride

	S	Sample D	ata			
Carmona Resources 310 West Wall St. Suite 415	Project Num	ber: 0103	58-0007			Reported:
Midland TX, 79701	Project Man	6/28/2024 11:36:02AM				
		H-2 (0-0.5')				
		E406244-02				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2426048
Benzene	ND	0.0250	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/28/24	
Toluene	ND	0.0250	1	06/26/24	06/28/24	
o-Xylene	ND	0.0250	1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/28/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2426048
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	06/26/24	06/28/24	
Carmona Resources Project Name: RDX 21-22 310 West Wall St. Suite 415 Project Number: 01058-0007 Report Midland TX, 79701 H-2 (0-0.5') E406244-02 6/28/2024 1 Hundber: Jim Raley 6/28/2024 1 Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: IY Batch: 2420 Benzene ND 0.0250 1 06/28/24 06/28/24 Ethylbenzene ND 0.0250 1 06/28/24 06/28/24 O'Valatile Organics by EPA 8021B mg/kg mg/kg Analyst: IY Batch: 2420 Benzene ND 0.0250 1 06/26/24 06/28/24 Columne ND 0.0250 1 06/26/24 06/28/24 O'Valene ND 0.0500 1 06/26/24 06/28/24 Jun-Xylene ND 0.0500 1 06/26/24 06/28/24 Surrogate: 4-Bromochlorobenzene-PID 92.7 % 70-130 06/26/24 06/28/24 Surrogate: 1-Chlo		Batch: 2426058				
Diesel Range Organics (C10-C28)	ND	25.0	1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/27/24	06/27/24	
Surrogate: n-Nonane		87.7 %	50-200	06/27/24	06/27/24	

mg/kg

20.0

Analyst: WF

1

06/26/24

06/26/24

mg/kg

185

envirotech Inc.

	S	Sample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Nam Project Num Project Man	ber: 010.	K 21-22 58-0007 Raley			Reported: 6/28/2024 11:36:02AM
		H-3 (0-0.5')				
		E406244-03				
Analyte	Result	Reporting Limit	Dilutic	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	Analyst: IY		Batch: 2426048
Benzene	ND	0.0250	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/28/24	
Toluene	ND	0.0250	1	06/26/24	06/28/24	
o-Xylene	ND	0.0250	1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/28/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2426048
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2426058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/27/24	06/27/24	
Surrogate: n-Nonane		93.5 %	50-200	06/27/24	06/27/24	

 Anions by EPA 300.0/9056A
 mg/kg
 mg/kg
 Analyst: WF

 Chloride
 57.3
 20.0
 1
 06/26/24
 06/26/24



	S	Sample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Nam Project Num Project Mana	ber: 0103	K 21-22 58-0007 Raley			Reported: 6/28/2024 11:36:02AM
		H-4 (0-0.5')				
		E406244-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2426048
Benzene	ND	0.0250	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/28/24	
Toluene	ND	0.0250	1	06/26/24	06/28/24	
o-Xylene	ND	0.0250	1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/28/24	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2426048
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2426058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/27/24	06/27/24	
Surrogate: n-Nonane		91.0 %	50-200	06/27/24	06/27/24	

 Anions by EPA 300.0/9056A
 mg/kg
 mg/kg
 Analyst: WF

 Chloride
 103
 20.0
 1
 06/26/24
 06/26/24





Sample Data										
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Nam Project Num Project Man	ber: 0103	X 21-22 58-0007 Raley			Reported: 6/28/2024 11:36:02AM				
		H-5 (0-0.5')								
		E406244-05								
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	Analyst: IY		Batch: 2426048				
Benzene	ND	0.0250	1	06/26/24	06/28/24					
Ethylbenzene	ND	0.0250	1	06/26/24	06/28/24					
Toluene	ND	0.0250	1	06/26/24	06/28/24					
o-Xylene	ND	0.0250	1	06/26/24	06/28/24					
p,m-Xylene	ND	0.0500	1	06/26/24	06/28/24					
Total Xylenes	ND	0.0250	1	06/26/24	06/28/24					
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	06/26/24	06/28/24					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2426048				
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/28/24					
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	06/26/24	06/28/24					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2426058				
Diesel Range Organics (C10-C28)	ND	25.0	1	06/27/24	06/27/24					
Oil Range Organics (C28-C36)	ND	50.0	1	06/27/24	06/27/24					
Surrogate: n-Nonane		94.4 %	50-200	06/27/24	06/27/24					

 Anions by EPA 300.0/9056A
 mg/kg
 mg/kg
 Analyst: WF

 Chloride
 50.7
 20.0
 1
 06/26/24
 06/27/24



	S	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415	Project Name Project Num		X 21-22 58-0007			Reported:
Midland TX, 79701	Project Mana		Raley			6/28/2024 11:36:02AM
		H-6 (0-0.5')				
		E406244-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2426048
Benzene	ND	0.0250	1	06/26/24	06/28/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/28/24	
Toluene	ND	0.0250	1	06/26/24	06/28/24	
o-Xylene	ND	0.0250	1	06/26/24	06/28/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/28/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/28/24	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2426048
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	06/26/24	06/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2426058
Diesel Range Organics (C10-C28)	244	50.0	2	06/27/24	06/27/24	
Oil Range Organics (C28-C36)	216	100	2	06/27/24	06/27/24	

96.0 % 06/27/24 06/27/24 Surrogate: n-Nonane 50-200 Analyst: WF mg/kg mg/kg Batch: 2426044 Anions by EPA 300.0/9056A 06/26/24 06/27/24 Chloride 453 20.0 1



QC Summary Data

		$\mathbf{z} \in \mathbf{z}$		ing Dat					
Carmona Resources		Project Name:		DX 21-22					Reported:
310 West Wall St. Suite 415		Project Number:	01	058-0007					
Midland TX, 79701		Project Manager:	Jir	n Raley					6/28/2024 11:36:02AN
		Volatile O	rganics b	oy EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2426048-BLK1)							Prepared: 0	6/26/24 A	nalyzed: 06/27/24
Benzene	ND	0.0250					1		•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			
LCS (2426048-BS1)							Prepared: 0	6/26/24 A	nalyzed: 06/27/24
Benzene	4.89	0.0250	5.00		97.8	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.5	70-130			
Toluene	4.82	0.0250	5.00		96.3	70-130			
o-Xylene	4.70	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.60	0.0500	10.0		96.0	70-130			
Total Xylenes	14.3	0.0250	15.0		95.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			
Matrix Spike (2426048-MS1)				Source:	E406242-	04	Prepared: 0	6/26/24 A	nalyzed: 06/27/24
Benzene	5.01	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.84	0.0250	5.00	ND	96.9	61-133			
Toluene	4.94	0.0250	5.00	ND	98.7	61-130			
o-Xylene	4.83	0.0250	5.00	ND	96.5	63-131			
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.7	70-130			
Matrix Spike Dup (2426048-MSD1)				Source:	E406242-	04	Prepared: 0	6/26/24 A	nalyzed: 06/27/24
Benzene	5.08	0.0250	5.00	ND	102	54-133	1.48	20	
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	61-133	1.11	20	
Toluene	5.00	0.0250	5.00	ND	100	61-130	1.24	20	
o-Xylene	4.87	0.0250	5.00	ND	97.3	63-131	0.810	20	
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	63-131	1.12	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.6	63-131	1.02	20	
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.2	70-130			



QC Summary Data

		VC D	umma	ary Data	a				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	0	DX 21-22 1058-0007 m Raley					Reported: 6/28/2024 11:36:02AM
	No	nhalogenated O	Organics	by EPA 801	15D - GI	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	g.ng		ing ng	g ng	70	70	70	70	110123
Blank (2426048-BLK1)							Prepared: 0	6/26/24 A	analyzed: 06/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			
LCS (2426048-BS2)							Prepared: 0	6/26/24 A	analyzed: 06/27/24
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.6	70-130			
Matrix Spike (2426048-MS2)				Source:	E406242-0	04	Prepared: 0	6/26/24 A	analyzed: 06/27/24
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			
Matrix Spike Dup (2426048-MSD2)				Source:	E406242-0	04	Prepared: 0	6/26/24 A	analyzed: 06/27/24
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.8	70-130	0.533	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

envirotech Inc.

QC Summary Data

		QC S		iry Data	a				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	01	DX 21-22 058-0007 n Raley					Reported: 6/28/2024 11:36:02AM
	Nonh	alogenated Org	anics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
					/0	70	70	70	Totos
Blank (2426058-BLK1)							Prepared: 0	6/27/24 A	analyzed: 06/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.8		50.0		97.5	50-200			
LCS (2426058-BS1)							Prepared: 0	6/27/24 A	analyzed: 06/27/24
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	46.9		50.0		93.9	50-200			
Matrix Spike (2426058-MS1)				Source:	E406246-	02	Prepared: 0	6/27/24 A	analyzed: 06/27/24
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	51.3		50.0		103	50-200			
Matrix Spike Dup (2426058-MSD1)				Source:	E406246-	02	Prepared: 0	6/27/24 A	analyzed: 06/27/24
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	38-132	0.670	20	
Surrogate: n-Nonane	51.8		50.0		104	50-200			



QC Summary Data

		QC D	u1111116	in y Data	и				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	01	DX 21-22 1058-0007 m Raley					Reported: 6/28/2024 11:36:02AM
		Anions l	by EPA 3	300.0/9056 <i>A</i>	١				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2426044-BLK1)							Prepared: 0	6/26/24 A	Analyzed: 06/26/24
Chloride	ND	20.0							
LCS (2426044-BS1)							Prepared: 0	6/26/24 A	Analyzed: 06/26/24
Chloride	246	20.0	250		98.6	90-110			
Matrix Spike (2426044-MS1)				Source:	E406242-0)4	Prepared: 0	6/26/24 A	Analyzed: 06/26/24
Chloride	324	20.0	250	71.9	101	80-120			
Matrix Spike Dup (2426044-MSD1)				Source:	E406242-0)4	Prepared: 0	6/26/24 A	Analyzed: 06/26/24
Chloride	327	20.0	250	71.9	102	80-120	1.01	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

_		201110101		
Γ	Carmona Resources	Project Name:	RDX 21-22	
l	310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
	Midland TX, 79701	Project Manager:	Jim Raley	06/28/24 11:36

mit
í

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 87 of 178



Chain of Custody

Work Order No:	E406244
Job #:	01058-0007

																			and the second se	Page	10f1_
roject Manager: Miranda Milwee Bill to: (if different)				different)		Jim F	Raley						Work Order Comments								
any Name: Carmona Resources Company Name:			y Name:		Devo	n Ener	rgy					Program: UST/PST □PRP □}rownfields □RRC □µperfund □									
Address: 310 W Wall St Ste 500				Address:			5315 Buena Vista Dr					State of	of Proje	ct:							
Midland	d, TX 797	701			City, Stat	te ZIP:		Carls	bad N	M, 88220					Report	ing:Lev	el II 🗌 Li	evel III	PST/US		Level IV
(432) 8	13-9652			Emai	1		om								Deliver	ables:] A	DaPT	Othe	er:
		RDX 21-22		Turi	n Around							ANAL	YSIS	REQL	JEST					Preserv	ative Codes
		2402		Routine	Rusi	n													Nor	e: NO	DI Water: H ₂
	Eddy	County New I	Mexico	Due Date:		-	1000												Coc	Cool	MeOH: Me
	Ludy		inc/ico	Duo Duio.					30)										198538-0		HNO3: HN
				1			v		W +									1000000		NaOH: Na	
IPT	Tem		Yes	Wet Ice:	Yes	No	eter		RO	0.										557. JUNE	
			and the second sec	denormal second		110	am	021		30(And the second second	315
als:				and the state of t			Par	EX 8	GRC	oride											
the second se		the second s		and the second se				BT) WS	Chi											
			A Real of the second state of the second state of the second						801												bic Acid: SAPC
ntificatio	n	Date		Soil	Water	Grab/	# of		TPH											Sample	Comments
minoutio		Duto				Comp	Cont					_							188	oumpre	t and the second s
-0.5')		6/24/2024					1	x	x	×											1
-0.5')		6/24/2024		A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE OWNER OWNE		G	1	x	x	x											2
-0.5')		6/24/2024		X		G	1	х	х	x										_	
-0.5')		6/24/2024		X		G	1	x	x	x											4
-0.5')		6/24/2024		X		G	1	×	x	x											5
-0.5')		6/24/2024		X		G	1	x	x	x											6
									-												
													+					+		-	
											-							+			
il to Mik	o Carmo	na / Mearme	na@carmona	TASOUTCAS COT	n Connei	Moehri	ng / Cm	oehri	ing@c	armonar	REQUIRE	05 000	hand	Miran	da Mil	wool	nilwoor	n@carm	onarose	UICOS CI	200
il to Mik	e Carmo	na / Mcarmo	ona@carmona	resources.cor	n, Conne	r Moehri	ng / Cm	oehri	ing@c	carmonar	esourc	es.com	n, and	Miran	ıda Mil	wee / r	nilweer	n@carm	ionaresc	ources.co	om
/		elinguished b	ov: (Signature)					Date/	Time		1	71	\rightarrow	Recei	ived by	(Sign	ature)				Date/Time
1			oy. (oignature)				1 100	10	-	net		bot	20	A	veu by	Ogn	ature)		1.18.130	1-	12/10/
w	NA	- AL					les	2/d				17	, T	1-		-	Conting woman res			le	4521
	Y	m					412	121	and the second se	Statement and an other statement of the	C	M		-							254 120
	0.4	(752)					11 34	F 7.	/I (A	11.00											
	Carmo 310 W Midland (432) 8 IPT IBS: als: als: -0.5') -0.5') -0.5') -0.5') -0.5') -0.5')	Carmona Resol 310 W Wall St S Midland, TX 797 (432) 813-9652 Eddy C IPT Tem Yes als: Yes ntification -0.5') -0.5''	Carmona Resources 310 W Wall St Ste 500 Midland, TX 79701 (432) 813-9652 RDX 21-22 2402 Eddy County, New MM 12490199 IPT Temp Blank: Yes No N/A als: Yes No N/A als: O N/A Date -0.5') 6/24/2024 -0.5') 7/2 6/24/2024 -0.5	Carmona Resources 310 W Wall St Ste 500 Midland, TX 79701 (432) 813-9652 RDX 21-22 2402 Eddy County, New Mexico MM 12490199 IPT Temp Blank: Yes <no< td=""> Thermometer ID Ils: Yes<no< td=""> Yes<no< td=""> N/A Correction Fact als: Yes<no< td=""> ves<no< td=""> N/A Temperature Resources Corrected Temp ntification Date -0.5') 6/24/2024 -0.5') 6/24/2024 -0.5') 6/24/2024 -0.5') 6/24/2024 -0.5') 6/24/2024 -0.5') 6/24/2024 -0.5') 6/24/2024 -0.5') 6/24/2024 -0.5') 6/24/2024</no<></no<></no<></no<></no<>	Carmona Resources 310 W Wall St Ste 500 Midland, TX 79701 (432) 813-9652 Email RDX 21-22 Turr 2402 Ø Routine Eddy County, New Mexico Due Date: MM 12490199 IPT Temp Blank: Yes No Yes No N/A Correction Factor: als: Yes No N/A O.5') 6/24/2024 X -0.5') 6/24/2024 X -0.5')<	Carmona Resources Compan 310 W Wall St Ste 500 Address Midland, TX 79701 City, Sta (432) 813-9652 Email: jim, ratevent RDX 21-22 Turn Around 2402 Routine Eddy County, New Mexico Due Date: MM 12490199 IPT Temp Blank: Yes No Yes <no< td=""> Thermometer ID: ils: Yes No Thermore Reading: Is: Yes No N/A Corrected Temperature Reading: Corrected Temperature: ntification Date Soil Water -0.5') 6/24/2024 X - -0.5') 6/24/2024 X -</no<>	Carmona Resources Company Name: 310 W Wall St Ste 500 Address: Midland, TX 79701 City, State ZIP: (432) 813-9652 Email: jim raley@dvn.c RDX 21-22 Turn Around 2402 Image: Rush Eddy County, New Mexico Due Date: MM 12490199 IPT Temp Blank: Yes No Yes No Thermometer ID: Image: Rush Is: Yes No N/A Corrected Temperature Reading: Corrected Temperature: ntification Date Soil Water 6 6/24/2024 X G -0.5') 6/24/2024 X G <t< td=""><td>Carmona Resources Company Name: 310 W Wall St Ste 500 Address: Midland, TX 79701 City, State ZIP: (432) 813-9652 Email: Iim.raley@dvn.com RDX 21-22 Turn Around Pres. 2402 Routine Rush Code Eddy County, New Mexico Due Date: MM Code 124090199 MM Correction Factor: Code If: Yes No Thermperature Reading: Cont Is: Yes N/A Correction Factor: Comp Cont -0.51) 6/24/2024 X G 1 -0.51)</td><td>Carmona Resources Company Name: Devolution 310 W Wall St Ste 500 Address: 5315 Midland, TX 79701 City, State ZIP: Carls (432) 813-9652 Email: jim raley@dvn.com RDX 21-22 Turn Around Pres. 2402 Image: Rush Code Eddy County, New Mexico Due Date: Code Code IPT Temp Blank: Yes No Wet Ice: Yes No IPT Temp Blank: Yes No Wet Ice: Yes No Is: Yes No Thermometer ID: Image: Corrected Temperature: Image: ntification Date Soil Water Grab/ Comp # of Cont -0.5') 6/24/2024 X G 1 x -0.5')</td><td>Carmona Resources Company Name: Devon Ene 310 W Wall St Ste 500 Address: 5315 Buenz Midland, TX 79701 City, State ZIP: Carlsbad N (432) 813-9652 Email: jim.raley@dvn.com Rush Pres. 2402 Z Routine Rush Pres. Code Eddy County, New Mexico Due Date: </td><td>Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: Jim raley@dvn.com RDX 21-22 Turn Around Pres. 2402 Z Routine Rush Code Eddy County, New Mexico Due Date: </td><td>Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: Im: ratev@dvn.com RDX 21-22 Turn Around Pres. 2402 Z Routine Rush Code Eddy County, New Mexico Due Date: God God God MM 12400199 Gorado God God</td><td>Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev@dvn.com ANAI 2402 Z Routine Rush Pres. Code ANAI Eddy County, New Mexico Due Date: Pres. Code ANAI 12490199 Termometer ID: Pres. Code Pres. Cod</td><td>Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev@dvn.com ANALYSIS 2402 Cily, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev@dvn.com ANALYSIS 2402 Cilk Rutine Pres. Code Eddy County, New Mexico Due Date: </td><td>Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr. Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev(2d/vn.com ANALYSIS REQI 2402 [2] Routine Rush Carlsbad NM, 88220 Hild and, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev(2d/vn.com ANALYSIS REQI 2402 [2] Routine Rush Code Eddy County, New Mexico Due Date: gr gr</td><td>Carmona Resources Company Name: Devon Energy Progravity 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr. State C Midland, TX 79701 City, State 2IP: Carlsbad NM, 82220 Deliver (432) 813-9652 Email: Jim ralev@dvn.com ANALYSIS REQUEST Deliver 2402 Zonty, New Mexico Due Date: ANALYSIS REQUEST Code 12490199 Routine Rush Code 000 00</td><td>Carmona Resources Company Name: Devon Energy Program: US1 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr State of Proje Midland, TX 79701 City, State ZIP: Carlsbad NM, 8220 Reporting, Lew (432) 813-9652 Email: Jim ralev/2dvn com Pres. ANALYSIS RECUEST Pelverables: 2402 Z Routine Rush Pres. Odd ANALYSIS RECUEST 12490199 IPT Temp Blank: Yes (No) Wet Ice: Yes Y</td><td>Carmona Resources Company Name: Devon Energy 310 WVall Si Sie 500 Address: 5315 Buena Vista Dr. Midland, TX 79701 City, Stata ZIP: Carbad NM, 88220 (432) 813-9652 Email: (mr.raky@dvn.com Reporting!cuvel II Clupeline: EDD Cliverables: EDD Cliverables</td><td>Carmona Resources Company Name: Devon Energy Program: UST/PST [PRP] 310 Wwall St Ste 500 Address: 5315 Buena Vista Dr State of Project: Midland, TX 79701 City, State ZIP: Catabad NM, 88220 State of Project: (423) 813-9652 Email Im nakey@dvn.com Deliverables: EDD A (423) 813-9652 Turn Around Program: UST/PST [PRP] State of Project: Reprint Low IIII [Level III [Le</td><td>Miranda Milwee Bill to: (# differing) Jim Ratey Program: UST/RST_PRP Work Order Com 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Resources Carmoary Name: Devon Energy Program: UST/RST_PRP ADaPT Program: UST/RST_PRP Program: UST/RST_PRP ADaPT Program: UST/RST_PRP ADaPT Program: UST/RST_PRP ADaPT ADaPT</td><td>Miranda Milwee Bill to: (# artneend) Jim Raley Portantia Work Order Comments Carmona Resources Company Name: Devon Enrory Portantia Portantia</td></t<>	Carmona Resources Company Name: 310 W Wall St Ste 500 Address: Midland, TX 79701 City, State ZIP: (432) 813-9652 Email: Iim.raley@dvn.com RDX 21-22 Turn Around Pres. 2402 Routine Rush Code Eddy County, New Mexico Due Date: MM Code 124090199 MM Correction Factor: Code If: Yes No Thermperature Reading: Cont Is: Yes N/A Correction Factor: Comp Cont -0.51) 6/24/2024 X G 1 -0.51)	Carmona Resources Company Name: Devolution 310 W Wall St Ste 500 Address: 5315 Midland, TX 79701 City, State ZIP: Carls (432) 813-9652 Email: jim raley@dvn.com RDX 21-22 Turn Around Pres. 2402 Image: Rush Code Eddy County, New Mexico Due Date: Code Code IPT Temp Blank: Yes No Wet Ice: Yes No IPT Temp Blank: Yes No Wet Ice: Yes No Is: Yes No Thermometer ID: Image: Corrected Temperature: Image: ntification Date Soil Water Grab/ Comp # of Cont -0.5') 6/24/2024 X G 1 x -0.5')	Carmona Resources Company Name: Devon Ene 310 W Wall St Ste 500 Address: 5315 Buenz Midland, TX 79701 City, State ZIP: Carlsbad N (432) 813-9652 Email: jim.raley@dvn.com Rush Pres. 2402 Z Routine Rush Pres. Code Eddy County, New Mexico Due Date:	Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: Jim raley@dvn.com RDX 21-22 Turn Around Pres. 2402 Z Routine Rush Code Eddy County, New Mexico Due Date:	Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: Im: ratev@dvn.com RDX 21-22 Turn Around Pres. 2402 Z Routine Rush Code Eddy County, New Mexico Due Date: God God God MM 12400199 Gorado God God	Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev@dvn.com ANAI 2402 Z Routine Rush Pres. Code ANAI Eddy County, New Mexico Due Date: Pres. Code ANAI 12490199 Termometer ID: Pres. Code Pres. Cod	Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev@dvn.com ANALYSIS 2402 Cily, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev@dvn.com ANALYSIS 2402 Cilk Rutine Pres. Code Eddy County, New Mexico Due Date:	Carmona Resources Company Name: Devon Energy 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr. Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev(2d/vn.com ANALYSIS REQI 2402 [2] Routine Rush Carlsbad NM, 88220 Hild and, TX 79701 City, State ZIP: Carlsbad NM, 88220 (432) 813-9652 Email: jim ralev(2d/vn.com ANALYSIS REQI 2402 [2] Routine Rush Code Eddy County, New Mexico Due Date: gr gr	Carmona Resources Company Name: Devon Energy Progravity 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr. State C Midland, TX 79701 City, State 2IP: Carlsbad NM, 82220 Deliver (432) 813-9652 Email: Jim ralev@dvn.com ANALYSIS REQUEST Deliver 2402 Zonty, New Mexico Due Date: ANALYSIS REQUEST Code 12490199 Routine Rush Code 000 00	Carmona Resources Company Name: Devon Energy Program: US1 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr State of Proje Midland, TX 79701 City, State ZIP: Carlsbad NM, 8220 Reporting, Lew (432) 813-9652 Email: Jim ralev/2dvn com Pres. ANALYSIS RECUEST Pelverables: 2402 Z Routine Rush Pres. Odd ANALYSIS RECUEST 12490199 IPT Temp Blank: Yes (No) Wet Ice: Yes Y	Carmona Resources Company Name: Devon Energy 310 WVall Si Sie 500 Address: 5315 Buena Vista Dr. Midland, TX 79701 City, Stata ZIP: Carbad NM, 88220 (432) 813-9652 Email: (mr.raky@dvn.com Reporting!cuvel II Clupeline: EDD Cliverables: EDD Cliverables	Carmona Resources Company Name: Devon Energy Program: UST/PST [PRP] 310 Wwall St Ste 500 Address: 5315 Buena Vista Dr State of Project: Midland, TX 79701 City, State ZIP: Catabad NM, 88220 State of Project: (423) 813-9652 Email Im nakey@dvn.com Deliverables: EDD A (423) 813-9652 Turn Around Program: UST/PST [PRP] State of Project: Reprint Low IIII [Level III [Le	Miranda Milwee Bill to: (# differing) Jim Ratey Program: UST/RST_PRP Work Order Com 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr Resources Carmoary Name: Devon Energy Program: UST/RST_PRP ADaPT Program: UST/RST_PRP Program: UST/RST_PRP ADaPT Program: UST/RST_PRP ADaPT Program: UST/RST_PRP ADaPT ADaPT	Miranda Milwee Bill to: (# artneend) Jim Raley Portantia Work Order Comments Carmona Resources Company Name: Devon Enrory Portantia

•

Page 16 of 17

Page 88 of 178

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Carmona Resources Da	te Received:	06/26/24 06:	00	Work Order ID: E406244
Phone:	(432) 813-6823 Da	te Logged In:	06/26/24 14:	29	Logged In By: Keyliegh Hall
Email:		e Date:	07/02/24 17:	:00 (4 day TAT)	
<u>Chain of</u>	Custody (COC)				
1. Does the	he sample ID match the COC?		Yes		
2. Does the	he number of samples per sampling site location match t	he COC	Yes		
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, requested	analyses?	No		
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample 7	<u>Furn Around Time (TAT)</u>				
	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled by client not on coc
Sample C	Cooler_				
7. Was a	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	, were custody/security seals intact?		NA		
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample tem	perature: 4°	°C		
	Container				
	queous VOC samples present?		No		
	/OC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?		No		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	bel				
20. Were	field sample labels filled out with the minimum informa	tion:			
	ample ID?		Yes		
	Date/Time Collected?		No		
	Collectors name?		No		
	Preservation the COC or field labels indicate the samples were prese	muad?	No		
	ample(s) correctly preserved?	iveu?	NA		
	filteration required and/or requested for dissolved meta	ls?	No		
			110		
	ase Sample Matrix		N -		
	the sample nave more than one phase, i.e., multiphase?	19	No NA		
			NA		
	ract Laboratory				
	amples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so	1.0	No NA S		
				ubcontract Lal	

Date



envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

•





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: RDX 21-22

Work Order: E407236

Job Number: 01058-0007

Received: 7/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/1/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/1/24

Miranda Milwee 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 21-22 Workorder: E407236 Date Received: 7/30/2024 5:00:00AM

Miranda Milwee,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/30/2024 5:00:00AM, under the Project Name: RDX 21-22.

The analytical test results summarized in this report with the Project Name: RDX 21-22 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS-1 (1.5')	6
CS-2 (1.5')	7
CS-3 (1.5')	8
CS-4 (1.5')	9
CS-5 (1.5')	10
CS-6 (1.5')	11
CS-7 (1.5')	12
CS-8 (2.5')	13
CS-9 (2.5')	14
CS-10 (2.5')	15
CS-11 (2.5')	16
CS-12 (2.5')	17
CS-13 (1.5')	18
CS-14 (1.5')	19
CS-15 (1.5')	20
CS-16 (1.5')	21
CS-17 (1.5')	22
CS-18 (1.5')	23
SW-1 (1.5')	24
SW-2 (1.5')	25

•

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

		Sample Sum	mary		
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	RDX 21-22 01058-0007 Miranda Milwee		Reported: 08/01/24 12:54
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1 (1.5')	E407236-01A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
S-2 (1.5')	E407236-02A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
S-3 (1.5')	E407236-03A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
'S-4 (1.5')	E407236-04A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS-5 (1.5')	E407236-05A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS-6 (1.5')	E407236-06A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
'S-7 (1.5')	E407236-07A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
'S-8 (2.5')	E407236-08A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
'S-9 (2.5')	E407236-09A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
'S-10 (2.5')	E407236-10A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS-11 (2.5')	E407236-11A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS-12 (2.5')	E407236-12A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS-13 (1.5')	E407236-13A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS-14 (1.5')	E407236-14A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS-15 (1.5')	E407236-15A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS-16 (1.5')	E407236-16A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
2S-17 (1.5')	E407236-17A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
S-18 (1.5')	E407236-18A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
W-1 (1.5')	E407236-19A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
W-2 (1.5')	E407236-20A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.



	S	Sample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Nam Project Num Project Mana	ber: 010:	X 21-22 58-0007 anda Milwee			Reported: 8/1/2024 12:54:34PM
		CS-1 (1.5')				
		E407236-01				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	analyst: CG		Batch: 2431041
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	analyst: KM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
Surrogate: n-Nonane		115 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	analyst: WF		Batch: 2431052
Chloride	382	20.0	1	07/30/24	07/30/24	



	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numb Project Manag	er: 0103	X 21-22 58-0007 anda Milwe	e			Reported: 8/1/2024 12:54:34PM
		CS-2 (1.5')					
		E407236-02					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: C	CG		Batch: 2431041
Benzene	ND	0.0250	1		07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1		07/30/24	07/31/24	
Toluene	ND	0.0250	1		07/30/24	07/31/24	
p-Xylene	ND	0.0250	1		07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1		07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1		07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: C	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: F	ζM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0	1		07/30/24	07/30/24	
Dil Range Organics (C28-C36)	ND	50.0	1		07/30/24	07/30/24	
Surrogate: n-Nonane		112 %	50-200		07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	WF		Batch: 2431052
Chloride	150	20.0	1		07/30/24	07/30/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Manaş	er: 0103	X 21-22 58-0007 anda Milw	Reported: 8/1/2024 12:54:34PM			
		CS-3 (1.5')					
		E407236-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
o-Xylene	ND	0.0250		1	07/30/24	07/31/24	
p,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КМ		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/30/24	
Surrogate: n-Nonane		114 %	50-200		07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	152	20.0		1	07/30/24	07/30/24	

		E407236-04				
		Reporting				
Analyte	Result	Limit	Dilutic	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: CG		Batch: 2431041
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
o-Xylene	ND	0.0250	1	07/30/24	07/31/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
Surrogate: n-Nonane		113 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: WF		Batch: 2431052
Chloride	113	20.0	1	07/30/24	07/30/24	

Benzene

Toluene

o-Xylene

Ethylbenzene

Received by 0 cD. 7/11/2024 1.57.411						1 480 77 0
	Sam	ple Dat	ta			
Carmona Resources	Project Name:	RDX 2	1-22			
310 West Wall St. Suite 415	Project Number:	01058-	0007			Reported:
Midland TX, 79701	Project Manager:	Mirand	a Milwee			8/1/2024 12:54:34PM
		5 (1.5') /236-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: CG		Batch: 2431041

0.0250

0.0250

0.0250

0.0250

07/30/24

07/30/24

07/30/24

07/30/24

1

1

1

1

07/31/24

07/31/24

07/31/24

07/31/24

p,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analys	st: CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analys	st: KM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/30/24	
Surrogate: n-Nonane		119 %	50-200		07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analys	st: WF		Batch: 2431052
Chloride	397	20.0		1	07/30/24	07/30/24	

ND

ND

ND

ND

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Manaş	er: 0103	X 21-22 58-0007 anda Milwe	e			Reported: 8/1/2024 12:54:34PM
		CS-6 (1.5')					
		E407236-06					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: CG			Batch: 2431041
Benzene	ND	0.0250	1	l	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	l	07/30/24	07/31/24	
Toluene	ND	0.0250	1	l	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	l	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	l	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	l	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КМ		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/30/24	07/30/24	
Dil Range Organics (C28-C36)	ND	50.0	1	l	07/30/24	07/30/24	
Surrogate: n-Nonane		110 %	50-200		07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	382	20.0	1	l	07/30/24	07/30/24	

Sample Data									
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numb Project Manag	er: 010	X 21-22 58-0007 anda Milwee	2			Reported: 8/1/2024 12:54:34PM		
		CS-7 (1.5')							
		E407236-07							
		Reporting							
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: CG			Batch: 2431041		
Benzene	ND	0.0250	1	07	/30/24	07/31/24			
Ethylbenzene	ND	0.0250	1	07	/30/24	07/31/24			
Toluene	ND	0.0250	1	07	/30/24	07/31/24			
p-Xylene	ND	0.0250	1	07	/30/24	07/31/24			
o,m-Xylene	ND	0.0500	1	07	/30/24	07/31/24			
Total Xylenes	ND	0.0250	1	07	/30/24	07/31/24			
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07	/30/24	07/31/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: CG			Batch: 2431041		
Gasoline Range Organics (C6-C10)	ND	20.0	1	07	/30/24	07/31/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	07	/30/24	07/31/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2431042		
Diesel Range Organics (C10-C28)	ND	25.0	1	07	/30/24	07/30/24			
Dil Range Organics (C28-C36)	ND	50.0	1	07	/30/24	07/30/24			
Surrogate: n-Nonane		115 %	50-200	07	//30/24	07/30/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: WF			Batch: 2431052		
Chloride	373	20.0	1	07	/30/24	07/30/24			



Sample Data									
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	oer: 010	X 21-22 58-0007 anda Milw	ree			Reported: 8/1/2024 12:54:34PM		
		CS-8 (2.5')							
		E407236-08							
		Reporting							
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041		
Benzene	ND	0.0250		1	07/30/24	07/31/24			
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24			
Toluene	ND	0.0250		1	07/30/24	07/31/24			
o-Xylene	ND	0.0250		1	07/30/24	07/31/24			
p,m-Xylene	ND	0.0500		1	07/30/24	07/31/24			
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24			
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130		07/30/24	07/31/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041		
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130		07/30/24	07/31/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2431042		
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/30/24			
Oil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/30/24			
Surrogate: n-Nonane		109 %	50-200		07/30/24	07/30/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052		
Chloride	219	20.0		1	07/30/24	07/30/24			



Sample Data									
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	ber: 010	X 21-22 58-0007 anda Milwee			Reported: 8/1/2024 12:54:34PM			
		CS-9 (2.5')							
		E407236-09							
		Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2431041			
Benzene	ND	0.0250	1	07/30/24	07/31/24				
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24				
Toluene	ND	0.0250	1	07/30/24	07/31/24				
p-Xylene	ND	0.0250	1	07/30/24	07/31/24				
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24				
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24				
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	07/30/24	07/31/24				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2431041			
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24				
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	07/30/24	07/31/24				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2431042			
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24				
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24				
Surrogate: n-Nonane		116 %	50-200	07/30/24	07/30/24				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2431052			
Chloride	200	20.0	1	07/30/24	07/30/24				



	Sa	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 010:	X 21-22 58-0007 anda Milwe	ee			Reported: 8/1/2024 12:54:34PM
	(CS-10 (2.5')					
]	E407236-10					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: CG			Batch: 2431041
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
o-Xylene	ND	0.0250		1	07/30/24	07/31/24	
p,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		108 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	208	20.0		1	07/30/24	07/30/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numb Project Manag	er: 010	X 21-22 58-0007 anda Milwe	ee			Reported: 8/1/2024 12:54:34PM
		CS-11 (2.5')					
		E407236-11					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: CG			Batch: 2431041
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
p-Xylene	ND	0.0250		1	07/30/24	07/31/24	
p,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		111 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	21.6	20.0		1	07/30/24	07/30/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	ber: 0105	X 21-22 58-0007 anda Milwa	ee			Reported: 8/1/2024 12:54:34PM
		CS-12 (2.5')					
		E407236-12					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: CG			Batch: 2431041
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
p-Xylene	ND	0.0250		1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		110 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2431052
Chloride	122	20.0		1	07/30/24	07/30/24	

	Sa	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 010	X 21-22 58-0007 anda Milwee			Reported: 8/1/2024 12:54:34PM	
	(CS-13 (1.5')					
		E407236-13					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: CG			
Benzene	ND	0.0250	1	07/30/24	07/31/24		
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24		
Toluene	ND	0.0250	1	07/30/24	07/31/24		
p-Xylene	ND	0.0250	1	07/30/24	07/31/24		
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24		
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24		
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	07/30/24	07/31/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2431041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	07/30/24	07/31/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2431042	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24		
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24		
Surrogate: n-Nonane		114 %	50-200	07/30/24	07/31/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2431052	
Chloride	125	20.0	1	07/30/24	07/30/24		



	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numb Project Manag	er: 0103	X 21-22 58-0007 anda Milwe	ee			Reported: 8/1/2024 12:54:34PM
		CS-14 (1.5')					
		E407236-14					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: CG			Batch: 2431041
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
o-Xylene	ND	0.0250		1	07/30/24	07/31/24	
p,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		114 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	23.6	20.0		1	07/30/24	07/30/24	
	Sa	ample D	ata				
---	---	--------------	---	----------	----------	----------	---
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 0103	RDX 21-22 01058-0007 Miranda Milwee				Reported: 8/1/2024 12:54:34PM
		CS-15 (1.5')					
		E407236-15					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: CG				CG		Batch: 2431041
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
p-Xylene	ND	0.0250		1	07/30/24	07/31/24	
p,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КМ		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		111 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	24.4	20.0		1	07/30/24	07/30/24	

	S	Sample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Nam Project Num Project Mana	ber: 010:	RDX 21-22 01058-0007 Miranda Milwee				Reported: 8/1/2024 12:54:34PM
		CS-16 (1.5')					
		E407236-16					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: CG					Batch: 2431041	
Benzene	ND	0.0250	1		07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1		07/30/24	07/31/24	
Toluene	ND	0.0250	1		07/30/24	07/31/24	
p-Xylene	ND	0.0250	1		07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1		07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1		07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КМ		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0	1		07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0	1		07/30/24	07/31/24	
Surrogate: n-Nonane		103 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	297	20.0	1		07/30/24	07/30/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	ber: 010	RDX 21-22 01058-0007 Miranda Milwee				Reported: 8/1/2024 12:54:34PM
		CS-17 (1.5')					
		E407236-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	ng/kg mg/kg Anal			CG	Batch: 2431041	
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
p-Xylene	ND	0.0250		1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КМ		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		110 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	288	20.0		1	07/30/24	07/30/24	

	Sa	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 010	RDX 21-22 01058-0007 Miranda Milwee				Reported: 8/1/2024 12:54:34PM
	(CS-18 (1.5')					
	-	E407236-18					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg mg/kg Analyst: CG					Batch: 2431041
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
p-Xylene	ND	0.0250		1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		114 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2431052
Chloride	293	20.0		1	07/30/24	07/31/24	



Page 113 of 178

	S	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numb Project Manag	ject Number: 01058-0007				Reported: 8/1/2024 12:54:34PM
		SW-1 (1.5')				
		E407236-19				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: CG					Batch: 2431041
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		113 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2431052
Chloride	225	20.0	1	07/30/24	07/31/24	

	S	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Manag	er: 0105	K 21-22 58-0007 anda Milwee	Reported: 8/1/2024 12:54:34PM		
		SW-2 (1.5')				
		E407236-20				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: CG			Batch: 2431041
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: CG		Batch: 2431041
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: KM		Batch: 2431042
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		113 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: WF		Batch: 2431052
Chloride	220	20.0	1	07/30/24	07/31/24	

QC Summary Data

		•		ing Duc					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	01	DX 21-22 1058-0007 liranda Milwe	e				Reported: 8/1/2024 12:54:34PM
		Volatile O							Analyst: CG
			-	•					Analyst. CO
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	2.iiiits %	%	%	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	%0	70	INOLES
Blank (2431041-BLK1)							Prepared: 0	7/30/24 A	Analyzed: 07/31/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			
LCS (2431041-BS1)							Prepared: 0	7/30/24 A	Analyzed: 07/31/24
Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.23	0.0250	5.00		105	70-130			
p-Xylene	5.20	0.0250	5.00		104	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		101	70-130			
Matrix Spike (2431041-MS1)				Source:	E407236-	09	Prepared: 0	7/30/24 A	Analyzed: 07/31/24
Benzene	4.28	0.0250	5.00	ND	85.5	54-133			
Ethylbenzene	4.25	0.0250	5.00	ND	85.1	61-133			
Toluene	4.31	0.0250	5.00	ND	86.2	61-130			
p-Xylene	4.28	0.0250	5.00	ND	85.7	63-131			
p,m-Xylene	8.67	0.0500	10.0	ND	86.7	63-131			
Total Xylenes	13.0	0.0250	15.0	ND	86.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			
Matrix Spike Dup (2431041-MSD1)				Source:	E407236-	09	Prepared: 0	7/30/24 A	Analyzed: 07/31/24
Benzene	4.59	0.0250	5.00	ND	91.8	54-133	7.03	20	
Ethylbenzene	4.61	0.0250	5.00	ND	92.2	61-133	8.02	20	
Toluene	4.65	0.0250	5.00	ND	93.0	61-130	7.64	20	
o-Xylene	4.64	0.0250	5.00	ND	92.8	63-131	7.93	20	
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	63-131	7.97	20	
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131	7.96	20	
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			



QC Summary Data

		QC D	uIIIII	ary Data					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	0	DX 21-22 1058-0007 firanda Milwee					Reported: 8/1/2024 12:54:34PM
	No	nhalogenated C			5D - G	RO			Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2431041-BLK1)							Prepared: 0	7/30/24 A	nalyzed: 07/31/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93 .7	70-130			
LCS (2431041-BS2)							Prepared: 0	7/30/24 A	analyzed: 07/31/24
Gasoline Range Organics (C6-C10)	40.2	20.0	50.0		80.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			
Matrix Spike (2431041-MS2)				Source: H	407236-	09	Prepared: 0	7/30/24 A	analyzed: 07/31/24
Gasoline Range Organics (C6-C10)	38.1	20.0	50.0	ND	76.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			
Matrix Spike Dup (2431041-MSD2)				Source: I	407236-	09	Prepared: 0	7/30/24 A	analyzed: 07/31/24
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	ND	81.7	70-130	7.00	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

QC Summary Data

		QC D	u 111 111	ary Data					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:		RDX 21-22 01058-0007 Miranda Milwee					Reported: 8/1/2024 12:54:34PM
	Nonh	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2431042-BLK1)							Prepared: 0	7/30/24 A	analyzed: 07/30/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.5		50.0		115	50-200			
LCS (2431042-BS1)							Prepared: 0	7/30/24 A	analyzed: 07/30/24
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			
Matrix Spike (2431042-MS1)				Source: E	407236-	07	Prepared: 0	7/30/24 A	analyzed: 07/30/24
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	44.1		50.0		88.2	50-200			
Matrix Spike Dup (2431042-MSD1)				Source: E	407236-	07	Prepared: 0	7/30/24 A	analyzed: 07/30/24
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132	4.48	20	
Surrogate: n-Nonane	53.4		50.0		107	50-200			



QC Summary Data

				Reported:
nda Milwee				8/1/2024 12:54:34PM
).0/9056A				Analyst: WF
Source Result Rec	Rec Limits	RPD	RPD Limit	
mg/kg %	%	%	%	Notes
		Prepared: 07	7/30/24	Analyzed: 07/30/24
		Prepared: 07	7/30/24	Analyzed: 07/30/24
99.3	90-110			
Source: E407236-0	05	Prepared: 07	7/30/24	Analyzed: 07/30/24
397 94.8	80-120			
Source: E407236-0	05	Prepared: 07	7/30/24	Analyzed: 07/30/24
397 98.1	80-120	1.27	20	
1	0.0/9056A Source Result Rec mg/kg % 99.3 Source: E407236-1 397 94.8 Source: E407236-1	8-0007 nda Milwee D.0/9056A Source Rec Limits mg/kg % % 99.3 90-110 Source: E407236-05 397 94.8 80-120 Source: E407236-05	8-0007 nda Milwee 0.0/9056A Source Rec Rec Rep Mereo Mere	8-0007 nda Milwee 0.0/9056A Source Rec Limits RPD Limit mg/kg % % % % Prepared: 07/30/24 4 99.3 90-110 Source: E407236-05 Prepared: 07/30/24 4 397 94.8 80-120 Source: E407236-05 Prepared: 07/30/24 4

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	RDX 21-22	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Miranda Milwee	08/01/24 12:54

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Released	
to	
Imaging:	
9	
/27/2024	
3:06:57	
PM	

Project Manager:	Miranda	a Milwee				Bill to: (if	different)		Jim R	aley						1	Work Or	rder Comments															
Company Name:	Carmon	na Resou	irces			Company	y Name:		Devon Energy					Program: UST/PST PRP rownfields RRC uperfund																			
Address:	310 W	Wall St S	Ste 500			Address:				5315 Buena Vista Dr				State of Project:																			
City, State ZIP:	Midland	d, TX 797	'01			City, State ZIP: Carlsbad NM, 88220					Reporting:Level II Level III PST/UST TRRP Level IV																						
Phone:	(432) 8	13-9652			Emai	i: jim.raley	jim.raley@dvn.com					Deliverables: EDD ADaPT Other:																					
Project Name:			RDX 21-22		Turi	Around						No.	ANALY	SIS RE	QUEST			Preserv	ative Codes														
Project Number:			2402		✓ Routine	Rusł	n	Pres. Code				-						None: NO	DI Water: H ₂ C														
Project Location		Eddy C	County, New	Mexico	Due Date:													Cool: Cool	MeOH: Me														
Sampler's Name:	Yes No Thermometer ID:						MRO)								HCL: HC	HNO3: HN																	
PO #:					2	y.	+								H ₂ S0 ₄ : H ₂	NaOH: Na																	
SAMPLE RECE			Wet Ice:	Yes	No	Parameters	8021B	DRO	300.0							H ₃ PO ₄ : HP																	
Received Intact:			and a second			araı	X 80	+ 02	de 3							NaHSO4: NAE																	
Cooler Custody Se		als: Yes No N/A Correction Factor: als: Yes No N/A Temperature Read		A Contraction of the second second	110		•	BTEX	TPH 8015M (GRO	Chloride							Na ₂ S ₂ O ₃ : NaS																
Sample Custody Se	eals:			and the second se	4°c		46								015M	o							Zn Acetate+N										
Total Containers:				Corrected Tem	perature:			Cmb/					Cmb/		Grab/						Grah/		Grab/	Grahl	1.		PH 8(1					
Sample Ide	ntificatio	'n	Date		Soil	Water	Grab/ Comp	# of Cont	1	=	d							Sample	Comments														
CS-1	(1.5')		7/26/2024		X		С	1	x	×	x							Lab#	1														
CS-2	(1.5')		7/26/2024		Х		С	1	x	x	x								2														
CS-3	(1.5')		7/26/2024		Х		С	1	x	x	x			_		_			3														
CS-4	(1.5')		7/26/2024		Х		С	1	x	x	x								ÿ														
CS-5	(1.5')		7/26/2024		×		С	1	x	x	x								5														
CS-6	(1.5')		7/26/2024		Х		С	1	x	x	×								6														
CS-7	(1.5')		7/26/2024		X		С	1	x	x	x								7														
CS-8	(2.5')		7/26/2024		Х		С	1	x	x	x					-			8														
CS-9	(2.5')		7/26/2024		Х		С	1	x	x	x								9														
CS-10	(2.5')		7/26/2024	II	X		С	1	x	x	x								10														

Billing # 21190632

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
al harras al a	7-29-24 1125	1 Michelle Gongales	7-2924-1125
Michelle Gonzales	7-2924 1700	A.M.	7.29.24 1700
J. J.	7.29.24 2145	hugen 12 Hell	7-30-24 0590

Work Order No: <u>E407236</u> Job H<u>24036-0001</u> 01058-0007

Chain of Custody

~
0
-
-
20
2
200
0
2
2
-
6
Transition
2
00
1
00
<u></u>
8
8
9/2
9/27
1271
/27/2
/27/2
/27/20
/27/20
/27/202
/27/20
/27/2024
/27/2024 3
/27/2024 3:
/27/2024 3:
/27/2024 3:0
/27/2024 3:06
/27/2024 3:06:
/27/2024 3:06:.
/27/2024 3:06:5
/27/2024 3:06:.
/27/2024 3:06:57
/27/2024 3:06:57 1
/27/2024 3:06:57 P
/27/2024 3:06:57 PA
/27/2024 3:06:57 P

																	Work (Joz	Order No つけら ot		236
Project Manager:	Miranda	Milwee				Bill to: (if different)			Jim Raley						1	Wa	ork Order	Comments		
Company Name:	Carmona	a Resources				Company Name:			Devo	n Ener	gy				Pr	ogram: I		RP Brow	mfieldsRRC	; _uperfund _
Address:	310 W W	all St Ste 500)			Address: 5315 Buena Vista Dr						_	ate of Pr							
City, State ZIP:	Midland,	TX 79701				City, State ZIP: Carlsbad NM, 88220						Re	Reporting:Level II _ Level III _ ST/UST _ RRP _ Level IV _							
^o hone:					I: jim.raley	@dvn.c	om							De	Deliverables: EDD ADaPT Other:					
Project Name:		RDX :	21-22		Turr	Around					2021		ANA	LYSIS	REQUE	ST			Preserv	ative Codes
Project Number:		24	02		Routine	🗌 Rusł	1	Pres. Code											None: NO	DI Water: H ₂ O
Project Location		Eddy County,	New M	Mexico	Due Date:														Cool: Cool	MeOH: Me
ampler's Name:	e: MM							MRO)									HCL: HC	HNO3: HN		
PO #:		1249	0199				-	2		N + 0									H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEI	PT	Temp Blank	:	Yes No	Wet Ice:	Yes	No	8021B	DRI	Chloride 300.0								H ₃ PO ₄ : HP		
Received Intact:		Yes No		Thermometer ID	and the second second second	Darameters			BTEX 802	RO +	ide 3								NaHSO₄: NAE	
Cooler Custody Seal		Yes No N Yes No N		Correction Facto	Contrary Constant Automatic	4° 2				M (G	hlor								Na ₂ S ₂ O ₃ : NaS	
Sample Custody Sea Fotal Containers:	als:	Yes No N		Temperature Re Corrected Temp		IC	-			0150								Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC		
Sample Iden	tification	Da	ite		Soil	Water	Grab/ Comp	# of Cont		TPH 8015M (GRO + DRO +										Comments
CS-11 ((2.5')	7/26/	2024		Х		C	1	x	x	x	1001010-000							Lab#	1 (¹
CS-12 (7/26/	2024		x		С	1	x	x	x									12
CS-13 ((1.5')	7/26/	2024		Х	1	С	1	x	x	x									13
CS-14 ((1.5')	7/26/	2024		Х		С	1	x	x	x									14
CS-15 ((1.5')	7/26/	2024		Х		С	1	x	x	х									15
CS-16 ((1.5')	7/26/	2024		Х		С	1	x	x	x									16
CS-17 ((1.5')	7/26/	2024		Х		С	1	x	х	x									17
CS-18 ((1.5')	7/26/	2024		Х		С	1	x	x	x									18
SW-1 (1.5')	7/26/	2024		Х		С	1	x	x	x									19
SW-2 (1.5')	7/26/	2024		Х		С	1	X	x	x									20

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
had sug of a	7-2924 1125	Muhelle Gonzales	7-29-24 1125
Michelle Gonzales	7-29-24 1700	K.A.	7.29.24 170
L.M.	7.24.24 2145	Mushol R Heel	7-30-2 050

Envirotech Analytical Laboratory

Client:	Carmona Resources	Date Received:	07/30/24 05	5:00	Work Order ID:	E407236
Phone:	(432) 813-6823	Date Logged In:	07/29/24 16	6:36	Logged In By:	Noe Soto
Email:		Due Date:	08/05/24 17	7:00 (4 day TAT)		
Chain of	f Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
2. Does t	the number of samples per sampling site location	natch the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: 0	Courier	
4. Was th	he COC complete, i.e., signatures, dates/times, rec	uested analyses?	No			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducte i.e, 15 minute hold time, are not included in this disud		Yes		Comments	/Resolution
Sample '	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled is missing	g in COC by client.
Sample	Cooler				Project RDX 21-22 has l	been split to
7. Was a	sample cooler received?		Yes		different WO due to high	n sample volume.
8. If yes,	, was cooler received in good condition?		Yes		WO are E407236 and E4	•
9. Was tł	he sample(s) received intact, i.e., not broken?		Yes		w O are E407250 and E ²	+07237.
	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
2	he sample received on ice? If yes, the recorded temp is 4 Note: Thermal preservation is not required, if sample minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sam	ple temperature: 4 ^c	°C			
	Container	· · · · · · · _				
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct contain	ers?	Yes			
	appropriate volume/weight or number of sample cor		Yes			
Field La						
	e field sample labels filled out with the minimum i	nformation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	Preservation		NT			
	s the COC or field labels indicate the samples were	e preserved?	No			
	sample(s) correctly preserved? b filteration required and/or requested for dissolve	d matalo?	NA Na			
		u metais:	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multip		No			
27. If ye	s, does the COC specify which phase(s) is to be an	nalyzed?	NA			
Subcont	ract Laboratory					
28. Are s	samples required to get sent to a subcontract labor	atory?	No			
20 117	a subcontract laboratory specified by the client an	d if so who?	NA	Subcontract Lal		

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: RDX 21-22

Work Order: E407237

Job Number: 01058-0007

Received: 7/30/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 8/5/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/5/24

Miranda Milwee 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 21-22 Workorder: E407237 Date Received: 7/30/2024 5:00:00AM

Miranda Milwee,



Page 124 of 178

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/30/2024 5:00:00AM, under the Project Name: RDX 21-22.

The analytical test results summarized in this report with the Project Name: RDX 21-22 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW-3 (1.5')	5
SW-4 (1.5')	6
SW-5 (1.5')	7
SW-6 (1.5')	8
SW-7 (1.0')	9
SW-8 (2.5')	10
SW-9 (2.5')	11
SW-10 (2.5')	12
SW-11 (1.0')	13
SW-12 (1.5')	14
SW-13 (1.5')	15
SW-14 (1.5')	16
QC Summary Data	17
QC - Volatile Organics by EPA 8021B	17
QC - Nonhalogenated Organics by EPA 8015D - GRO	18
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	19
QC - Anions by EPA 300.0/9056A	20
Definitions and Notes	21
Chain of Custody etc.	22

Sample Summary

		Sample Sum	mary		
Carmona Resources		Project Name:	RDX 21-22		Reported:
310 West Wall St. Suite 415		Project Number:	01058-0007		Keporteu.
Midland TX, 79701		Project Manager:	Miranda Milwee		08/05/24 12:58
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-3 (1.5')	E407237-01A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-4 (1.5')	E407237-02A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-5 (1.5')	E407237-03A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-6 (1.5')	E407237-04A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-7 (1.0')	E407237-05A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-8 (2.5')	E407237-06A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-9 (2.5')	E407237-07A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-10 (2.5')	E407237-08A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-11 (1.0')	E407237-09A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
SW-12 (1.5')	E407237-10A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
W-13 (1.5')	E407237-11A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
W-14 (1.5')	E407237-12A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.



	50	ampie D	ala			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 010:	X 21-22 58-0007 anda Milwee			Reported: 8/5/2024 12:58:49PM
	\$	SW-3 (1.5')				
		E407237-01				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2431050
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Fotal Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
Surrogate: n-Nonane		121 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2431053
Chloride	364	20.0	1	07/30/24	07/30/24	

Sample Data



	Sa	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 0105	X 21-22 58-0007 anda Milwo	ee			Reported: 8/5/2024 12:58:49PM
		SW-4 (1.5')					
		E407237-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	BA		Batch: 2431050
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
p-Xylene	ND	0.0250		1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		110 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2431053
Chloride	225	20.0		1	07/30/24	07/30/24	



	S	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numl Project Mana	ber: 010	X 21-22 58-0007 anda Milwee			Reported: 8/5/2024 12:58:49PM
		SW-5 (1.5')				
		E407237-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2431050
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
o-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		112 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2431053
Chloride	318	20.0	1	07/30/24	07/30/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Mana	oer: 0103	X 21-22 58-0007 anda Milwee	e			Reported: 8/5/2024 12:58:49PM
		SW-6 (1.5')					
		E407237-04					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1	Analyst: BA			Batch: 2431050
Benzene	ND	0.0250	1		07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1		07/30/24	07/31/24	
Toluene	ND	0.0250	1		07/30/24	07/31/24	
p-Xylene	ND	0.0250	1		07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1		07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1		07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA			Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV			Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1		07/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/30/24	07/31/24	
Surrogate: n-Nonane		112 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: DT			Batch: 2431053
Chloride	310	20.0	1		07/30/24	07/30/24	

	S	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415	Project Name Project Numl		X 21-22 58-0007			Reported:
Midland TX, 79701	Project Mana	8/5/2024 12:58:49PM				
		SW-7 (1.0')				
		E407237-05				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: E					Batch: 2431050
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		114 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg mg/kg Analyst: DT				Batch: 2431053	
Chloride	21.2	20.0	1	07/30/24	07/30/24	

	Sa	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 010:	K 21-22 58-0007 anda Milwee			Reported: 8/5/2024 12:58:49PM
	5	SW-8 (2.5')				
		E407237-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg		Batch: 2431050			
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		114 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2431053
Chloride	20.2	20.0	1	07/30/24	07/30/24	



	29	imple D	ลเล			
Carmona Resources	Project Name:	RD	K 21-22			
310 West Wall St. Suite 415	Project Numbe	r: 010:	58-0007			Reported:
Midland TX, 79701	Project Manage	er: Mira	anda Milwee			8/5/2024 12:58:49PM
	S	SW-9 (2.5')				
]	E407237-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2431050
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Fotal Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		115 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2431053
Chloride	21.3	20.0	1	07/30/24	07/30/24	



	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name Project Numb Project Manaş	er: 0103	X 21-22 58-0007 anda Milw	ee			Reported: 8/5/2024 12:58:49PM
	Ś	SW-10 (2.5')					
		E407237-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: BA						Batch: 2431050
Benzene	ND	0.0250		1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250		1	07/30/24	07/31/24	
Toluene	ND	0.0250		1	07/30/24	07/31/24	
p-Xylene	ND	0.0250		1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500		1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250		1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0		1	07/30/24	07/31/24	
Dil Range Organics (C28-C36)	ND	50.0		1	07/30/24	07/31/24	
Surrogate: n-Nonane		115 %	50-200		07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2431053
Chloride	62.8	20.0		1	07/30/24	07/30/24	

	S	ample D	ata				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numb Project Manag	er: 0103	X 21-22 58-0007 anda Milwee	e		Reported: 8/5/2024 12:58:49PM	
	5	SW-11 (1.0')					
		E407237-09					
		Reporting					
Analyte	Result	Limit	Dilu	tion P	repared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: BA						Batch: 2431050
Benzene	ND	0.0250	1	0	7/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	0	7/30/24	07/31/24	
Toluene	ND	0.0250	1	0	7/30/24	07/31/24	
p-Xylene	ND	0.0250	1	0	7/30/24	07/31/24	
p,m-Xylene	ND	0.0500	1	0	7/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	0	7/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	0	7/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA			Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 0	7/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	0	7/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV			Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	0	7/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	0	7/30/24	07/31/24	
Surrogate: n-Nonane		120 %	50-200	0	7/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: DT			Batch: 2431053
Chloride	269	20.0	1	0	7/30/24	07/30/24	



	Sa	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701			Reported: 8/5/2024 12:58:49PM			
	S	W-12 (1.5')				
	-	E407237-10				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: BA					Batch: 2431050
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
o,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		118 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2431053
Chloride	665	20.0	1	07/30/24	07/30/24	



	Sa	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 010	K 21-22 58-0007 anda Milwee			Reported: 8/5/2024 12:58:49PM
	S	SW-13 (1.5')				
		E407237-11				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: BA		Batch: 2431050
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		113 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	А	nalyst: DT		Batch: 2431053	
Chloride	86.3	20.0	1	07/30/24	07/30/24	

	Sa	ample D	ata			
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manag	er: 010	X 21-22 58-0007 anda Milwee		Reported: 8/5/2024 12:58:49PM	
	S	SW-14 (1.5')				
	-	E407237-12				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: BA		Batch: 2431050
Benzene	ND	0.0250	1	07/30/24	07/31/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/31/24	
Toluene	ND	0.0250	1	07/30/24	07/31/24	
p-Xylene	ND	0.0250	1	07/30/24	07/31/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/31/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/31/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: BA		Batch: 2431050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/30/24	07/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: NV		Batch: 2431045
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/31/24	
Surrogate: n-Nonane		118 %	50-200	07/30/24	07/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: DT		Batch: 2431053
Chloride	61.4	20.0	1	07/30/24	07/30/24	



QC Summary Data

		QU D	ummu	i j Duu					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	01	DX 21-22 .058-0007 iranda Milwe	e				Reported: 8/5/2024 12:58:49PM
,		, 0		oy EPA 802					Analyst: BA
A 1. 4.		Reporting	Spike	Source		Rec		RPD	
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2431050-BLK1)							Prepared: 0	7/30/24	Analyzed: 07/31/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.14		8.00		89.2	70-130			
LCS (2431050-BS1)							Prepared: 0	7/30/24	Analyzed: 07/31/24
Benzene	4.31	0.0250	5.00		86.3	70-130			
Ethylbenzene	4.21	0.0250	5.00		84.2	70-130			
Toluene	4.38	0.0250	5.00		87.5	70-130			
p-Xylene	4.29	0.0250	5.00		85.9	70-130			
p,m-Xylene	8.66	0.0500	10.0		86.6	70-130			
Total Xylenes	13.0	0.0250	15.0		86.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			
Matrix Spike (2431050-MS1)				Source:	E407237-	07	Prepared: 0	7/30/24	Analyzed: 07/31/24
Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.99	0.0250	5.00	ND	99.7	61-133			
Toluene	5.20	0.0250	5.00	ND	104	61-130			
p-Xylene	5.11	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			
Matrix Spike Dup (2431050-MSD1)				Source:	E407237-	07	Prepared: 0	7/30/24	Analyzed: 07/31/24
Benzene	4.81	0.0250	5.00	ND	96.2	54-133	6.80	20	
Ethylbenzene	4.69	0.0250	5.00	ND	93.7	61-133	6.17	20	
Toluene	4.87	0.0250	5.00	ND	97.4	61-130	6.48	20	
p-Xylene	4.80	0.0250	5.00	ND	95.9	63-131	6.34	20	
			10.0			(2,121	5.90	20	
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131	5.90	20	
p,m-Xylene Total Xylenes	9.64 14.4	0.0500 0.0250	10.0 15.0	ND ND	96.4 96.3	63-131	6.04	20 20	



QC Summary Data

		QC D	umm	ary Data					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	0	DX 21-22 1058-0007 firanda Milwee					Reported: 8/5/2024 12:58:49PM
	No	nhalogenated C			5D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	6 6	6 6	6 6	6 6			,,,		
Blank (2431050-BLK1)							Prepared: 0	7/30/24 A	analyzed: 07/31/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.42		8.00		105	70-130			
LCS (2431050-BS2)							Prepared: 0	7/30/24 A	analyzed: 07/31/24
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.61		8.00		108	70-130			
Matrix Spike (2431050-MS2)				Source: F	407237-	07	Prepared: 0	7/30/24 A	analyzed: 07/31/24
Gasoline Range Organics (C6-C10)	42.4	20.0	50.0	ND	84.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.65		8.00		108	70-130			
Matrix Spike Dup (2431050-MSD2)				Source: F	407237-	07	Prepared: 0	7/30/24 A	analyzed: 08/01/24
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.8	70-130	5.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.39		8.00		105	70-130			

QC Summary Data

		QC D	umm	al y Data					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	(RDX 21-22 01058-0007 Miranda Milwee					Reported: 8/5/2024 12:58:49PM
	Nonh	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2431045-BLK1)							Prepared: 0	7/30/24 A	nalyzed: 07/30/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	61.4		50.0		123	50-200			
LCS (2431045-BS1)							Prepared: 0	7/30/24 A	nalyzed: 07/30/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	59.5		50.0		119	50-200			
Matrix Spike (2431045-MS1)				Source: E	407228-	04	Prepared: 0	7/30/24 A	nalyzed: 07/30/24
Diesel Range Organics (C10-C28)	34600	1250	250	33200	536	38-132			M4
Surrogate: n-Nonane	83.6		50.0		167	50-200			
Matrix Spike Dup (2431045-MSD1)				Source: E	407228-	04	Prepared: 0	7/30/24 A	nalyzed: 07/30/24
Diesel Range Organics (C10-C28)	24100	1250	250	33200	NR	38-132	35.6	20	M4, R3
Surrogate: n-Nonane	78.9		50.0		158	50-200			



QC Summary Data

		$\chi \cup \lambda$			•				
Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		DX 21-22 1058-0007					Reported:
Midland TX, 79701		Project Manager		Iiranda Milwee					8/5/2024 12:58:49PM
		Anions	by EPA	300.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2431053-BLK1)							Prepared: 0	7/30/24 A	analyzed: 07/30/24
Chloride	ND	20.0							
LCS (2431053-BS1)							Prepared: 0	7/30/24 A	analyzed: 07/30/24
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2431053-MS1)				Source: I	E 407237- (02	Prepared: 0	7/30/24 A	analyzed: 07/30/24
Chloride	481	20.0	250	225	103	80-120			
Matrix Spike Dup (2431053-MSD1)				Source: I	E 407237- (02	Prepared: 0	7/30/24 A	analyzed: 07/30/24
Chloride	480	20.0	250	225	102	80-120	0.322	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Proje	ect Name: R	DX 21-22							
15 Proje	ect Number: 0	1058-0007	Reported:						
Proje	ect Manager: N	/iranda Milwee	08/05/24 12:58						
	Proj H15 Proj	Project Name: R H15 Project Number: 0	Instruction Project Number: 01058-0007						

Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The M4 associated LCS spike recovery was acceptable.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

- NR Not Reported
- Relative Percent Difference RPD
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 143 of 178

Chain of Custody

																	Job	# 2	4036-	-0001	- H
																		0	1058-0	007	
					in a second design of the second	1				-									Page	_3 of	4
Project Manager:	Miranda	a Milwee				Bill to: (if	different)		Jim F	Raley							Work	Order C	omments		
Company Name:	Carmor	na Resou	urces			Company Name:			Devon Energy			Program: UST/PST PRP Prownfields RRC uperfund									
Address:	310 W	Wall St S	Ste 500			Address			5315 Buena Vista Dr				_	State of Project:							
City, State ZIP:	Midland	I, TX 797	701			City, Stat	City, State ZIP:		Carlsbad NM, 8822			20			_	0 	140.00 00.000 .00000000000000000000000000	II 🕒 ST/			
Phone:	(432) 8	13-9652			Emai	I: jim.raley	@dvn.c	om							Delive	ables: E		ADaPT	O Oth	er:	
Project Name:			RDX 21-22		Turr	n Around		0					AN	ALYSIS	REQUEST				Prese	vative Co	odes
Project Number:	1		2402		Routine	Rusi	1	Pres. Code											None: NO	DIW	ater: H ₂ O
Project Location		Eddy (County, New I	Mexico	Due Date:														Cool: Cool	MeO	H: Me
Sampler's Name:			MM							+ MRO)									HCL: HC	HNO	3: HN
PO #:			12490199					S		+0									H ₂ S0 ₄ : H ₂	NaOH	l: Na
SAMPLE RECE	IPT	Tem	p Blank:	Yes No	Wet Ice:	Yes	No	Parameters	18	DRG	0.00								H ₃ PO ₄ : HP		
Received Intact:		and the second se	No	Thermometer ID	and the second sec			arar	BTEX 8021B	+ 02	Chloride 300.0							1 1	NaHSO₄: NA		
Cooler Custody Sea			No N/A	Correction Facto	110		Q		E E	(Gł	hlori							1 1	Na ₂ S ₂ O ₃ : Na	377-1	
Sample Custody Se Total Containers:	eals:	Yes	No N/A	Temperature Re Corrected Temp	and the second se				1	8015M (GRO + DRO	Ö								Zn Acetate+ NaOH+Asco		SADC
Total Containers.				Conected Temp		1	Grab/	# of	-	TPH 8	i.								NaomAsco	Dic Acia.	
Sample Ide	entificatio	n	Date		Soil	Water	Comp	Cont		F									Samp	e Comm	ents
SW-3	(1.5')		7/26/2024		Х		С	1	x	x	x								Lab#	: 1	
SW-4	(1.5')		7/26/2024		X		С	1	x	x	х									2	
SW-5	(1.5')		7/26/2024		X		С	1	x	x	х									3	
SW-6	(1.5')		7/26/2024		X		С	1	x	x	х									Ч	
SW-7	(1.0')		7/26/2024		Х		С	1	×	x	х					_				5	
SW-8	(2.5')		7/26/2024		X		С	1	x	x	х									6	
SW-9	(2.5')		7/26/2024		Х		С	1	×	x	х									F	
SW-10) (2.5')		7/26/2024		X		С	1	×	x	x									8	
SW-11	1 (1.0')		7/26/2024		X	1	С	1	×	x	x									9	
SW-12	2 (1.5')		7/26/2024		X		С	1	x	x	x									10	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com, Conner Moehring / Cmoehring@carmonaresources.com, and Miranda Milwee / milweem@carmonaresources.com

Billing # 21190632

A Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
la laver la	7.2924 1125	Michelle Gonzales	72924 1125
/ Michelle Gonzales	7-2924 1700	A.H.	7.29.24 170
4. N.	7.29.24 2145	Mulligh R Hall	7-30-24 05

Released to Imaging: 9/27/2024 3:06:57 PM

Page 22 of 24

Received by OC: 9/11/2024 1:57:41 PM

Work Order No: <u>E407237</u>
Chain of Custody

															2 Wor	c Order N つら 甘	No: <u>E401</u> <u>24036</u> 01058-0 Page 4 er Comments	201 N												
oject Manager:	Miranda	Milwee			Bill to: (if	different)		Jim R	aley							Work Orde	er Comments	<u></u>												
ompany Name:	Carmona	a Resources			Company Name:				n Ener	gy				Program	n: UST/PST		ownfields RRC	_uperfund [
dress:	310 W W	Vall St Ste 500			Address:			5315	Buena	Vista Dr				and the second	Project:		_													
ity, State ZIP:	Midland,	TX 79701			City, Stat				M, 88220				Reportir	g:Level II 🗌 l	evel III 🕞	ST/UST	Level IV													
none:	(432) 813	3-9652		Ema	il: jim.raley	@dvn.c	om		1					Delivera	bles: EDD	AD	aPT D Other:													
roject Name:		RDX 21-22		Tur	n Around						SP-SP-	ANAL	YSIS RE	QUEST	en antes		Preserva	tive Codes												
roject Number:		2402		Routine	Rush	n 🚺	Pres. Code										None: NO	DI Water: H ₂ O												
roject Location		Eddy County, New M	Mexico	Due Date:													Cool: Cool	MeOH: Me												
mpler's Name:		MM							ARO)								HCL: HC	HNO3: HN												
D #:		12490199			1		2		4+0								H ₂ S0 ₄ : H ₂	NaOH: Na												
AMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	Yes No		21B	DR	0.000							H ₃ PO ₄ : HP													
eceived Intact:		Ves No	Thermometer ID		-	araı	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	ide 3	Chloride 300.0					NaHSO4: NABIS														
ooler Custody Sea ample Custody Se		Yes No N/A Yes No N/A	Correction Factor Temperature Re	and the second second	40,	400		400	400	400		400	400	2	400					BTE	M (G	Chlor							Na ₂ S ₂ O ₃ : NaSC Zn Acetate+Na0	
otal Containers:	415.	163 110 11/1	Corrected Temp		10					10	10	10	10				8015								NaOH+Ascorbio					
Sample Ide	ntification	Date		Soil	Water	Grab/ Comp	# of Cont		HdT								Sample (Comments												
SW-13	(1.5')	7/26/2024		X		С	1	x	x	x							Lab #	11												
SW-14	(1.5')	7/26/2024		X		С	1	x	x	x								12												
	In the second										4				_															
								_									-													
					-	-																								

et lar

Michelle Gonzales

Relinquished by: (Signature)

Released to Imaging: 9/27/2024 3:06:57 PM

Page 145 of 178

Date/Time

7-29-24

7.29.24

7-30-24

125

1700

050

Date/Time

7.29.24 2145

1125

1700

7-2924

7-2924

Received by: (Signature)

-011

IAA

heller

0

Michelle Cloudyles

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.											
If we receive	e no response concerning these items within 24 hours of the	e date of this not	ice, all the samp	les will be ana	lyzed as requ	iested.					
Client:	Carmona Resources I	Date Received:	07/30/24 05:00)		Work Order ID:	E407237				
Phone:	(432) 813-6823 I	Date Logged In:	07/29/24 16:47			Logged In By:	Noe Soto				
Email:	Ι	Due Date:	08/05/24 17:00	0 (4 day TAT)							
<u>Chain o</u>	f Custody (COC)										
1. Does	the sample ID match the COC?		Yes								
2. Does	the number of samples per sampling site location matcl	n the COC	Yes								
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier						
4. Was tl	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	No	_							
5. Were	all samples received within holding time?		Yes								
	Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion					Commen	nts/Resolution				
Sample	<u>Turn Around Time (TAT)</u>										
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sa	mpled is missii	ng in COC by client.	I			
Sample	Cooler				Project	RDX 21-22 has	s been split to	I			
7. Was a	sample cooler received?		Yes		differen	t WO due to hi	gh sample volume,				
8. If yes,	, was cooler received in good condition?		Yes			E407236 and I	• •				
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		WO uie	L407250 and 1					
10. Were	e custody/security seals present?		No					ſ			
11. If ye	s, were custody/security seals intact?		NA								
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are r minutes of sampling		Yes								
13. If no	visible ice, record the temperature. Actual sample te	emperature: <u>4°</u>	<u>C</u>								
<u>Sample</u>	<u>Container</u>										
14. Are a	aqueous VOC samples present?		No								
	VOC samples collected in VOA Vials?		NA								
	e head space less than 6-8 mm (pea sized or less)?		NA								
	a trip blank (TB) included for VOC analyses?		NA								
	non-VOC samples collected in the correct containers?		Yes								
	appropriate volume/weight or number of sample contained	rs collected?	Yes								
Field La								ſ			
	e field sample labels filled out with the minimum inform	nation:	Yes								
	Sample ID? Date/Time Collected?		Yes								
	Collectors name?		No								
<u>Sample</u>	Preservation										
	s the COC or field labels indicate the samples were pres	served?	No								
22. Are s	sample(s) correctly preserved?		NA								
24. Is lat	b filteration required and/or requested for dissolved me	tals?	No								
<u>Multiph</u>	ase Sample Matrix										
26. Does	s the sample have more than one phase, i.e., multiphase	?	No								
27. If ye	s, does the COC specify which phase(s) is to be analyz	ed?	NA								
Subcont	ract Laboratory										
	samples required to get sent to a subcontract laboratory	?	No								
	a subcontract laboratory specified by the client and if s			contract Lab	: NA						
	Instruction										

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: RDX 21-22

Work Order:	E408174

Job Number: 01058-0007

Received: 8/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/22/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/22/24

Jim Raley 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 21-22 Workorder: E408174 Date Received: 8/21/2024 5:00:00AM

Jim Raley,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/21/2024 5:00:00AM, under the Project Name: RDX 21-22.

The analytical test results summarized in this report with the Project Name: RDX 21-22 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW-12 (2.5')	5
QC Summary Data	6
QC - Volatile Organic Compounds by EPA 8260B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Page	150	of	178
1 480	100	y	1/0

		Sample Sum	mary		
Carmona Resources		Project Name:	RDX 21-22		Reported:
310 West Wall St. Suite 415		Project Number:	er: 01058-0007		Reported:
Midland TX, 79701		Project Manager:	Jim Raley		08/22/24 14:40
Client Sample ID	Lah Samnle ID	Matrix	Sampled	Received	Container
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container

C



	50	imple D	ala				
Carmona Resources	Project Name:		K 21-22				
310 West Wall St. Suite 415	Project Numbe		58-0007		Reported:		
Midland TX, 79701	Project Manage	er: Jim	Raley		8/22/2024 2:40:22PM		
	S	W-12 (2.5')					
]	E408174-01					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2434040
Benzene	ND	0.0250		1	08/21/24	08/22/24	
Ethylbenzene	ND	0.0250		1	08/21/24	08/22/24	
Toluene	ND	0.0250		1	08/21/24	08/22/24	
o-Xylene	ND	0.0250		1	08/21/24	08/22/24	
o,m-Xylene	ND	0.0500		1	08/21/24	08/22/24	
Total Xylenes	ND	0.0250		1	08/21/24	08/22/24	
Surrogate: Bromofluorobenzene		109 %	70-130		08/21/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		08/21/24	08/22/24	
Surrogate: Toluene-d8		105 %	70-130		08/21/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2434040
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/21/24	08/22/24	
Surrogate: Bromofluorobenzene		109 %	70-130		08/21/24	08/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		08/21/24	08/22/24	
Surrogate: Toluene-d8		105 %	70-130		08/21/24	08/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORG) mg/kg	mg/kg		Analyst: N	ĪV		Batch: 2434041
Diesel Range Organics (C10-C28)	ND	25.0		1	08/21/24	08/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	1	08/21/24	08/22/24	
Surrogate: n-Nonane		79.7 %	50-200		08/21/24	08/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	DT		Batch: 2434043
Chloride	ND	20.0		1	08/21/24	08/21/24	

Sample Data



QC Summary Data

	QC SI	IWWS	iry Data	<u>а</u>				
	Project Name:	R	DX 21-22					Reported:
	Project Number:	01	058-0007					
	Project Manager:	Jii	m Raley				8/2	22/2024 2:40:22PM
	Volatile Organic	Compo	unds by EI	PA 82601	B			Analyst: IY
	Reporting	Spike	Source		Rec		RPD	
Result		Level	Result	Rec				
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	8/21/24 Ana	yzed: 08/21/24
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
0.496		0.500		99.2	70-130			
0.464		0.500		92.7	70-130			
0.543		0.500		109	70-130			
						Prepared: 0	8/21/24 Ana	yzed: 08/21/24
2.34	0.0250	2.50		93.6	70-130			
2.39	0.0250	2.50		95.4	70-130			
2.41	0.0250	2.50		96.3	70-130			
2.26	0.0250	2.50		90.3	70-130			
4.56	0.0500	5.00		91.1	70-130			
6.81	0.0250	7.50		90.8	70-130			
0.482		0.500		96.3	70-130			
0.490		0.500		97.9	70-130			
0.523		0.500		105	70-130			
			Source:	E408172-	10	Prepared: 0	8/21/24 Ana	yzed: 08/21/24
2.31	0.0250	2.50	ND	92.4	48-131			
2.32		2.50	ND	92.8	45-135			
2.32	0.0250	2.50	ND	93.0	48-130			
2.29	0.0250	2.50	ND	91.4	43-135			
4.56	0.0500	5.00	ND	91.2	43-135			
6.85	0.0250	7.50	ND	91.3	43-135			
0.494		0.500		98.8	70-130			
0.497		0.500		99.3	70-130			
0.514		0.500		103	70-130			
			Source:	E408172-	10	Prepared: 0	8/21/24 Ana	yzed: 08/21/24
2.21	0.0250	2.50	ND	88.5	48-131	4.31	23	
2.24	0.0250	2.50	ND	89.5	45-135	3.64	27	
2.23	0.0250	2.50	ND	89.1	48-130	4.31	24	
2.20						4.66	27	
2.18	0.0250	2.50	ND	87.2	43-135	1.00	27	
	0.0250 0.0500	2.50 5.00	ND ND	87.2 88.2	43-135	3.36	27	
2.18								
2.18 4.41	0.0500	5.00	ND	88.2	43-135	3.36	27	
2.18 4.41 6.59	0.0500	5.00 7.50	ND	88.2 87.9	43-135 43-135	3.36	27	
-	Result mg/kg ND ND ND ND ND ND ND 0.496 0.464 0.543 2.34 2.39 2.41 2.26 4.56 6.81 0.482 0.490 0.523 2.31 2.32 2.32 2.32 2.32 2.32 2.32 2.	Linit Project Name: Project Number: Project Manager: Volatile Organic Result Reporting mg/kg mg/kg ND 0.0250 0.496 0.464 0.543 0.0250 2.41 0.0250 2.43 0.0250 0.482 0.490 0.523 0.0250 2.31 0.0250 2.32 0.0250 2.33 0.0250 2.34 0.0250 2.35 0.0250 2.32	Project Name: R Project Number: 01 Project Manager: Jin Volatile Organic Compo Result Reporting mg/kg Spike Level mg/kg ND 0.0250 0.496 0.500 0.496 0.500 0.496 0.500 0.496 0.500 0.543 0.500 0.543 0.500 0.543 0.500 0.490 0.500 0.490 0.500 0.490 0.500 0.523 0.500 0.523 0.500 <td>Project Name: RDX 21-22 Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EI Result Reporting Spike Source Result mg/kg mg/kg mg/kg mg/kg ND 0.0250 ND 0.0250 0.0464 0.500 0.600 0.444 0.500 2.50 2.34 0.0250 2.50 2.41 0.0250 2.50 0.482 0.500 5.00 0.523 0.500 5.00 0.482 0.500 5.00 0.523 0.500 ND 2.32<td>Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA \$2601 Result Reporting Spike Source Result Reporting Spike Source Rec MD 0.0250 mg/kg mg/kg % ND 0.0250 </td><td>Project Name: RDX 21-22 Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA 8260B Result Reporting Limit Spike Level Source Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % ND 0.0250 ND 0.0250 % % ND 0.0250 ND 0.0250 % % 0.496 0.500 92.7 70-130 0.464 0.500 93.6 70-130 0.464 0.500 96.3 70-130 2.34 0.0250 2.50 96.3 70-130 2.41 0.0250 2.50 90.8 70-130 2.43 0.0250 2.50 90.8 70-130 0.482 0.300 90.1 70-130 2.34 0.0250 2.50 90.8 70-130 2.41 0.0250 7.50 90.8 70-130</td><td>Project Number: RDX 21-22 Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA 8260B Result Reporting Limit Spike Level Source Result Rec Limit RPD mg/kg mg/kg mg/kg mg/kg % % % ND 0.0250 ND 0.0250 Prepared: 0 ND 0.0250 ND 0.0250 Prepared: 0 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 93.6 70-130 2.39 0.0250 2.50 95.4 70-130 2.41 0.0250 2.50 96.3 70-130 2.43 0.0250 7.50 90.8 70-130 <!--</td--><td>Project Name: RDX 21-22 Project Name:: 01058-0007 Project Manager: Jim Raley 87 Volatile Organic Compounds by EPA 8260B Result Rev Rev Rev RPD Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % <t< td=""></t<></td></td></td>	Project Name: RDX 21-22 Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EI Result Reporting Spike Source Result mg/kg mg/kg mg/kg mg/kg ND 0.0250 ND 0.0250 0.0464 0.500 0.600 0.444 0.500 2.50 2.34 0.0250 2.50 2.41 0.0250 2.50 0.482 0.500 5.00 0.523 0.500 5.00 0.482 0.500 5.00 0.523 0.500 ND 2.32 <td>Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA \$2601 Result Reporting Spike Source Result Reporting Spike Source Rec MD 0.0250 mg/kg mg/kg % ND 0.0250 </td> <td>Project Name: RDX 21-22 Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA 8260B Result Reporting Limit Spike Level Source Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % ND 0.0250 ND 0.0250 % % ND 0.0250 ND 0.0250 % % 0.496 0.500 92.7 70-130 0.464 0.500 93.6 70-130 0.464 0.500 96.3 70-130 2.34 0.0250 2.50 96.3 70-130 2.41 0.0250 2.50 90.8 70-130 2.43 0.0250 2.50 90.8 70-130 0.482 0.300 90.1 70-130 2.34 0.0250 2.50 90.8 70-130 2.41 0.0250 7.50 90.8 70-130</td> <td>Project Number: RDX 21-22 Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA 8260B Result Reporting Limit Spike Level Source Result Rec Limit RPD mg/kg mg/kg mg/kg mg/kg % % % ND 0.0250 ND 0.0250 Prepared: 0 ND 0.0250 ND 0.0250 Prepared: 0 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 93.6 70-130 2.39 0.0250 2.50 95.4 70-130 2.41 0.0250 2.50 96.3 70-130 2.43 0.0250 7.50 90.8 70-130 <!--</td--><td>Project Name: RDX 21-22 Project Name:: 01058-0007 Project Manager: Jim Raley 87 Volatile Organic Compounds by EPA 8260B Result Rev Rev Rev RPD Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % <t< td=""></t<></td></td>	Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA \$2601 Result Reporting Spike Source Result Reporting Spike Source Rec MD 0.0250 mg/kg mg/kg % ND 0.0250	Project Name: RDX 21-22 Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA 8260B Result Reporting Limit Spike Level Source Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % ND 0.0250 ND 0.0250 % % ND 0.0250 ND 0.0250 % % 0.496 0.500 92.7 70-130 0.464 0.500 93.6 70-130 0.464 0.500 96.3 70-130 2.34 0.0250 2.50 96.3 70-130 2.41 0.0250 2.50 90.8 70-130 2.43 0.0250 2.50 90.8 70-130 0.482 0.300 90.1 70-130 2.34 0.0250 2.50 90.8 70-130 2.41 0.0250 7.50 90.8 70-130	Project Number: RDX 21-22 Project Number: 01058-0007 Project Manager: Jim Raley Volatile Organic Compounds by EPA 8260B Result Reporting Limit Spike Level Source Result Rec Limit RPD mg/kg mg/kg mg/kg mg/kg % % % ND 0.0250 ND 0.0250 Prepared: 0 ND 0.0250 ND 0.0250 Prepared: 0 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 92.7 70-130 0.464 0.500 93.6 70-130 2.39 0.0250 2.50 95.4 70-130 2.41 0.0250 2.50 96.3 70-130 2.43 0.0250 7.50 90.8 70-130 </td <td>Project Name: RDX 21-22 Project Name:: 01058-0007 Project Manager: Jim Raley 87 Volatile Organic Compounds by EPA 8260B Result Rev Rev Rev RPD Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % <t< td=""></t<></td>	Project Name: RDX 21-22 Project Name:: 01058-0007 Project Manager: Jim Raley 87 Volatile Organic Compounds by EPA 8260B Result Rev Rev Rev RPD Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % <t< td=""></t<>



QC Summary Data

		QC D	umma	in y Dat	a				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	01	DX 21-22 058-0007 n Raley					Reported: 8/22/2024 2:40:22PM
		Analyst: IY							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434040-BLK1)							Prepared: 0	8/21/24	Analyzed: 08/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.7	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			
LCS (2434040-BS2)							Prepared: 0	8/21/24	Analyzed: 08/21/24
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			
Matrix Spike (2434040-MS2)				Source:	E408172-1	10	Prepared: 0	8/21/24	Analyzed: 08/21/24
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.4	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			
Matrix Spike Dup (2434040-MSD2)				Source:	E408172 -1	10	Prepared: 0	8/21/24	Analyzed: 08/21/24
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.3	70-130	7.64	20	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			



QC Summary Data

		QC D		ary Data					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	0	DX 21-22 1058-0007 im Raley					Reported: 8/22/2024 2:40:22PM
	Nonh	alogenated Org	anics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2434041-BLK1)							Prepared: 0	8/21/24 <i>A</i>	Analyzed: 08/22/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.9		50.0		83.8	50-200			
LCS (2434041-BS1)							Prepared: 0	8/21/24 <i>A</i>	Analyzed: 08/22/24
Diesel Range Organics (C10-C28)	187	25.0	250		74.8	38-132			
Surrogate: n-Nonane	38.8		50.0		77.7	50-200			
Matrix Spike (2434041-MS1)				Source:	E408172-	08	Prepared: 0	8/21/24 <i>A</i>	Analyzed: 08/22/24
Diesel Range Organics (C10-C28)	192	25.0	250	ND	76.8	38-132			
Surrogate: n-Nonane	39.5		50.0		78.9	50-200			
Matrix Spike Dup (2434041-MSD1)				Source:	E408172-	08	Prepared: 0	8/21/24 A	Analyzed: 08/22/24
Diesel Range Organics (C10-C28)	192	25.0	250	ND	76.9	38-132	0.0388	20	
Surrogate: n-Nonane	41.2		50.0		82.4	50-200			



QC Summary Data

		$\mathbf{x} \in \mathbf{z}$							
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	0	DX 21-22 1058-0007 im Raley					Reported: 8/22/2024 2:40:22PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2434043-BLK1)							Prepared: 0	8/21/24 A	nalyzed: 08/21/24
Chloride	ND	20.0					1		<u> </u>
LCS (2434043-BS1)							Prepared: 0	8/21/24 A	nalyzed: 08/21/24
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2434043-MS1)				Source:	E408172-	03	Prepared: 08/21/24 Analyzed: 08/21/24		
Chloride	374	20.0	250	116	103	80-120			
Matrix Spike Dup (2434043-MSD1)				Source:	E408172-	03	Prepared: 0	8/21/24 A	nalyzed: 08/21/24
Chloride	379	20.0	250	116	105	80-120	1.46	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

	Demmerons		
Carmona Resources	Project Name:	RDX 21-22	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Jim Raley	08/22/24 14:40
	310 West Wall St. Suite 415	Carmona ResourcesProject Name:310 West Wall St. Suite 415Project Number:	310 West Wall St. Suite 415Project Number:01058-0007

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Project Manager:	Miranda Mil				Bill to: (if		(Carla	Jim F			-	_	-			11-12	100	10/		Page1 of1	
Company Name:	Carmona R				Compan				n Ener						Dear		et/Det			er Comments ownfieldsRCperfund	
ddress:	310 W Wall				Address:	1000			2000	a Vista Di					1 mar 1 m	of Pro		Пык	- Di	ownfields RC perfund	
tity, State ZIP:	Midland, TX				City, Stat			1						_			72A	Level	. □	ST/UST RRP Level IV	
hone:	(432) 813-9			Ema	il: jim.ralev		Carlsbad NM, 88220							erables				DaPT Other:			
roject Name:	1	RDX 21-22		THE REPORT	n Around		1	ANALYSIS REC						e pec							
roject Number:		2402		Routine	Rusi	h	Pres.			T				5 KEG	UESI	П		T	T	Preservative Codes None: NO DI Water: H	
roject Location	Ed	dy County, New	Mexico	Due Date:	Т	ur TAT	Code		-			_		_						Cool: Cool MeOH: Me	
ampler's Name:		GPJ	MONIOO	Due Dale.	1 40110				SO)											HCL: HC HNO ₃ : HN	
O #:		12490199					Ś		+ MRO)											H ₂ S0 ₄ : H ₂ NaOH: Na	
AMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	8	DRO	0.0										H ₃ PO ₄ : HP	
eceived Intact:		Yes No	Thermometer ID		8	_	aran	8021B	+ 0	1e 30										NaHSO4: NABIS	
ooler Custody Seal		es No N/A	Correction Facto				Å	BTEX	(GR	Chloride 300.0						-				Na ₂ S ₂ O ₃ : NaSO ₃	
ample Custody Sea	als: Y	es No N/A	Temperature Re		10			—	15M	ð				1.1						Zn Acetate+NaOH: Zn	
otal Containers:		1	Corrected Temp	erature:		1	1		TPH 8015M (GRO +											NaOH+Ascorbic Acid: SAPC	
Sample Ider	ntification	Date		Soil	Water	Grab/ Comp	# of Cont		L H		- A.									Sample Comments	
SW-12	(2.5')	8/14/2024		X		x x x					-	-				-	Lab #				
													-	-	-		-			•	
								1						1							
				_										-							
								- 31													
				_		-															
	1 Section																				
													-							onaresources.com	

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Carmona Resources	Date Received:	08/21/24 05	:00	Work Order ID: E408174
Phone:	(432) 813-6823	Date Logged In:	08/20/24 15	:50	Logged In By: Raina Schwanz
Email:		Due Date:	08/22/24 17	7:00 (1 day TAT)	<i>a i</i>
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location ma	tch the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	'ourier
4. Was th	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes		Comments/Resolution
Sample 7	<u> Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not on COC by client.
Sample (<u>Cooler</u>				
7. Was a	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar		Yes		
13 Ifno	minutes of sampling visible ice, record the temperature. Actual sample	temperature: 4º	C		
		temperature. <u>4</u>	<u>c</u>		
	Container queous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers	?	Yes		
	appropriate volume/weight or number of sample contai		Yes		
Field La					
	field sample labels filled out with the minimum info	ormation:			
	Sample ID?		Yes		
	Date/Time Collected?		No	L	
	Collectors name?		No		
	<u>Preservation</u>	10 and 10	ът.		
	the COC or field labels indicate the samples were p	reserved?	No		
	ample(s) correctly preserved? filteration required and/or requested for dissolved r	metals?	NA No		
		notals:	No		
-	ase Sample Matrix				
	the sample have more than one phase, i.e., multipha		No		
27. If yes	s, does the COC specify which phase(s) is to be anal	yzed?	NA		
	ract Laboratory				
	amples required to get sent to a subcontract laborate	•	No		
20 Wes /	a subcontract laboratory specified by the client and i	f so who?	NA S	Subcontract Lab	• N A

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

-





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: RDX 21-22

Work Order: E408055

Job Number: 01058-0007

Received: 8/7/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/8/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/8/24

Miranda Milwee 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 21-22 Workorder: E408055 Date Received: 8/7/2024 10:30:00AM

Miranda Milwee,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/7/2024 10:30:00AM, under the Project Name: RDX 21-22.

The analytical test results summarized in this report with the Project Name: RDX 21-22 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
MOS Crushing Pit	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

·		Sample Sum	mary		
Carmona Resources		Project Name:	RDX 21-22		Reported:
310 West Wall St. Suite 415		Project Number:	01058-0007		Reporteu:
Midland TX, 79701		Project Manager:	Miranda Milwee		08/08/24 13:42
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MOS Crushing Pit	E408055-01A	Soil	08/06/24	08/07/24	Glass Jar, 4 oz.



	Sa	ample D	ata			
Carmona Resources	Project Name:	RDZ	K 21-22			
310 West Wall St. Suite 415	Project Numbe	er: 0103	58-0007	Reported:		
Midland TX, 79701	Project Manag	ger: Mira	anda Milwee			8/8/2024 1:42:01PM
	МО	S Crushing	Pit			
		E408055-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2432052
Benzene	ND	0.0250	1	08/07/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/07/24	
Toluene	ND	0.0250	1	08/07/24	08/07/24	
o-Xylene	ND	0.0250	1	08/07/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/07/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	08/07/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2432052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	08/07/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2432044
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/07/24	
Surrogate: n-Nonane		83.0 %	50-200	08/07/24	08/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2432048
Chloride	183	20.0	1	08/07/24	08/07/24	



QC Summary Data

				ing Duc					
Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		DX 21-22 1058-0007					Reported:
Midland TX, 79701		Project Manager:		liranda Milwe	e				8/8/2024 1:42:01PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2432052-BLK1)							Prepared: 0	8/07/24 A	Analyzed: 08/07/24
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			
LCS (2432052-BS1)							Prepared: 0	8/07/24 A	Analyzed: 08/07/24
Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	4.91	0.0250	5.00		98.1	70-130			
Toluene	5.14	0.0250	5.00		103	70-130			
o-Xylene	4.98	0.0250	5.00		99.6	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			
Matrix Spike (2432052-MS1)				Source:	E408050-	09	Prepared: 0	8/07/24 A	Analyzed: 08/07/24
Benzene	4.39	0.0250	5.00	ND	87.8	54-133			
Ethylbenzene	4.12	0.0250	5.00	ND	82.5	61-133			
Toluene	4.33	0.0250	5.00	ND	86.5	61-130			
p-Xylene	4.20	0.0250	5.00	ND	83.9	63-131			
p,m-Xylene	8.52	0.0500	10.0	ND	85.2	63-131			
Total Xylenes	12.7	0.0250	15.0	ND	84.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.3	70-130			
Matrix Spike Dup (2432052-MSD1)				Source:	E408050-	09	Prepared: 0	8/07/24 A	Analyzed: 08/07/24
Benzene	4.88	0.0250	5.00	ND	97.7	54-133	10.7	20	
Ethylbenzene	4.61	0.0250	5.00	ND	92.3	61-133	11.2	20	
Toluene	4.82	0.0250	5.00	ND	96.4	61-130	10.8	20	
o-Xylene	4.68	0.0250	5.00	ND	93.7	63-131	11.0	20	
p,m-Xylene	9.52	0.0500	10.0	ND	95.2	63-131	11.0	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.7	63-131	11.0	20	
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			



QC Summary Data

		QC D	umm	ary Data					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	0	DX 21-22 1058-0007 firanda Milwee					Reported: 8/8/2024 1:42:01PM
	No	nhalogenated C			5D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	шуку	шукg	ing/kg	iiig/kg	/0	/0	70	/0	INOICES
Blank (2432052-BLK1)							Prepared: 0	8/07/24 A	nalyzed: 08/07/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.35		8.00		104	70-130			
LCS (2432052-BS2)							Prepared: 0	8/07/24 A	nalyzed: 08/07/24
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.55		8.00		107	70-130			
Matrix Spike (2432052-MS2)				Source: H	2408050-	09	Prepared: 0	8/07/24 A	nalyzed: 08/07/24
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0	ND	87.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130			
Matrix Spike Dup (2432052-MSD2)				Source: H	2408050-	09	Prepared: 0	8/07/24 A	nalyzed: 08/07/24
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.6	70-130	3.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.57		8.00		107	70-130			

QC Summary Data

		QC D	u 111111	ary Data					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	C	RDX 21-22 01058-0007 Miranda Milwee					Reported: 8/8/2024 1:42:01PM
	Nonh	alogenated Org	anics by	v EPA 8015D	- DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2432044-BLK1)							Prepared: 0	8/07/24 A	nalyzed: 08/07/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	48.3	50.0	50.0		96.6	50-200			
LCS (2432044-BS1)							Prepared: 0	8/07/24 A	analyzed: 08/07/24
Diesel Range Organics (C10-C28)	290	25.0	250		116	38-132			
Surrogate: n-Nonane	46.5		50.0		93.0	50-200			
Matrix Spike (2432044-MS1)				Source: E	408048-	01	Prepared: 0	8/07/24 A	analyzed: 08/07/24
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	47.2		50.0		94.5	50-200			
Matrix Spike Dup (2432044-MSD1)				Source: E	408048-	01	Prepared: 0	8/07/24 A	analyzed: 08/07/24
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132	0.902	20	
Surrogate: n-Nonane	49.3		50.0		98.5	50-200			



QC Summary Data

		• • •	-		-				
Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		RDX 21-22 01058-0007					Reported:
Midland TX, 79701		Project Manager:		Airanda Milwee					8/8/2024 1:42:01PM
		Anions	by EPA	300.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2432048-BLK1)							Prepared: 0	8/07/24 <i>A</i>	Analyzed: 08/07/24
Chloride	ND	20.0							
LCS (2432048-BS1)							Prepared: 0	8/07/24 A	Analyzed: 08/07/24
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2432048-MS1)				Source: I	E 408048- (03	Prepared: 0	8/07/24 A	Analyzed: 08/07/24
Chloride	754	200	250	343	165	80-120			M1
Matrix Spike Dup (2432048-MSD1)				Source: I	E 408048- (03	Prepared: 0	8/07/24 A	Analyzed: 08/07/24
Chloride	636	200	250	343	117	80-120	17.0	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Carmona Resources	Project 1	Name: RDX 21-22	
310 West Wall St. Suite 4	15 Project N	Number: 01058-0007	Reported:
Midland TX, 79701	Project N	Manager: Miranda Milwee	08/08/24 13:42

M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: <u>E408055</u> JobH 01058-0007

roject Manager:	Miranda Milwe	e			Bill to: (#	different)	-	Jim R	Raley						1.7.8		Wo	ork Orde	or Comments											
ompany Name:	Carmona Res	ources			Company	v Name:		Devo	n Ener	gy				P	rogram	: UST/F	ST P	RP Bro	wnfields RR	C Duperfund										
ddress.	310 W Wall St	t Ste 500		_	Address		NAME IN	5315	Buena	Vista D				s	tate of	Project	:													
ity, State ZIP:	Midland, TX 7	9701			City, Stat	le ZIP	all yes	Carls	bad NI	M. 88220)			R	eporting	j Level	II 🗌 Leve	el III 🕞	ST/UST DRR	P Level IV										
hone;	(432) 813-965	2		Ema	i: jim.raley	@dvn.c	om							0	eliverat	xles: EL		AD	aPT 🗆 Oth	er.										
roject Name:		RDX 21-22		Tur	n Around	Around		Around		Around		Around		Around		Around						ANA	YSIS	REQUE	ST			Sec.	Preser	vative Codes
roject Number:		2402		© Routine	Rush		Pres. Code							T					None: NO	DI Water: H ₂ C										
oject Location	Eddy	County, New	Mexico	Due Date:	24 H	r TAT						-	-						Cool: Cool	MeOH: Me										
mpler's Name:		MM						1	RO)										HCL: HC	HNO3: HN										
0 #:		12490199							+ MRO)										H ₂ S0 ₄ : H ₂	NaOH. Na										
AMPLE RECEI	РТ Те	mp Blank.	Yes No	Wet Ice:	Yes	No	Parameters	8	DRO	0.0									H-PO, HP											
ceived Intact.		es No	Thermometer ID).			Lan	BTEX 80 21B	••	e 300									NaHSO, NA	815										
oler Custody Seals	s: Yes	NO NA	Correction Fact	or:			Pa	ă	GR	oride									Na ₂ S ₂ O ₂ Na											
imple Custody Sea	ils: Yes	No N/A	Temperature Re	eading:	to	C	BTEX 80 21B BOTSM (GRO + DRO			CF									Zn Acetate+f	laOH: Zn										
tal Containers			Corrected Temp	perature:			1		801										NaOH+Asco	bic Acid: SAPC										
Sample Iden	ntification	Date		Soil	Water	Grab/ Comp	# of Cont		Hđi										Sampl	e Comments										
MOS Crush	hing Pit	8/6/2024	-	x		С	1	x	x	x									-	I										
																	1			to a sector of the sector of t										
					1	1		1																						
		•				1		-					-			-														
			1			1		1				-					-													
					1			1				-																		
					1			-																						
					1																									
				+	1																									
	I to Mike Carm		the second second		1	-																								

Received by OCD: 9/11/2024 1:57:41 PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Carmona Resources	Date Received:	08/07/24 10:	:30	Work Orde	r ID:	E408055
Phone:	(432) 813-6823	Date Logged In:	08/07/24 08:	:20	Logged In	By:	Raina Schwanz
Email:		Due Date:	08/08/24 17	:00 (1 day TAT)			
<u>Chain of</u>	<u>Custody (COC)</u>						
1. Does t	he sample ID match the COC?		Yes				
2. Does the	he number of samples per sampling site location m	atch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	ourier		
4. Was th	e COC complete, i.e., signatures, dates/times, requ	ested analyses?	No	_			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucs		Yes		Con	ımen	ts/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not l	iste	d on COC by client.
Sample C	Cooler						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
12. Was th	ne sample received on ice? If yes, the recorded temp is 4% Note: Thermal preservation is not required, if samples a minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual samp	le temperature: <u>4°</u>	<u>C</u>				
Sample (<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	a trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct container	s?	Yes				
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field La	<u>bel</u>						
	field sample labels filled out with the minimum in	formation:					
	ample ID?		Yes				
	Date/Time Collected? Collectors name?		No				
	Preservation		No				
	the COC or field labels indicate the samples were	preserved?	No				
	ample(s) correctly preserved?	p	NA				
	filteration required and/or requested for dissolved	metals?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multipl	ase?	No				
	s, does the COC specify which phase(s) is to be ana		NA				
		.172001	INA				
Subconfr	ract Laboratory						
	· · · · · · · · · · · · · · · · · · ·						
28. Are s	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and	-	No NA S	ubcontract Lab			

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

•

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

District III

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

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

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

QUESTIONS

Action 382669

QUESTIONS			
Operator:	OGRID:		
WPX Energy Permian, LLC	246289		
Devon Energy - Regulatory	Action Number:		
Oklahoma City, OK 73102	382669		
	Action Type:		
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)		

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2416548536	
Incident Name	NAPP2416548536 RDX 21-22 @ 30-015-40561	
Incident Type	Produced Water Release	
Incident Status	Remediation Closure Report Received	
Incident Well	[30-015-40561] RDX FEDERAL 21 #022	

Location of Release Source

Please answer all the questions in this group.		
Site Name	RDX 21-22	
Date Release Discovered	06/03/2024	
Surface Owner	Federal	

Incident Details

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Transport Produced Water Released: 10 BBL Recovered: 9 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

District III

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

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

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

QUESTIONS, Page 2

Page 172 of 178

Action 382669

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	382669
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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	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
	Not answered. ation 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 complet Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 09/11/2024

District I

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

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

District III

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

District IV

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

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

Page 173 of 178

QUESTIONS, Page 3

Action 382669

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	382669
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	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 an	d the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 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	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
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

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. Requesting a remediation plan approval with this submission Yes Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Have the lateral and vertical extents of contamination been fully delineated Yes Was this release entirely contained within a lined containment area No Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) Chloride (EPA 300.0 or SM4500 CI B) 22800 TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) 460 GRO+DRO (EPA SW-846 Method 8015M) 244 BTEX (EPA SW-846 Method 8021B or 8260B) 0 (EPA SW-846 Method 8021B or 8260B) Benzene 0 Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. On what estimated date will the remediation commence 07/23/2024 On what date will (or did) the final sampling or liner inspection occur 07/26/2024 On what date will (or was) the remediation complete(d) 08/23/2024 What is the estimated surface area (in square feet) that will be reclaimed 0 What is the estimated volume (in cubic yards) that will be reclaimed 0 What is the estimated surface area (in square feet) that will be remediated 3600 What is the estimated volume (in cubic yards) that will be remediated 270 These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required

District I

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

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

District III

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

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

Phone: (505) 476-3470 Fax: (505) 476-3462

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

Action 382669

QUESTIONS (continued) Operator OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 382669 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.) (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) Yes Which OCD approved facility will be used for off-site disposal Not answered 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 Yes In which state is the disposal taking place Texas What is the name of the out-of-state facility R360 OR is the off-site disposal site, to be used, an NMED facility Not answered. (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) Not answered (In Situ) Soil Vapor Extraction Not answered. (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) Not answered. (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) Not answered. (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) Not answered Ground Water Abatement pursuant to 19.15.30 NMAC Not answered. OTHER (Non-listed remedial process) Not answered 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

	Name: James Raley Title: EHS Professional	
I hereby agree and sign off to the above statement	Email: jim.raley@dvn.com	
	Date: 09/11/2024	
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

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

District III

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

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

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

Page 175 of 178

Action 382669

QUESTIONS (continued)		
Operator: WPX Energy Permian, LLC	OGRID: 246289	
Devon Energy - Regulatory Oklahoma City, OK 73102	Action Number: 382669	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
OUESTIONS		

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	Νο			

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

District III

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

District IV

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

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

Page 176 of 178

QUESTIONS, Page 6

Action 382669

QUESTIONS (continued) Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 382669 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	366330	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/26/2024	
What was the (estimated) number of samples that were to be gathered	38	
What was the sampling surface area in square feet	3596	

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes		
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Was this release entirely contained within a lined containment area	No		
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes		
What was the total surface area (in square feet) remediated	3600		
What was the total volume (cubic yards) remediated	270		
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)	Impacted soils removed.		
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 or final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.			
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or		

local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 09/11/2024
--	--

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

District III

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

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

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

QUESTIONS, Page 7

Action 382669

Page 177 of 178

QUESTIONS (continued)	
Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289 Action Number: 382669
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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

District III

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

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

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

Page 178 of 178

CONDITIONS

Action 382669

Condition Date 9/27/2024

Operator: OGRID: WPX Energy Permian, LLC 246289 Devon Energy - Regulatory Action Number: Oklahoma City, OK 73102 382669 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

CONDITIONS

Created By Condition

scwells None

Released to Imaging: 9/27/2024 3:06:57 PM