

SITE INFORMATION

Deferment Report RDX 17 #005 Eddy County, New Mexico Incident ID: NAPP2406528831 Unit B Sec 17 T26S R30E 32.0489311°, -103.902359°

Produced Water Release
Point of Release: Equipment Failure

Release Date: 03/03/2024

Volume Released: 6 Barrels of Produced Water Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES

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 RECLAMATION ACTIVITIES

7.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	EXCAVATION
FIGURE 5	DEFERRAL	FIGURE 6	RECLAMATION

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C N.O.R. AND FINAL C-141/NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS

APPENDIX F RECLAMATION CRITERIA

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



July 8, 2024

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

Re: Deferment Report

RDX 17 #005 Devon Energy

Incident #NAPP2406528831

Site Location: Unit B, S17, T26S, R30E (Lat 32.0489311°, Long -103.902359°)

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 17 #005. The site is located at 32.0489311°, -103.902359° within Unit B, S17, 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 March 3, 2024, due to equipment failure. It resulted in the release of six (6) barrels of produced water, with zero (0) barrels recovered. Refer to Figure 3. The release occurred on and off 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. On September 7, 2021, a third-party company was nearby to drill a groundwater determination bore to 56' below ground surface and approximately 0.31 miles Northeast of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected 56' below the surface. The coordinates for the groundwater determination bore are 32.050930°, -103.899006°. See Appendix D for the driller's log. A copy of the associated Summary report is attached in Appendix D.

On May 11, 2017, a third-party company was onsite to drill a groundwater determination bore to 125' below ground surface and approximately 0.55 miles Southeast of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 125' below the surface. The coordinates for the groundwater determination bore are 32.045542°, -103.894231°. See Appendix D for the driller's log.

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

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• Chloride: 10,000 mg/kg.

4.0 Site Assessment Activities

Trenching Activities

On March 21, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical extent, three (3) trenches (T-1 through T-3) were advanced to depths ranging from the surface to 9' bgs inside 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.

Vertical Delineation

Due to Devon Policy, the area of T-1 and T-2 could only be hand-trenched as it is inside a bermed facility with buried lines, and the crew encountered a dense layer at 2' to 3'. The area of T-3 in the pasture could not be vertically delineated due to equipment limitations. See Table 1 for the analytical results.

Drilling Activities

On April 29, 2024, Carmona Resources, LLC returned to the site to vertically and horizontally delineate the pad and pasture. Two (2) bore holes (BH-1 and BH-2) were advanced to depths ranging from the surface to 30' bgs inside 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.

Vertical Delineation

Vertical delineation was achieved for the areas of BH-1 and BH-2.

Horizontal Delineation

All horizontal locations were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were on site to oversee excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on June 6, 2024, and via NMOCD web portal on June 7, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of eight (8) confirmation floor samples (CS-1 through CS-8) and twelve (12) sidewall samples (SW-1 through SW-12) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to 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. Refer to Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

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Deferral Area

Sidewall samples (SW-1, and SW-4 through SW-9) showed high chloride concentrations ranging from 660 mg/kg to 5,430 mg/kg and elevated TPH levels ranging from 135 mg/kg to 327 mg/kg. Refer to Table 2. The deferment sidewalls that are still above the regulatory limits are shown in Figure 5. Once the equipment is removed, those areas will be evaluated further.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The material utilized for backfill was sourced from R360 and the Onsurez Pit. R360 is located at 5053 US Highway 285 N, Orla, TX 79770 and the Onsurez Pit is located at GPS 32.308276, -104.063106. The pit samples were analyzed for TPH analysis 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.

On June 28, 2024, the backfilled areas in the pasture were seeded via hand broadcasting with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the vegetation process. The seed mixture used was BLM #2 mixture. See Appendix F for the soil survey and map and Figure 6 for the reclamation area

Approximately 180 cubic yards of material were excavated and transported offsite for proper disposal.

7.0 Conclusions

Based on the area, safety, and active facility, Devon requests to defer the chloride and TPH impact from the area near the facility equipment (surface lines, buried lines and tanks) until the equipment is removed. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Ashton Thielke

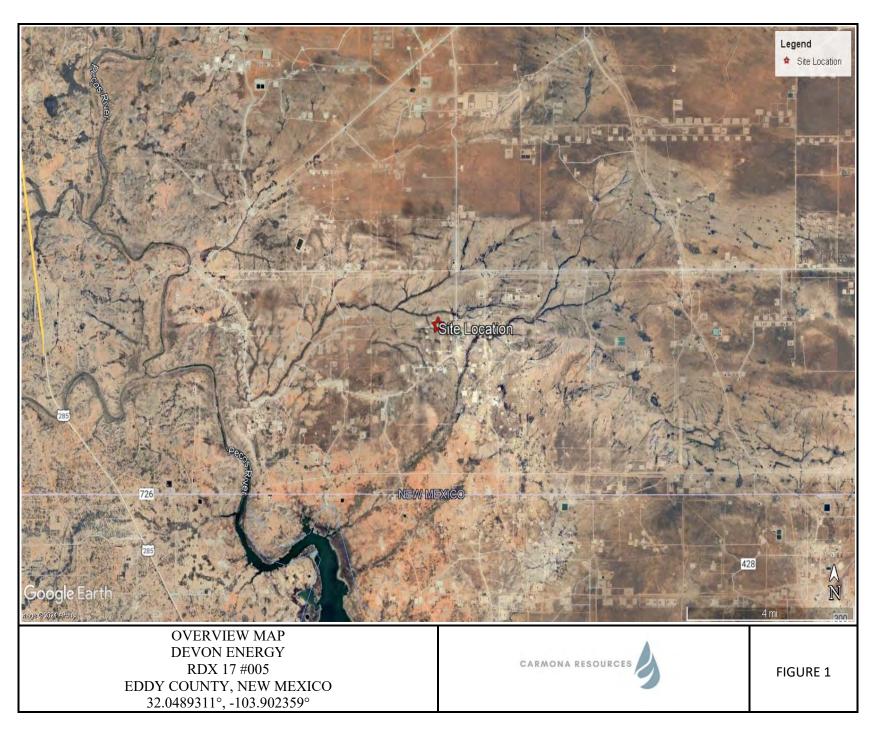
Sr. Project Manager

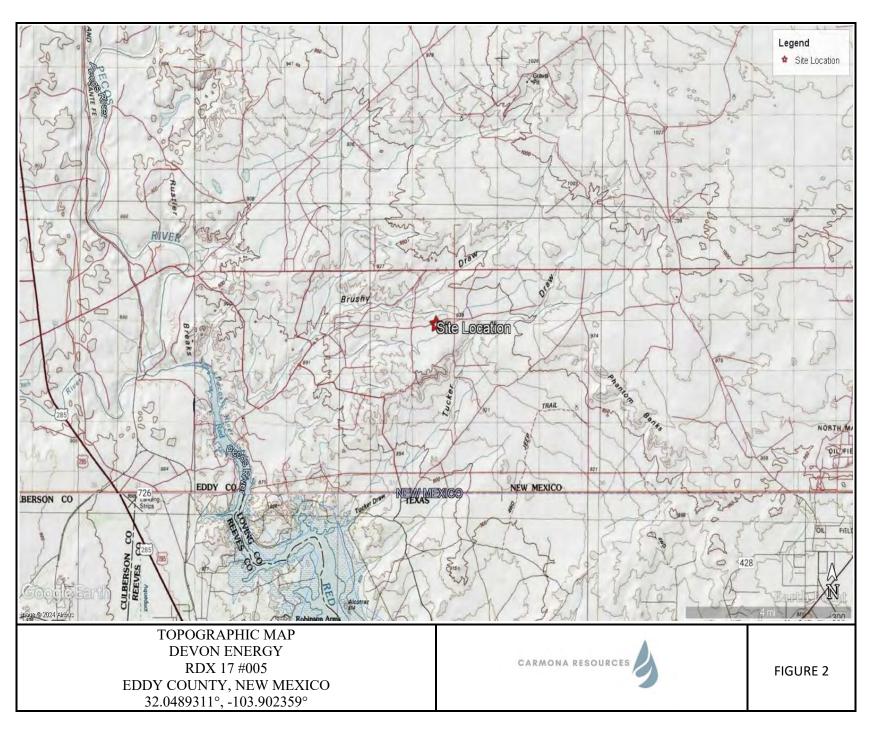
Miranda Milwee Project Manager

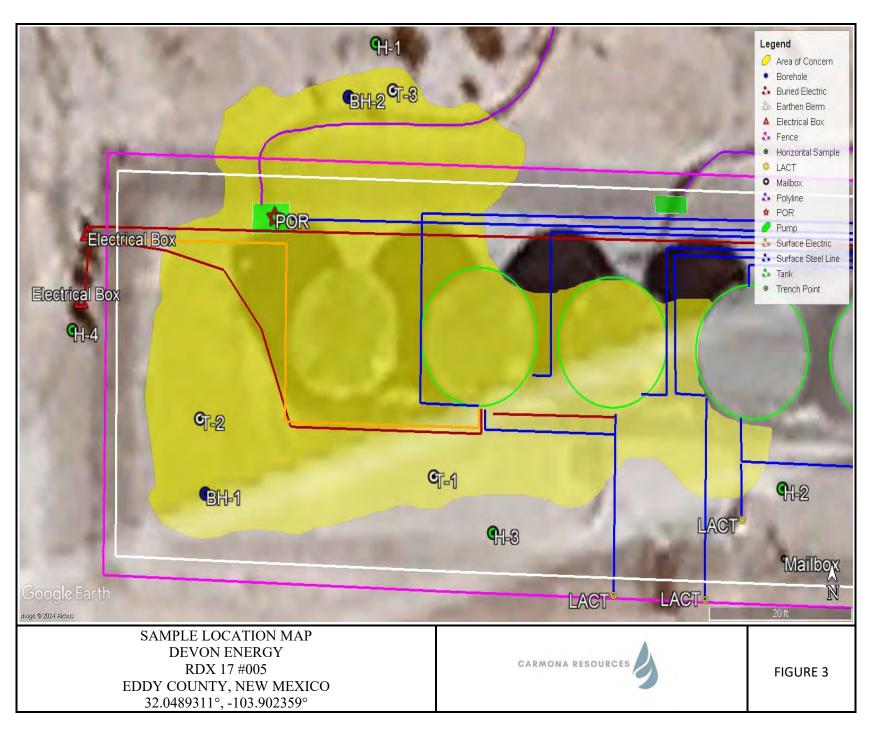
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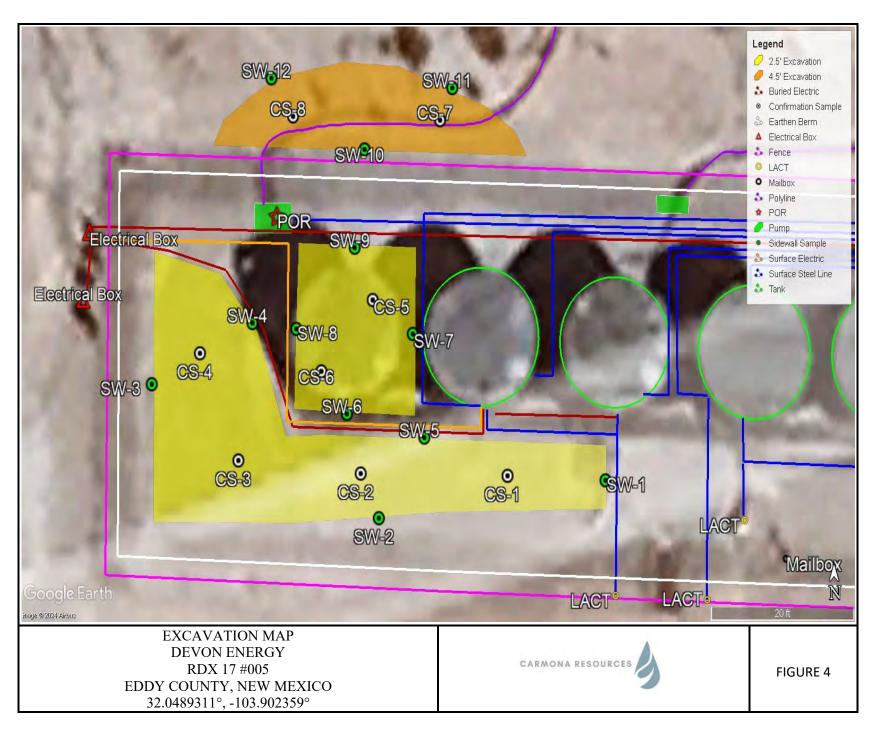
FIGURES

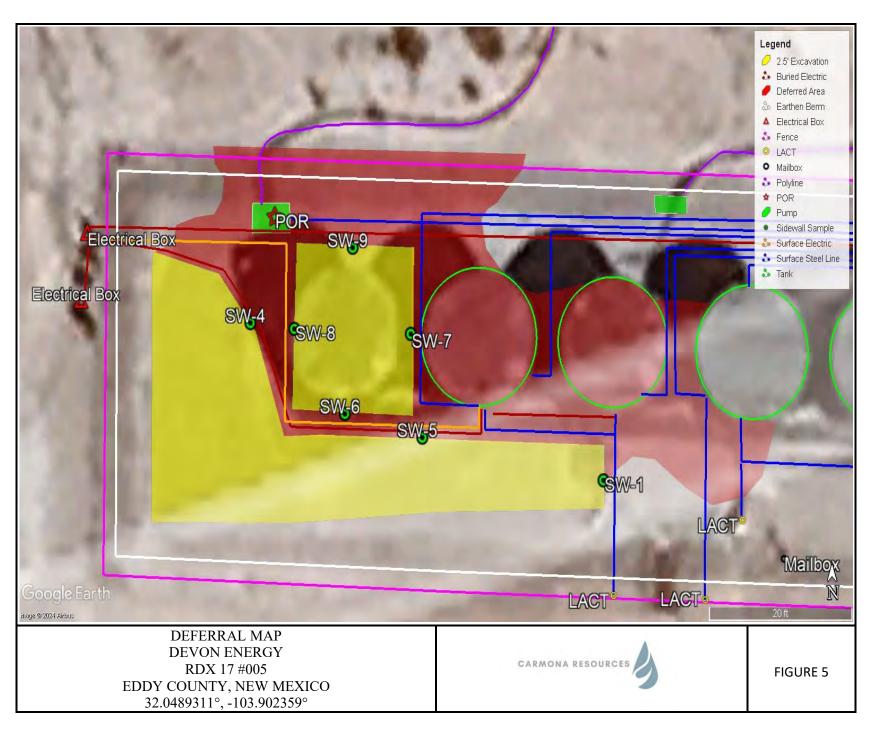
CARMONA RESOURCES

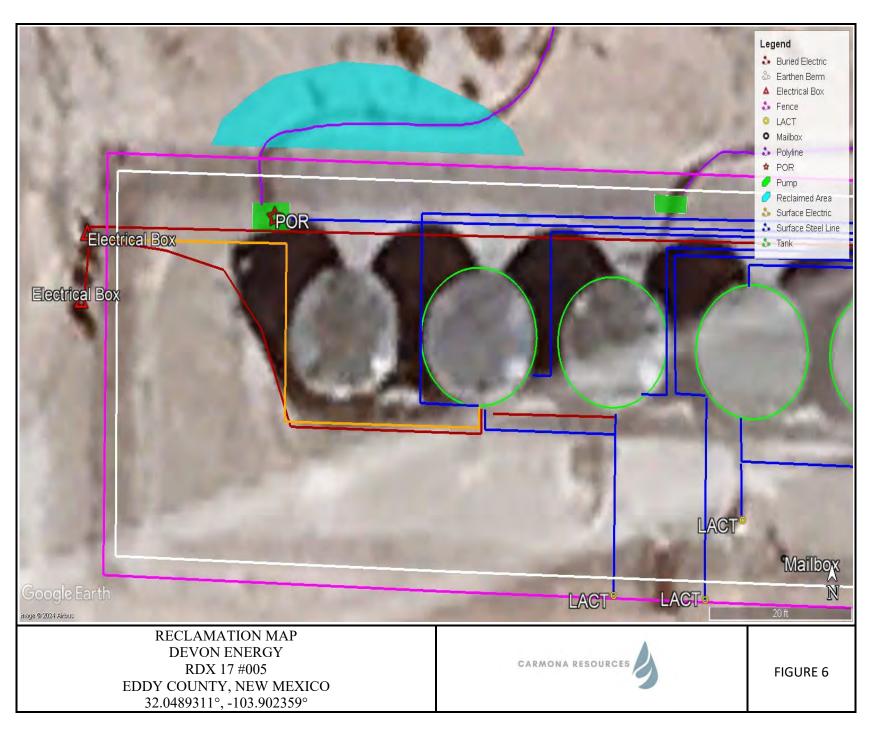












APPENDIX A

CARMONA RESOURCES

Table 1 **Devon Energy RDX 17-5 Eddy County, New Mexico**

01-10	Dette	D (1- /fr)		TPH (r	ng/kg)		Benzene	Toluene	Ethlybenzene	V-1 (/1)	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	Xylene (mg/kg)	(mg/kg)	(mg/kg)
						On Well Pad						
	3/21/2024	0-1.0	ND	313	173	486	ND	ND	ND	ND	ND	4,710
T-1	"	1.5	ND	126	104	230	ND	ND	ND	ND	ND	6,410
	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	9,360
					Ref	usal - Dense La	iyer					
	3/21/2024	0-1.0	ND	2,710	1,920	4,630	ND	ND	ND	ND	ND	18,400
	"	1.5	ND	2,290	1,700	3,990	ND	ND	ND	ND	ND	10,500
T-2	"	2.0	ND	52.1	ND	52.1	ND	ND	ND	ND	ND	10,200
	"	2.5	ND	52.6	ND	52.6	ND	ND	ND	ND	ND	10,600
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,130
					Ref	usal - Dense La	iyer					
						Well Pad - Pas						
	3/21/2024	0-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,950
	н	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,770
	п	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,170
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,070
T-3	"	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,610
1-3	"	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,140
	"	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,360
	"	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,590
	"	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,410
	н	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,730
			-	-	Refusal	- Equipment Lir	mitations		-			
Re	gulatory Criteri	ia ^A	1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) 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 17-5 Eddy County, New Mexico

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					(On Well Pad						
	4/29/2024	0-1.0	ND	4,740	2,650	7,390	ND	ND	ND	ND	ND	39,000
	"	2.0	ND	1,130	627	1,757	ND	ND	ND	ND	ND	5,800
	II .	3.0	ND	121	60.3	181.3	ND	ND	ND	ND	ND	5,450
	ш	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,520
	"	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,720
	"	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700
	II II	7.0	ND	28.4	ND	28.4	ND	ND	ND	ND	ND	4,930
	"	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,480
BH-1	"	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,340
Bii-i	"	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,510
	"	11.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,240
	"	12.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,900
	"	13.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,540
	"	14.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,180
	"	15.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,570
	"	20.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,060
	"	25.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,070
	II II	30.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.9
						/ell Pad - Pastu			1	ı		
	4/29/2024	0-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	9,210
	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,810
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,180
	"	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,130
	"	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,430
	"	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,850
BH-2	"	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,180
	"	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,270
	"	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,730
	"	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,240
	"	11.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	688
	II .	12.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	722
	II II	13.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	561
	tory Criteria A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

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

Removed

Table 1 Devon Energy RDX 17-5 Eddy County, New Mexico

0 1 10		D (1 (6)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
H-1	4/29/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	302
H-2	4/29/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	314
H-3	4/29/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-4	4/29/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulato	ry Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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

Received by OCD: 7/9/2024 8:18:20 AM Page 17 of 255

Table 2
Devon Energy
RDX 17 #005 (03.03.2024)
Eddy County, New Mexico

Sample ID	Date	Donth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample 10	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	6/12/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	120
CS-2	6/12/2024	2.5'	ND	224	136	360	ND	ND	ND	ND	ND	1,010
CS-3	6/12/2024	2.5'	ND	128	80.3	208	ND	ND	ND	ND	ND	3,980
CS-4	6/12/2024	2.5'	ND	154	87.5	242	ND	ND	ND	ND	ND	4,150
CS-5	6/12/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-6	6/12/2024	2.5'	ND	94.8	73.3	168	ND	ND	ND	ND	ND	804
CS-7	6/12/2024	4.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	761
CS-8	6/12/2024	4.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-1	6/12/2024	2.5'	ND	75.7	58.8	135	ND	ND	ND	ND	ND	5,430
SW-2	6/12/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.2
SW-3	6/12/2024	2.5'	ND	28.8	ND	28.8	ND	ND	ND	ND	ND	25.8
SW-4	6/12/2024	2.5'	ND	109	75.4	184	ND	ND	ND	ND	ND	3,330
SW-5	6/12/2024	2.5'	ND	185	142	327	ND	ND	ND	ND	ND	1,660
SW-6	6/12/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	660
SW-7	6/12/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	753
SW-8	6/12/2024	2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	700
SW-9	6/12/2024	2.5'	ND	202	ND	202	ND	ND	ND	ND	ND	2,760
SW-10	6/12/2024	4.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.7
SW-11	6/12/2024	4.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.7
SW-12	6/12/2024	4.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.8
R360 SP Sample #1	6/10/2024	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	444
R360 SP Sample #2	6/10/2024	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	448
Onsurez Pit	6/24/2024	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	94
	ry Criteria ^A Analvzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (CS) - Confirmation Sample (SW) - Sidewall Sample (SP) - Stockpile

Deferred

APPENDIX B

CARMONA RESOURCES

Devon Energy

Photograph No. 1

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View West, area of CS-1 and CS-2.



Photograph No. 2

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-1 and CS-2.



Photograph No. 3

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View West, area of CS-3 and CS-4.





Devon Energy

Photograph No. 4

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View West, area of CS-3 through CS-6.



Photograph No. 5

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View North, area of CS-5 and CS-6.



Photograph No. 6

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-5 and CS-6.





Devon Energy

Photograph No. 7

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-5 and CS-6.



Photograph No. 8

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View West, area of CS-7 and CS-8.



Photograph No. 9

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View South, area of CS-7 and CS-8.





Devon Energy

Photograph No. 10

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

Picture of hand broadcaster.



Photograph No. 11

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View Northeast of reseeding.



Photograph No. 12

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View West of reseeding.





Devon Energy

Photograph No. 13

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View Northeast of raking seed.



Photograph No. 14

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View Northeast of raking seed.



Photograph No. 15

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View East of reclaimed area.





Devon Energy

Photograph No. 16

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View West of reclaimed area.



Photograph No. 17

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View Southwest, R360 caliche stockpile.



Photograph No. 18

Facility: RDX 17 #005

County: Eddy County, New Mexico

Description:

View Northeast, Onsurez topsoil stockpile.





APPENDIX C

CARMONA RESOURCES

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

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

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

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

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

QUESTIONS

Action 320122

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	320122
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RDX 17 #005
Date Release Discovered	03/03/2024
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

Material(s) released, please answer all that apply below. Any calculations or specific justifications to	or 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: Equipment Failure Pump Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 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.

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 2

Action 320122

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Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	320122
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

supplied volumes this does not appear to be a "gas only" report.
ubmitted on the C-129 form.

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

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

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

ACKNOWLEDGMENTS

Action 320122

ACKNOWLEDGMENTS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	320122
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
✓	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.
\overline{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.
$\overline{\lor}$	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

Action 320122

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	320122
	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.	3/5/2024

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

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

QUESTIONS

Action 336982

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	336982
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2406528831
Incident Name	NAPP2406528831 RDX 17 #005 @ 30-015-37780
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-37780] RDX 17 #005

Location of Release Source	
Site Name	RDX 17 #005
Date Release Discovered	03/03/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	3,100	
What is the estimated number of samples that will be gathered	62	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992	
Please provide any information necessary for navigation to sampling site	32.0489311°, -103.902359°	

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

CONDITIONS

Action 336982

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	336982
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
Ву		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.	4/24/2024

From: <u>Miranda Milwee</u>
To: <u>Wells, Shelly, EMNRD</u>

Cc: jim.raley@dvn.com; Mike Carmona; Conner Moehring; Devin Dominguez; Bratcher, Michael, EMNRD

Subject: RE: [EXTERNAL] Devon - RDX 17 #5 Sampling Notification

Date: Tuesday, April 23, 2024 4:53:46 PM

Attachments: <u>image001.png</u>

Good afternoon Ms. Wells,

Thank you for that information, the client will be submitting the notification via the NMOCD portal as well. We sent the notification via email per the client's request.

Please feel free to reach out if you have any questions.

Thank you,

Miranda Milwee 310 West Wall Street, Suite 500 Midland TX, 79701 M: 432-813-9652

MilweeM@carmonaresources.com



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Tuesday, April 23, 2024 3:48 PM

To: Miranda Milwee < Milwee M@carmonaresources.com >

Cc: jim.raley@dvn.com; Mike Carmona <Mcarmona@carmonaresources.com>; Conner Moehring <Cmoehring@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Devon - RDX 17 #5 Sampling Notification

Good afternoon Miranda,

Beginning December 1, 2023, the OCD introduced new procedures for submitting both liner inspection and confirmation sampling notifications. The below notification needs to be submitted this way. Please refer to page 67 of the attached Public Notice document for submittal procedures. It will walk you through the process. Should you have any questions you may reach out to me.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520|Shelly.Wells@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/

From: Miranda Milwee < Milwee M@carmonaresources.com >

Sent: Tuesday, April 23, 2024 3:44 PM

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

Cc: <u>jim.raley@dvn.com</u>; Mike Carmona < <u>Mcarmona@carmonaresources.com</u>>; Conner Moehring < <u>Cmoehring@carmonaresources.com</u>>; Devin Dominguez < <u>Ddominguez@carmonaresources.com</u>>

Subject: [EXTERNAL] Devon - RDX 17 #5 Sampling Notification

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

All,

This email serves as a notification for vertical drilling delineation sampling at the site referenced below:

Devon – RDX – 17 #5 Eddy County, New Mexico

Sampling Day – Monday – 04/29/2024 Time – 9:00 AM Mountain Time Square Feet ~ 3,100

The approximate total number of samples is \sim 62 (subject to change based on field screenings)

Sampler Information: Mike Carmona (432) 813-1992

GPS Coordinates: 32.0489311°, -103.902359°

Incident Number: NAPP2406528831

Please feel free to call me if you need any more information.

Thank you,

Miranda Milwee 310 West Wall Street, Suite 500 Midland TX, 79701 M: 432-813-9652

Released to Imaging: 7/22/2024 11:50:10 AM

MilweeM@carmonaresources.com



From: <u>Hamlet, Robert, EMNRD</u>

To: Raley, Jim

Cc: Miranda Milwee; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD

Subject: WPX Energy - RDX 17-5 Extension Request - nAPP2406528831

Date: Tuesday, May 21, 2024 8:56:16 AM

Attachments: <u>image003.png</u>

RE: Incident #NAPP2406528831

Jim,

Your request for a 90 day extension to August 19th, 2024 is approved. Please include this email correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, May 20, 2024 3:38 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] WPX Energy - RDX 17-5 Extension Request - nAPP2406528831

From: Raley, Jim < <u>Jim.Raley@dvn.com</u>>
Sent: Monday, May 20, 2024 3:13 PM

To: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov > **Cc:** Miranda Milwee < MilweeM@carmonaresources.com >

Subject: [EXTERNAL] WPX Energy - RDX 17-5 Extension Request - nAPP2406528831

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

NMOCD District II,

WPX Energy respectfully asks for a 90 day extension on incident nAPP2406528831. This was a 6 bbl

produced water spill that occurred inside of unlined secondary containment on 3/3/2024. Due to issues with vertical delineation and the need to hand dig inside of containment we have been delayed on finishing. Given additional time we plan on completing the remediation on this project.

Please let me know if you need additional information.

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220 C: (575)689-7597 | jim.raley@dvn.com



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

From: <u>Miranda Milwee</u>

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

Cc: Mike Carmona; Conner Moehring; Devin Dominguez; Clint Merritt; Ashton Thielke; jim.raley@dvn.com

Subject: Devon - RDX 17 #5 - Sampling Notification

Date: Thursday, June 6, 2024 4:16:00 PM

Attachments: <u>image001.png</u>

All,

This email serves as a notification for confirmation sampling at the site referenced below. The notification will be submitted through the NMOCD portal as well.

Devon Energy - RDX 17 #5

Incident Number: NAPP2406528831

Eddy County, New Mexico

Sampling Day - Wednesday, 06/12/2024

Time – 9:00 AM Mountain Time

Square Feet - 2,040

Sampler Information – Miranda Milwee 432-813-9652

GPS Coordinates - 32.0489311, -103.902359

Driving Directions – From the intersection of Orla Rd and Hwy 128 trvl S on Orla Rd for 10.44 mi. Turn R onto Pipeline Rd and trvl W for 12.9 mi. Turn L on Unnamed Lease Rd and trvl S for 1.10 mi. Turn R onto Unnamed Lease Rd and trvl W for 0.42 mi. Arrive at location.

Please feel free to reach out if you have any questions or need any additional information.

Thank you,

Miranda Milwee 310 West Wall Street, Suite 500 Midland TX, 79701

M: 432-813-9652

MilweeM@carmonaresources.com



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

QUESTIONS

Action 351931

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	351931
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2406528831
Incident Name	NAPP2406528831 RDX 17 #005 @ 30-015-37780
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-37780] RDX 17 #005

Location of Release Source	
Site Name	RDX 17 #005
Date Release Discovered	03/03/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,040
What is the estimated number of samples that will be gathered	26
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/12/2024
Time sampling will commence	09:00 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 Orla Rd and Hwy 128 trvl S on Orla Rd for 10.44 mi. Turn R onto Pipeline Rd and trvl W for 12.9 mi. Turn L on Unnamed Lease Rd and trvl S for 1.10 mi. Turn R onto Unnamed Lease Rd and trvl W for 0.42 mi. Arrive at location.

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

CONDITIONS

Action 351931

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	351931
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
Ву		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.	6/7/2024

Page 40 of 255

Incident ID		
District RP		
Facility ID		
Application ID		

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation point ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29. ☐ Proposed schedule for remediation (note if remediation plan times)	ts 12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name:	
Signature: A Ry	Date:7/9/2024
email:	Telephone:
OCD Only	
Received by:	Date:
Approved	Approval
Signature:	Date:

Received by OCD: 7/9/2024 8:18:20 AM Form C-141 State of New Mexico Page 6 Oil Conservation Division

	Page 41 of 255
Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following i	iems 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 ODG	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 should their operations have failed to adequately investigate and replace human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13 NMAC includi	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name:	
Signature:	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

CARMONA RESOURCES







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

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

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

closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

	POD	,								,	`	,	
POD Number	Sub- Code basin	County		Q (-	Tws	Rna	х	Υ	Distance	-	-	Water Column
C 04068 POD1	CUB	ED					30E	604397		877	VVCII	Water	Column
C 01361	CUB	ED	3	4 3	3 05	26S	30E	603240	3548157 🌍	1778	775	184	591
<u>C 01360</u>	CUB	ED	4	3 3	3 05	26S	30E	602997	3548152 🌑	1840	770	173	597
<u>C 03483</u>	С	ED	4	4 4	1 05	26S	30E	604296	3548251 🌍	1954	700	200	500
C 03581 POD1	CUB	ED	4	4 4	1 05	26S	30E	604298	3548291 🌑	1993	800	320	480
C 04655 POD1	CUB	ED	1	2 2	2 16	26S	30E	605726	3546472 🌑	2111			
C 04629 POD1	CUB	ED	4	3 4	1 21	26S	30E	605381	3543462 🌑	3443			
C 04720 POD6	CUB	ED	4	1 3	3 12	26S	29E	599858	3546880 🌑	3786	31		
C 04755 POD2	CUB	ED	4	1 3	3 12	26S	29E	599857	3546955 🌑	3797	25		
C 04720 POD5	CUB	ED	4	1 3	3 12	26S	29E	599840	3546920 🌑	3809	20		
C 04720 POD2	CUB	ED	4	1 3	3 12	26S	29E	599836	3546932 🌕	3814			
C 04720 POD3	CUB	ED	4	1 3	3 12	26S	29E	599836	3546932 🌑	3814			
C 04720 POD4	CUB	ED	4	1 3	3 12	26S	29E	599812	3546955 🌕	3841			
C 04720 POD1	CUB	ED	4	1 3	3 12	26S	29E	599807	3546968 🌕	3848			
C 04755 POD1	CUB	ED	4	1 3	3 12	26S	29E	599787	3546971 🌑	3868	40		
C 04755 POD3	CUB	ED	4	1 3	3 12	26S	29E	599748	3546862 🌑	3893	103		

Average Depth to Water: 219 feet

> Minimum Depth: 173 feet

Maximum Depth: 320 feet

Record Count: 16

UTMNAD83 Radius Search (in meters):

Radius: 4000 Easting (X): 603616 Northing (Y): 3546419

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.

			2547	9/2024		ETRA						LOG OF BORING BH-1	Page 46 Page 1 of 1	
roje	ct N	lame	: Me	lson ZS	Fed	eral #	#002	Н					<u> </u>	
orel	hole	Loca	ation:	GPS Coor	dinate	s: 32.0	50930,	-103.8	99006			Surface Elevation (ft. MSL): 3074.1		
Borel	hole	Nun	nber:	BH-1						B	Boreho	ole ter (in.): 6 Date Started: 9/7/2021 Date Complete	ed: 9/7/2021	
<u>s</u> 9		(2)	(0)	(1)	NG (ppm)	ERY (%)	ENT (%)	f)		DEX			WATER LEVEL OBSERVATIONS While Drilling	<u>56</u> ft
DEPIH (II)	OPERATION TYPES	SAMPLE	ad PID SCREENING	ExStik SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	F LIQUID LIMIT	고 PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION (£)	REMARKS	
0			6.6 1.5 215 355 289 52.2 65	>10,000 >10,000 >10,000 >10,000 8,560 9,750 4,750								-SPG- CALICHE/SAND: Tan, Dense, Dry	See Laboratory Results Table	
amp	oler s:		Split Spoor Shelb Bulk Samp Grab Samp	y 🚺 \				Operary ypes:	Muc Rota	ary tinuou ht Aug sh	s er	Auger Air Rotary Core Barrel Drive Casing Notes: Bottom of borehole at 56.0 feet. Surface elevation is an estimated value based or Earth data. Temporary Well Set. Water Measured at 32 ft. wind NAPL.	_	





2017 107 117 127 137 1: SQ

N O	OSE POD NU	•	LL NUMBER)					OSE FILE NUM C-4068	MBER(S)		
CAT	WELL OWNER NAME(S) RKI Exploration and Production, LLC					PHONE (OPT)	ONAL)				
GENERAL AND WELL LOCATION	WELL OWN	ER MAILING					· · · · · · · · · · · · · · · · · · ·	CITY Tulsa		STATE OK 74172	ZIP
N GP	WELL			GREES	MINUTES	SECON	IDS				
VI. A	LOCATIO	N LAT	TITUDE	32	2	43.	95 _N		REQUIRED: ONE TEN	TH OF A SECOND	
NER	(FROM GP	LO	NGITUDE	103	53	39.:			QUIRED: WGS 84		
1. GE			ection 16, Township				ARKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABILE	
	LICENSE NU	MBER	NAME OF LICENSED	DRILLER					NAME OF WELL DRI	ILLING COMPANY	
	124				ie D. Atkin					ineering Associate	
	DRILLING ST 5/11/2		5/12/2017	DEPTH OF COMPLI	ETED WELL (1 n/a	FT)		LE DEPTH (FT) 125	DEPTH WATER FIRS	st encountered (ne encountered	₹T)
	571172		3.12.2011						STATIC WATER LEV		WELL (FT)
Z	COMPLETED	WELL IS:	ARTESIAN	ORY HOLE	SHALLO	OW (UNCO	NFINED)			n/a)
ATIC	DRILLING FI	LUID:	✓ AIR	MUD	ADDITI	VES – SPEC	IFY:			Prince Calago	1 33
ORM	DRILLING M	IETHOD:	ROTARY	HAMMER CABLE TOOL OTHER			R – SPECIFY:	hollow stem	auger with air r	otary	
& CASING INFORMATION	DEPTH FROM	(feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CONN	ASING NECTION YPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SIZE (inches)	
k CA	0	125	±6.625		n/a	')		n/a	n/a	n/a	n/a
NG 6		•							1	in in	Company (Company)
2. DRILLING			-		***************************************					2. 10.	
2. DF											
		-									
	DEPTH	(feet bgl)	BORE HOLE	LIST A	NNÚLAR S	EAL MA	TERIAL A	ND	AMOUNT	METH	HOD OF
IAL	FROM	TO	DIAM. (inches)	GRAVEL	PACK SIZE	E-RANGE	BY INTE	RVAL	(cubic feet)	PLAC	EMENT
TER	n/a	n/a	n/a			n/a			n/a	1	n/a
ANNULAR MATERIAL									<u> </u>		
ULAI											*********
ANN											
3.,			_								
	005		<u>'</u>	<u> </u>					NEL	1.000	20045
	OSE INTER	NAL USE	KNUD		POD N	UMBER	1		WELL RECORD &	COG (Version 10)	7
	ATION	2/0	5.30E	10.1	·3·1				EXP	· · · · · · · · · · · · · · · · · · ·	GE 1 OF 2

	DEPTH (I	feet bgi) TO	125	WATER BEARING? (YES / NO)	YIEI WA BEA	MATED D FOR TER- ARING ES (gpm)		
	0	5	5	white caliche small gravel		Y V		(8)
	5	20	15	light brown fine sand with small gravel		Y V		
	20	40	20	tan sand, medium gravel, sandstone		Y ✓N		
	40	50	10	white tannish sand/sandstone		Y ✓N		
	50	90	40	tannish very fine sandstone		Y ✓N		
_	90	110	20	fine reddish tan sandstone		Y ✓ N		
4. HYDROGEOLOGIC LOG OF WELL	110	125	15	fine reddish sandstone with small layers of reddish clay		Y ✓ N		
OF.						Y N	77. /	
507						Y N		
SIC.]						Y N		
COC						Y N		
GEC						Y N		
DRO						Y N		
HX	<u> </u>					Y N	17 × 3 17 5 5	
4.	,,,,,					Y N	11.5	(N. 12) 2- (3-12)
						Y N	1 - 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	2.77
						Y N	1, 200 h K	
						Y N		
						Y N		73 A
						Y N	9 mgce#1 + 5	garin stary Just de 191 Hara de 1
					· L	Y N	00	
				OF WATER-BEARING STRATA:	ł	ESTIMATED (IELD (gpm)		00
	PUMF	' <u> </u>	IR LIFT	BAILER OTHER - SPECIFY:	WELL	iero (gpii)	. U.	.00
ISION	WELL TEST			ACH A COPY OF DATA COLLECTED DURING WELL TESTING, IN TE, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OV				Э,
TEST; RIG SUPERVIS	MISCELLAI	VEOUS INF	Во	g adapted from Souder Miller & Associates oversight. Boring to ring advanced with combination of air rotary and hollow stem auring not converted to well. Boring abandoned see plugging record	ger tooling.	oresence/abs . No water e	ence of wencountere	ater.
res	PRINT NAM	E(S) OF DI	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CO	NSTRUCTIO	ON OTHER 1	THAN LIC	ENSEE:
vá	Guadalupe "	Lupe" Ley	ba, Shane Eldrid	ge	·····			
SIGNATURE	CORRECT R	ECORD O	F THE ABOVE DI	ES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL DAYS AFTER COMPLETION OF WELL DRILLING:				
6. SIGN		5anh	. J. he	Jackie D. Atkins		5/17/2017		_
		SIGNATI	JRE OF DRILLE	R / PRINT SIGNEE NAME		DATE		
FOR	OSE INTERN	IAL USE		WR-20 WI	ELL RECOR	D & LOG (V	ersion 10/2	9/2015)
	NUMBER	-c	-4067	POD NUMBER TRN NUM		000	777	
LOC	ATION	\sim	S.30Ē	E-110-103-1	EXP	/	FAGE	2 OF 2

Tom Blaine, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr:

606777

File Nbr:

C 04068

Well File Mbr: C 04068 POD1

Jun. 12, 2017

JUSTIN BARMORE RKI EXPLORATION AND PRODUCTION LLC 3500 ONE WILLIAMS CENTER MD 35 TULSA, OK 74172

Greetings:

The above numbered permit was issued in your name on 05/08/2017.

The Well Record was received in this office on 05/17/2017, stating that it had been completed on 05/12/2017, and was a dry well. The well is to be plugged or capped or otherwise maintained in a manner satisfactory to the State Engineer.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/15/2018.

If you have any questions, please feel free to contact us.

Sincerely,

(575) 622 - 6521

drywell

NFHL

Water Lines

Cross-Sections

Water Areas

Flood Hazard Boundaries

SFHA / Flood Zone

Flowage Easement

1% Annual Chance Flood Hazard

Regulatory Floodway Special Floodway

Undetermined Flood

0.2% Annual Chance

Future Conditions 1% Annual Chance Flood

Area with Reduced

Risk Due to Levee

Limit LinesNP

Boundary

Boundary
Flood Hazard Zones

Area of

Hazard

Hazard

Flood Hazard

FEMA National Flood Hazard Layer (NFHL)

Zone A esri

FEMA flood layer

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

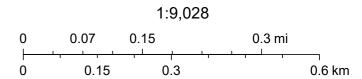
600ft

RDX 17 #005 (03.03.2024)



3/10/2024, 11:31:55 AM

OSE Streams



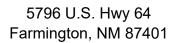
Esri, HERE, Garmin, iPC, Maxar, NM OSE

APPENDIX E

CARMONA RESOURCES

Report to:
Mike Carmona





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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: RDX 17 -5

Work Order: E403262

Job Number: 01058-0007

Received: 3/28/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/3/24

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: 4/3/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E403262

Date Received: 3/28/2024 5:30:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2024 5:30:00AM, under the Project Name: RDX 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

Michelle Golzales

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
T -1 (0-1.0')	5
T -1 (1.5')	6
T -1 (2.0')	7
T -2 (0-1.0')	8
T -2 (1.5')	9
T -2 (2.0')	10
T -2 (2.5')	11
T -2 (3.0')	12
T -3 (0-1.0')	13
T -3 (1.5')	14
QC Summary Data	15
QC - Volatile Organics by EPA 8021B	15
QC - Nonhalogenated Organics by EPA 8015D - GRO	16
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	17
QC - Anions by EPA 300.0/9056A	18
Definitions and Notes	19
Chain of Custody etc	20

Sample Summary

Carmona Resources	Project Name:	RDX 17 -5	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	Keporteu:
Midland TX, 79701	Project Manager:	Mike Carmona	04/03/24 12:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
T -1 (0-1.0')	E403262-01A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -1 (1.5')	E403262-02A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -1 (2.0')	E403262-03A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -2 (0-1.0')	E403262-04A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -2 (1.5')	E403262-05A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -2 (2.0')	E403262-06A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -2 (2.5')	E403262-07A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -2 (3.0')	E403262-08A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (0-1.0')	E403262-09A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (1.5')	E403262-10A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -1 (0-1.0') E403262-01

		E403262-01				
	D. Iv	Reporting Limit	Dilutior	D 1		N
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
oluene	ND	0.0250	1	03/28/24	03/30/24	
-Xylene	ND	0.0250	1	03/28/24	03/30/24	
,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	03/28/24	03/30/24	
Sonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414003
viesel Range Organics (C10-C28)	313	50.0	2	04/01/24	04/02/24	
Dil Range Organics (C28-C36)	173	100	2	04/01/24	04/02/24	
urrogate: n-Nonane		61.8 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2413102
Chloride	4710	40.0	2	03/28/24	03/28/24	

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -1 (1.5') E403262-02

		E403202-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Maryo	Result	Liiiit	Dilution	Trepared	7 thary zed	rotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414003
Diesel Range Organics (C10-C28)	126	50.0	2	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	104	100	2	04/01/24	04/02/24	
Surrogate: n-Nonane		66.1 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2413102
Chloride	6410	100	5	03/28/24	03/28/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -1 (2.0') E403262-03

		E-103202-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414003
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		65.6 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413102
Chloride	9360	200	10	03/28/24	03/28/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -2 (0-1.0')

		E403262-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2414003
Diesel Range Organics (C10-C28)	2710	500	20	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	1920	1000	20	04/01/24	04/02/24	
Surrogate: n-Nonane		71.3 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2413102
Chloride	18400	400	20	03/28/24	03/28/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -2 (1.5') E403262-05

		2.00202 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
oluene	ND	0.0250	1	03/28/24	03/30/24	
-Xylene	ND	0.0250	1	03/28/24	03/30/24	
,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
iurrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2414003
Diesel Range Organics (C10-C28)	2290	500	20	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	1700	1000	20	04/01/24	04/02/24	
urrogate: n-Nonane		63.3 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2413102
Chloride	10500	200	10	03/28/24	03/28/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -2 (2.0') E403262-06

		E403202-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414003
Diesel Range Organics (C10-C28)	52.1	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		71.3 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413102
Chloride	10200	200	10	03/28/24	03/28/24	·



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -2 (2.5') E403262-07

		E403202-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
o,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2414003
Diesel Range Organics (C10-C28)	52.6	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		68.1 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2413102
Chloride	10600	200	10	03/28/24	03/28/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -2 (3.0') E403262-08

		E403202-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414003
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		72.8 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413102
Chloride	7130	100	5	03/28/24	03/28/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -3 (0-1.0') E403262-09

		£403202-09				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tillalyee	resur	Emit	Bilation	Trepured	7 Hary Zea	110005
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414003
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		68.1 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2413102
Chloride	1950	40.0	2	03/28/24	03/28/24	

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/3/2024 12:08:41PM

T -3 (1.5') E403262-10

Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2413094
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0500	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
	95.8 %	70-130	03/28/24	03/30/24	
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2413094
ND	20.0	1	03/28/24	03/30/24	
	95.9 %	70-130	03/28/24	03/30/24	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414003
ND	25.0	1	04/01/24	04/02/24	
ND	50.0	1	04/01/24	04/02/24	
	69.3 %	50-200	04/01/24	04/02/24	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2413102
2770	40.0	2	03/28/24	03/28/24	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 25.0 MD 25.0 ND 50.0 69.3 % mg/kg mg/kg mg/kg	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Ana ND 20.0 1 95.9 % 70-130 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 69.3 % 50-200 mg/kg mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: EG ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0500 1 03/28/24 ND 0.0250 1 03/28/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/28/24 mg/kg mg/kg Analyst: KM ND 25.9 % 70-130 03/28/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/01/24 ND 50.0 1 04/01/24 MD 50.0 0 04/01/24 mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: EG ND 0.0250 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 ND 0.0500 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/28/24 03/30/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/28/24 03/30/24 mg/kg mg/kg Analyst: KM ND 25.9 70-130 03/28/24 03/30/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/01/24 04/02/24 ND 50.0 1 04/01/24

QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 4/3/2024 12:08:41PM **Volatile Organics by EPA 8021B** Analyst: EG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2413094-BLK1) Prepared: 03/28/24 Analyzed: 03/29/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.63 8.00 95.4 70-130 LCS (2413094-BS1) Prepared: 03/28/24 Analyzed: 03/30/24 4.99 99.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.00 0.0250 5.00 100 70-130 5.00 0.0250 5.00 100 70-130 Toluene o-Xylene 4.97 0.0250 5.00 99.4 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 100 70-130 15.0 15.0 Total Xylenes 0.0250 8.00 94.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.52 Matrix Spike (2413094-MS1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24 4.95 0.0250 5.00 ND 99.1 54-133 Benzene ND 99.4 61-133 Ethylbenzene 4.97 0.0250 5.00 Toluene 4.97 0.0250 5.00 ND 99.3 61-130 4.93 ND 98.7 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.99 0.0500 10.0 ND 99.9 63-131 14.9 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.66 8.00 Matrix Spike Dup (2413094-MSD1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24 5.13 0.0250 5.00 ND 54-133 3.49 ND 61-133 3.43 5.14 0.0250 5.00 103 20 Ethylbenzene 61-130 Toluene 5.14 0.0250 5.00 ND 103 3 43 20 5.10 5.00 ND 102 63-131 3.32 20 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

103

103

96.0

63-131

63-131

70-130

3.50

3.44

20

20



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.3

15.4

7.68

Matrix Spike Dup (2413094-MSD2)

49.2

7.71

20.0

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 - 5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 4/3/2024 12:08:41PM

Midland TX, 79701		Project Manager	r: Mi	ike Carmona				4	/3/2024 12:08:41PN
	Non	Analyst: EG							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2413094-BLK1)							Prepared: 0	3/28/24 Ana	alyzed: 03/29/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS (2413094-BS2)							Prepared: 0	3/28/24 Ana	alyzed: 03/30/24
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			
Matrix Spike (2413094-MS2)				Source:	E403261-	03	Prepared: 0	3/28/24 Ana	alyzed: 03/30/24
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

50.0

8.00

Source: E403261-03

98.3

96.4

ND

Prepared: 03/28/24 Analyzed: 03/30/24

20

0.284

70-130

70-130

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 - 5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 4/3/2024 12:08:41PM

Midiand 1A, 79701		4/3/2024 12:00:41FWI							
	Nonha	_	Analyst: KM						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414003-BLK1)							Prepared: 0	4/01/24 Ana	lyzed: 04/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.2		50.0		74.3	50-200			
LCS (2414003-BS1)							Prepared: 0	4/01/24 Ana	lyzed: 04/02/24
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
urrogate: n-Nonane	38.6		50.0		77.2	50-200			
Matrix Spike (2414003-MS1)				Source:	E403262-	04	Prepared: 0	4/01/24 Ana	lyzed: 04/02/24
Diesel Range Organics (C10-C28)	3090	500	250	2710	149	38-132			M4
Surrogate: n-Nonane	36.0		50.0		72.1	50-200			
Matrix Spike Dup (2414003-MSD1)				Source:	E403262-	04	Prepared: 0	4/01/24 Ana	lyzed: 04/02/24
Diesel Range Organics (C10-C28)	3010	500	250	2710	120	38-132	2.37	20	
Surrogate: n-Nonane	35.2		50.0		70.4	50-200			



Chloride

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: RDX 17 -5 Project Number: 01058-0007 Project Manager: Mike Carmona							Reported: 4/3/2024 12:08:41PM			
		Anions	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 (2413102-BLK1)					Prepared: 0	3/28/24 A	nalyzed: 03/28/24					
Chloride	ND	20.0										
LCS (2413102-BS1)							Prepared: 0	3/28/24 A	nalyzed: 03/28/24			
Chloride	250	20.0	250		100	90-110						
Matrix Spike (2413102-MS1)				Source:	E403261-	02	Prepared: 0	3/28/24 A	nalyzed: 03/28/24			
Chloride	1300	20.0	250	1070	90.9	80-120						
Matrix Spike Dup (2413102-MSD1)				Source:	E403261-	02	Prepared: 0	3/28/24 A	nalyzed: 03/28/24			

250

20.0

80-120

138

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 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	04/03/24 12:08

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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.



3/28-24 / 0530

Chain of Custody

Work Order No: £403262 Job#: 01058-0007

Project Manager:	Mike Carmo	na			Bill to: (if	different)		Jim R	aley						Work Order Comments								
Company Name:	Carmona Re	esources			Company	Company Name:			Devon Energy						Program: UST/PST PRP prownfields RC perfund								
Address:	310 W Wall	St Ste 500			Address:			5315 Buena Vista Dr						State of Project:									
City, State ZIP:	Midland, TX	79701			City, Stat	City, State ZIP: Carlsbad NM, 88220							Reporting:Level II Level III ST/UST RP Level							Level IV			
Phone:	(432) 813-19	992		Emai	il: jim.raley@dvn.com							Deliverables: EDD ADaPT											
Project Name:		RDX 17-5		Tur	n Around							ΔN	IALYSIS	REOU	FST				Pre	servative	Codes		
Project Number:		2297		☑ Routine	□ Rush								П		TAL TOIL	T	1	T			None: No		Nater: H ₂ O
Project Location	Edd	dy County, New	Mexico	Due Date:			Code												Cool: Co		MeOH: Me		
Sampler's Name:		MM					9	(Q										HCL: HC		INO ₃ : HN			
PO#;				1			ys.		BTEX 8021B TPH 8015M (GRO + DRO + MRO)								1	H ₂ S0 ₄ : H	2 N	IaOH: Na			
SAMPLE RECEI	PT 1	Temp Blank:	Yes No	Wet Ice:	(Yes)	No	Parameters	m		0.0								H ₃ PO ₄ : H	IP.				
Received Intact:	(Yes No	Thermometer ID);			ıram	BTEX 8021B	e 30								NaHSO ₄	NABIS					
Cooler Custody Seals	s: Ye		Correction Fact	or:			Pa		BTEX ISM (GR	Chloride 300.0									Na ₂ S ₂ O ₃	: NaSO ₃			
Sample Custody Sea	ls: Ye	s No (V/A)	Temperature Re	eading:	4			m		5							1 1		Zn Aceta	te+NaOH:	Zn		
otal Containers:		10	Corrected Temp	perature:					180								1 1		NaOH+Ascorbic Ac		id: SAPC		
Sample Iden	tification	Date		Soil	Water	Grab/ Comp	# of Cont		TP										Sa	mple Cor	nments		
T-1 (0-	1.0')	3/21/2024		Х		G	1	x	×	×													
T-1 (1	.5')	3/21/2024		X		G	1	x	×	x													
T-1 (2	.0')	3/21/2024		X		G	1	x	×	х				1		1							
T-2 (0-	1.0')	3/21/2024		X		G	1	х	×	×	7												
T-2 (1	.5')	3/21/2024		X		G	1	х	×	x													
T-2 (2	.0')	3/21/2024		X		G	1	x	х	x													
T-2 (2	.5')	3/21/2024		X		G	1	x	×	×													
T-2 (3	.0')	3/21/2024		X		G	1	x	×	x		17,1											
T-3 (0-	1.0')	3/21/2024		X		G	1	x	×	×													
T-3 (1	.5')	3/21/2024		X		G	1	х	×	×													
Comments: Email	I to Mike Car	rmona / Mcarm	ona@carmona	resources.co	m and Co	nner Mo	ehring	/ Cmo	ehrin	g@ca	monare	esourc	es.com										
Danie		Relinquished	by: (Signature)	4			312	Date/	alone of the		11	m	11	Receiv	ved by	: (Signat	ure)				te/Time		

3.27.24 2400

Printed: 3/28/2024 12:46:06PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

netructions:	Please take note of any NO checkmarks	

Client: Carmona Resources	Date Received:	03/28/24 05:3)		Work Order ID:	E403262
Phone: (432) 813-6823	Date Logged In:	03/27/24 16:4)		Logged In By:	Angelina Pineda
Email: mcarmona@carmonaresources.com	Due Date:	04/03/24 17:0	0 (4 day TAT)			
Chain of Custody (COC)						
. Does the sample ID match the COC?		Yes				
2. Does the number of samples per sampling site location mate	h the COC	Yes				
. Were samples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
. Was the COC complete, i.e., signatures, dates/times, request	cd analyses?	No				
 Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion 		Yes			Commen	its/Resolution
Sample Turn Around Time (TAT)		Yes		Time Samp	led was not	documented on
5. Did the COC indicate standard TAT, or Expedited TAT?		162		COC by cli		
Sample Cooler		Vaa			Ciit	
Was a sample cooler received?		Yes				
. If yes, was cooler received in good condition?		Yes		ł		
. Was the sample(s) received intact, i.e., not broken?		Yes				
10. Were custody/security seals present?		No				
1. If yes, were custody/security seals intact?		NA				
Was the sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling If no visible ice, record the temperature. Actual sample	received w/i 15	Yes <u>C</u>				
Sample Container						
4. Are aqueous VOC samples present?		No				
5. Are VOC samples collected in VOA Vials?		NA				
6. Is the head space less than 6-8 mm (pea sized or less)?		NA		Ì		
7. Was a trip blank (TB) included for VOC analyses?		NA		ł		
8. Are non-VOC samples collected in the correct containers?		Yes				
9. Is the appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Label						
20. Were field sample labels filled out with the minimum infor	mation:					
Sample ID?		Yes				
Date/Time Collected?		Yes		L		
Collectors name?		Yes				
Sample Preservation						
1. Does the COC or field labels indicate the samples were pre-	eserved?	No				
2. Are sample(s) correctly preserved?		NA				
4. Is lab filteration required and/or requested for dissolved me	etals?	No				
Multiphase Sample Matrix						
6. Does the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes, does the COC specify which phase(s) is to be analyzed	zed?	NA				
Subcontract Laboratory						
28. Are samples required to get sent to a subcontract laborator	v?	No				
29. Was a subcontract laboratory specified by the client and if			bcontract Lab	n: NA		
· ·		3u	Journaul Lat	1743		
Client Instruction						

Report to:
Mike Carmona



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 17 -5

Work Order: E403261

Job Number: 01058-0007

Received: 3/28/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/2/24

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: 4/2/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E403261

Date Received: 3/28/2024 5:30:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2024 5:30:00AM, under the Project Name: RDX 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
T -3 (2.0')	5
T -3 (3.0')	6
T -3 (4.0')	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Carmona Resources	Project Name:	RDX 17 -5	Denouted
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	04/02/24 09:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
T -3 (2.0')	E403261-01A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (3.0')	E403261-02A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (4.0')	E403261-03A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (5.0')	E403261-04A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (6.0')	E403261-05A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (7.0')	E403261-06A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (8.0')	E403261-07A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.
T -3 (9.0')	E403261-08A	Soil	03/21/24	03/28/24	Glass Jar, 2 oz.

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/2/2024 9:19:14AM

T -3 (2.0') E403261-01

		E403261-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
oluene	ND	0.0250	1	03/28/24	03/30/24	
-Xylene	ND	0.0250	1	03/28/24	03/30/24	
,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
urrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2413096
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/30/24	
Surrogate: n-Nonane		69.0 %	50-200	03/28/24	03/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2413102
Chloride	2170	20.0	1	03/28/24	03/28/24	

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/2/2024 9:19:14AM

T -3 (3.0') E403261-02

		E403201-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2413096
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/30/24	
Surrogate: n-Nonane		63.6 %	50-200	03/28/24	03/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2413102
Chloride	1070	20.0	1	03/28/24	03/28/24	

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/2/2024 9:19:14AM

T -3 (4.0') E403261-03

		1.405201 05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
p-Xylene	ND	0.0250	1	03/28/24	03/30/24	
o,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413096
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/30/24	
Surrogate: n-Nonane		67.9 %	50-200	03/28/24	03/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413102
Chloride	1610	20.0	1	03/28/24	03/28/24	



QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 4/2/2024 9:19:14AM **Volatile Organics by EPA 8021B** Analyst: EG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2413094-BLK1) Prepared: 03/28/24 Analyzed: 03/29/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.63 8.00 95.4 70-130 LCS (2413094-BS1) Prepared: 03/28/24 Analyzed: 03/30/24 4.99 99.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.00 0.0250 5.00 100 70-130 5.00 0.0250 5.00 100 70-130 Toluene o-Xylene 4.97 0.0250 5.00 99.4 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 100 70-130 15.0 15.0 Total Xylenes 0.0250 8.00 94.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.52 Matrix Spike (2413094-MS1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24 4.95 0.0250 5.00 ND 99.1 54-133 Benzene ND 99.4 61-133 Ethylbenzene 4.97 0.0250 5.00 Toluene 4.97 0.0250 5.00 ND 99.3 61-130 4.93 ND 98.7 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.99 0.0500 10.0 ND 99.9 63-131 14.9 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.66 8.00 Matrix Spike Dup (2413094-MSD1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24 5.13 0.0250 5.00 ND 54-133 3.49 20 ND 61-133 3.43 5.14 0.0250 5.00 103 20 Ethylbenzene 61-130 Toluene 5.14 0.0250 5.00 ND 103 3 43 20 5.10 5.00 ND 102 63-131 3.32 20 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

103

103

96.0

63-131

63-131

70-130

3.50

3.44

20

20



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.3

15.4

7.68

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 - 5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 4/2/2024
 9:19:14AM

Nonhalogenated Organics by EPA 8015D - GRO							Analyst: EG		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413094-BLK1)							Prepared: 0	3/28/24 Ana	lyzed: 03/29/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS (2413094-BS2)							Prepared: 0	3/28/24 Ana	lyzed: 03/30/24

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.7	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130	
Matrix Spike (2413094-MS2)				Source: E	403261-0	3	Prepared: 03/28/24 Analyzed: 03/30/24

Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
Matrix Spike Dup (2413094-MSD2)				Source:	E403261-0)3	Prepared: 03	3/28/24 Analyzed: 03/30/24	
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.3	70-130	0.284	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

Surrogate: n-Nonane

QC Summary Data

Carmona ResourcesProject Name:RDX 17 -5Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona4/2/2024 9:19:14AM

Wildiand 1A, 79701		rioject Manage	1. IVI	ike Carinona					#/2/2024 9.19.14AW
	Nonha	logenated Or	ganics by	EPA 80151) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413096-BLK1)							Prepared: 0	3/28/24 Ana	alyzed: 03/30/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.2		50.0		74.4	50-200			
LCS (2413096-BS1)							Prepared: 0	3/28/24 Ana	alyzed: 03/30/24
Diesel Range Organics (C10-C28)	239	25.0	250		95.6	38-132			
Surrogate: n-Nonane	35.1		50.0		70.2	50-200			
Matrix Spike (2413096-MS1)				Source:	E403245-	02	Prepared: 0	3/28/24 Ana	alyzed: 03/30/24
Diesel Range Organics (C10-C28)	1420	125	250	1260	63.4	38-132			
Surrogate: n-Nonane	31.1		50.0		62.2	50-200			
Matrix Spike Dup (2413096-MSD1)				Source:	E403245-	02	Prepared: 0	3/28/24 Ana	alyzed: 03/30/24
Diesel Range Organics (C10-C28)	1590	125	250	1260	132	38-132	11.5	20	

50.0

67.5

50-200

Chloride

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		DX 17 -5 1058-0007					Reported:
Midland TX, 79701		Project Manager	: N	like Carmona					4/2/2024 9:19:14AM
		Anions	by EPA	300.0/9056 <i>A</i>	\				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 (2413102-BLK1)							Prepared: 0	3/28/24 A	nalyzed: 03/28/24
Chloride	ND	20.0							
LCS (2413102-BS1)							Prepared: 0	3/28/24 A	nalyzed: 03/28/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2413102-MS1)				Source:	E403261-	02	Prepared: 0	3/28/24 A	nalyzed: 03/28/24
Chloride	1300	20.0	250	1070	90.9	80-120			
Matrix Spike Dup (2413102-MSD1)				Source:	E403261-	02	Prepared: 0	3/28/24 A	nalyzed: 03/28/24

250

20.0

138

80-120

8.59

1420

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 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	04/02/24 09:19

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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>E 403261</u> Job#: 01058-0007

Project Manager: Mike Company Name: Carn	e Carmona			Bill to: (if	different)	Bill to: (if different) Jim		aley									Work Order Comments							
	mona Resources			Company				n Ener	av					Pr	ogram:	UST/PS	ST PR	RP [rown	fields RC Sperfund				
Address: 310	W Wall St Ste 500			Address:					Vista D	r				State of Project:										
	land, TX 79701				City, State ZIP: Carlsbad NM, 88220				Reporting:Level II Level III ST/UST RRP Level IV															
	2) 813-1992		Ema	il: jim.raley		om	Touris	buu i i ii	II, OULL					Deliverables: EDD ADaPT Other:										
					(COUVII.C	OIII																		
Project Name:	RDX 17-5			Turn Around ANALYSIS REQUEST				_	1			Preservative Codes												
Project Number:	2297		☑ Routine	□ Rush		Code					\dashv		_			-				None: NO DI Water: H ₂ O				
Project Location	Eddy County, New	Mexico	Due Date:															Cool: Cool MeOH: Me						
Sampler's Name:	MM							+ MRO)										HCL: HC HNO ₃ : HN						
PO #:						ers		N + 0								1				H ₂ SO ₄ : H ₂ NaOH: Na				
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	218	DR	300.0											H₃PO₄: HP				
Received Intact:	(Yes)No	Thermometer ID				ara	08 X	RO.	ide							1			HOLD	NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes No MA	Correction Factor				-	BTEX 8021B	M (GRO + DRO									1 1		I	Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes No (N/A)	Temperature Re					-	0151	CI		TPH 8015M (GRO + DRO	D15N	5	1										Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temp	erature:		r -		1	8 Hc								1	1 1			NaOH+Ascorbic Acid: SAPC				
Sample Identifica	ation Date		Soil	Water	Grab/ Comp	# of Cont		F												Sample Comments				
T-3 (2.0')	3/21/2024		X		G	1	×	x	x															
T-3 (3.0')	3/21/2024		Х		G	1	×	x	x															
T-3 (4.0')	3/21/2024		X		G	1	×	x	X															
T-3 (5.0')	3/21/2024		X		G	1													x					
T-3 (6.0')	3/21/2024		Х		G	1													×					
T-3 (7.0')	3/21/2024		X		G	1													×					
T-3 (8.0')	3/21/2024		X		G	1				1 4									x					
T-3 (9.0')	3/21/2024		X		G	1													x					
				1																				
	Mike Carmona / Mcarm	1																						

Printed: 3/28/2024 12:19:02PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC) Instructions: Please take note of any NO checkmarks. If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested. E403261 Carmona Resources Date Received: 03/28/24 05:30 Work Order ID: Client: Logged in By: Angelina Pineda 03/27/24 16:34 Date Logged In: Phone: (432) 813-6823 04/03/24 17:00 (4 day TAT) Due Date: Email: mcarmona@carmonaresources.com Chain of Custody (COC) Yes 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped off by client or carrier? Ycs Carrier: Courier 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No 5. Were all samples received within holding time? Yes Note: Analysis, such as pH which should be conducted in the field, Comments/Resolution i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) See Analysis request on COC, Samples: 6. Did the COC indicate standard TAT, or Expedited TAT? Yes E-04, E-05, E-06, E-07, E-08 on HOLD. Sample Cooler 7. Was a sample cooler received? Yes Time Sampled was not documented on the 8. If yes, was cooler received in good condition? Yes COC by client 9. Was the 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 the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? Nο 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA **Client Instruction**

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

envirotech Inc.

Report to:
Mike Carmona



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 17 -5

Work Order: E403261

Job Number: 01058-0007

Received: 3/28/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/11/24

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: 4/11/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E403261

Date Received: 3/28/2024 5:30:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2024 5:30:00AM, under the Project Name: RDX 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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,

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
T -3 (2.0')	5
T -3 (3.0')	6
T -3 (4.0')	7
T -3 (5.0')	8
T -3 (6.0')	9
T -3 (7.0')	10
T -3 (8.0')	11
T -3 (9.0')	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	15
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	17
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	21
Chain of Custody etc.	22

Sample Summary

Carmona Resources	Project Name:	RDX 17 -5	Donoutoda
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	04/11/24 12:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
T -3 (2.0')	E403261-01A	Soil	03/22/24	03/28/24	Glass Jar, 2 oz.
T -3 (3.0')	E403261-02A	Soil	03/22/24	03/28/24	Glass Jar, 2 oz.
T -3 (4.0')	E403261-03A	Soil	03/22/24	03/28/24	Glass Jar, 2 oz.
T -3 (5.0')	E403261-04A	Soil	03/22/24	03/28/24	Glass Jar, 2 oz.
T -3 (6.0')	E403261-05A	Soil	03/22/24	03/28/24	Glass Jar, 2 oz.
T -3 (7.0')	E403261-06A	Soil	03/22/24	03/28/24	Glass Jar, 2 oz.
T -3 (8.0')	E403261-07A	Soil	03/22/24	03/28/24	Glass Jar, 2 oz.
T -3 (9.0')	E403261-08A	Soil	03/22/24	03/28/24	Glass Jar, 2 oz.



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

T -3 (2.0')

		E403261-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2413094
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2413094
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	03/28/24	03/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2413096
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/30/24	
Surrogate: n-Nonane		69.0 %	50-200	03/28/24	03/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2413102
Chloride	2170	20.0	1	03/28/24	03/28/24	

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

T -3 (3.0') E403261-02

Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2413094
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0500	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
	95.8 %	70-130	03/28/24	03/30/24	
mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2413094
ND	20.0	1	03/28/24	03/30/24	
	95.5 %	70-130	03/28/24	03/30/24	
mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2413096
ND	25.0	1	03/28/24	03/30/24	
ND	50.0	1	03/28/24	03/30/24	
	63.6 %	50-200	03/28/24	03/30/24	
mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2413102
1070	20.0	1	03/28/24	03/28/24	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 25.0 MD 25.0 ND 50.0 63.6 % mg/kg mg/kg mg/kg	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Ana ND 20.0 1 95.5 % 70-130 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 63.6 % 50-200 mg/kg mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: EG ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0500 1 03/28/24 ND 0.0250 1 03/28/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/28/24 mg/kg mg/kg Analyst: KM ND 25.5 % 70-130 03/28/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/28/24 ND 50.0 1 03/28/24 ND 50.0 1 03/28/24 mg/kg mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: EG ND 0.0250 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 ND 0.0500 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/28/24 03/30/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/28/24 03/30/24 mg/kg mg/kg Analyst: KM ND 25.5 % 70-130 03/28/24 03/30/24 ND 25.0 1 03/28/24 03/30/24 ND 50.0 1 03/28/24 03/30/24 ND 50.0

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

T -3 (4.0') E403261-03

Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2413094
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
ND	0.0500	1	03/28/24	03/30/24	
ND	0.0250	1	03/28/24	03/30/24	
	94.2 %	70-130	03/28/24	03/30/24	
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2413094
ND	20.0	1	03/28/24	03/30/24	
	96.1 %	70-130	03/28/24	03/30/24	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2413096
ND	25.0	1	03/28/24	03/30/24	
ND	50.0	1	03/28/24	03/30/24	
	67.9 %	50-200	03/28/24	03/30/24	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2413102
1610	20.0	1	03/28/24	03/28/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 96.1 % mg/kg MD 25.0 ND 50.0 67.9 % mg/kg mg/kg mg/kg	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 94.2 % 70-130 mg/kg mg/kg Ana ND 20.0 1 96.1 % 70-130 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 67.9 % 50-200 mg/kg mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: EG ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0250 1 03/28/24 ND 0.0500 1 03/28/24 ND 0.0250 1 03/28/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/28/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/28/24 ND 25.0 1 03/28/24 ND 50.0 1 03/28/24 ND 50.0 1 03/28/24 Mg/kg Mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: EG ND 0.0250 1 03/28/24 03/30/24 ND 0.0500 1 03/28/24 03/30/24 ND 0.0250 1 03/28/24 03/30/24 MD 0.0250 1 03/28/24 03/30/24 Mg/kg mg/kg Analyst: EG ND 20.0 1 03/28/24 03/30/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/28/24 03/30/24 ND 25.0 1 03/28/24 03/30/24 ND 50.0 1 03/28/24 03/30/24 ND 50.0 1 03/28/24 03/30/24 <t< td=""></t<>

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

T -3 (5.0') E403261-04

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: BA		Batch: 2414011
ND	0.0250	1	04/01/24	04/05/24	
ND	0.0250	1	04/01/24	04/05/24	
ND	0.0250	1	04/01/24	04/05/24	
ND	0.0250	1	04/01/24	04/05/24	
ND	0.0500	1	04/01/24	04/05/24	
ND	0.0250	1	04/01/24	04/05/24	
	93.6 %	70-130	04/01/24	04/05/24	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2414011
ND	20.0	1	04/01/24	04/05/24	
	95.4 %	70-130	04/01/24	04/05/24	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2414076
ND	25.0	1	04/05/24	04/06/24	
ND	50.0	1	04/05/24	04/06/24	
	101 %	50-200	04/05/24	04/06/24	
mg/kg	mg/kg	Analy	yst: JM		Batch: 2414010
2140	20.0	1	04/01/24	04/02/24	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 95.4 % mg/kg MD 25.0 ND 50.0 101 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Analy ND 20.0 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 101 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/01/24 ND 0.0250 1 04/01/24 ND 0.0250 1 04/01/24 ND 0.0250 1 04/01/24 ND 0.0500 1 04/01/24 ND 0.0250 1 04/01/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/01/24 mg/kg mg/kg Analyst: NV ND 25.4 % 70-130 04/01/24 mg/kg mg/kg Analyst: NV ND 25.0 1 04/05/24 ND 50.0 1 04/05/24 ND 50.0 1 04/05/24 mg/kg mg/kg Analyst: JM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/01/24 04/05/24 ND 0.0500 1 04/01/24 04/05/24 ND 0.0250 1 04/01/24 04/05/24 MD 0.0250 1 04/01/24 04/05/24 Mg/kg mg/kg Analyst: BA ND 20.0 1 04/01/24 04/05/24 Mg/kg mg/kg Analyst: BA ND 25.4 % 70-130 04/01/24 04/05/24 Mg/kg mg/kg Analyst: NV ND 25.0 1 04/05/24 04/06/24 ND 50.0 1 04/05/24 04/06/24 ND 50.0



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

T -3 (6.0') E403261-05

		E403201-05				
Analyta	Result	Reporting Limit	Dilution	Dranarad	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2414011
Benzene	ND	0.0250	1	04/01/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/01/24	04/05/24	
Toluene	ND	0.0250	1	04/01/24	04/05/24	
o-Xylene	ND	0.0250	1	04/01/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/01/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/01/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	04/01/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2414011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	04/01/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2414076
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/06/24	
Surrogate: n-Nonane		103 %	50-200	04/05/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2414010
Chloride	2360	40.0	2	04/01/24	04/02/24	·

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

T -3 (7.0') E403261-06

		E403201-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA	<u> </u>	Batch: 2414011
Benzene	ND	0.0250	1	04/01/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/01/24	04/05/24	
Toluene	ND	0.0250	1	04/01/24	04/05/24	
o-Xylene	ND	0.0250	1	04/01/24	04/05/24	
o,m-Xylene	ND	0.0500	1	04/01/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/01/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	04/01/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2414011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	04/01/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2414076
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/06/24	
Surrogate: n-Nonane		101 %	50-200	04/05/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2414010
Chloride	2590	200	10	04/01/24	04/02/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

T -3 (8.0') E403261-07

		E403201-07				
Analyte	Result	Reporting Limit	Dilution	Dronoro d	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414011
Benzene	ND	0.0250	1	04/01/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/01/24	04/05/24	
Toluene	ND	0.0250	1	04/01/24	04/05/24	
o-Xylene	ND	0.0250	1	04/01/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/01/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/01/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	04/01/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	04/01/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2414076
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/06/24	
Surrogate: n-Nonane		91.9 %	50-200	04/05/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2414010
Chloride	2410	40.0	2	04/01/24	04/02/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

T -3 (9.0')

		E403261-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414011
Benzene	ND	0.0250	1	04/01/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/01/24	04/05/24	
Toluene	ND	0.0250	1	04/01/24	04/05/24	
o-Xylene	ND	0.0250	1	04/01/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/01/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/01/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	04/01/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	04/01/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2414076
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/06/24	
Surrogate: n-Nonane		93.7 %	50-200	04/05/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2414010
Chloride	2730	100	5	04/01/24	04/02/24	



Total Xylenes

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2413094-MSD1)

QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 4/11/2024 12:53:59PM **Volatile Organics by EPA 8021B** Analyst: EG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2413094-BLK1) Prepared: 03/28/24 Analyzed: 03/29/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.63 8.00 95.4 70-130 LCS (2413094-BS1) Prepared: 03/28/24 Analyzed: 03/30/24 4.99 99.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.00 0.0250 5.00 100 70-130 5.00 0.0250 5.00 100 70-130 Toluene o-Xylene 4.97 0.0250 5.00 99.4 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 100 70-130 15.0 15.0 Total Xylenes 0.0250 8.00 94.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.52 Matrix Spike (2413094-MS1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24 4.95 0.0250 5.00 ND 99.1 54-133 Benzene ND 99.4 61-133 Ethylbenzene 4.97 0.0250 5.00 Toluene 4.97 0.0250 5.00 ND 99.3 61-130 4.93 ND 98.7 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.99 0.0500 10.0 ND 99.9 63-131

15.0

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

ND

Source: E403261-03

103

103

102

103

103

96.0

63-131

70-130

54-133

61-133

61-130

63-131

63-131

63-131

70-130

3.49

3.43

3 43

3.32

3.50

3.44

14.9

7.66

5.13

5.14

5.14

5.10

10.3

15.4

7.68

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250



Prepared: 03/28/24 Analyzed: 03/30/24

20

20

20

20

20

QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 4/11/2024 12:53:59PM **Volatile Organics by EPA 8021B** Analyst: RKS RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2414011-BLK1) Prepared: 04/01/24 Analyzed: 04/05/24 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.78 8.00 97.3 70-130 LCS (2414011-BS1) Prepared: 04/01/24 Analyzed: 04/08/24 4.78 5.00 95.6 70-130 0.0250 Benzene Ethylbenzene 4.79 0.0250 5.00 95.8 70-130 4.78 70-130 Toluene 0.0250 5.00 95.6 4.73 94.6 70-130 o-Xylene 0.0250 5.00 9.69 0.0500 10.0 96.9 70-130 p,m-Xylene 96.1 70-130 14.4 0.0250 15.0 Total Xylenes 70-130 8.00 93.6 Surrogate: 4-Bromochlorobenzene-PID 7.49

Matrix Spike (2414011-MS1)			Source:	E403261-	04	Prepared: 04/01/24 Analyzed: 04/08/24	
Benzene	4.83	0.0250	5.00	ND	96.5	54-133	
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	61-133	
Toluene	4.83	0.0250	5.00	ND	96.6	61-130	
o-Xylene	4.80	0.0250	5.00	ND	96.0	63-131	
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	63-131	
Total Xylenes	14.6	0.0250	15.0	ND	97.3	63-131	
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.3	70-130	

Matrix Spike Dup (2414011-MSD1)				Source:	Source: E403261-04			Prepared: 04/01/24 Analyzed: 04/08/24		
Benzene	4.88	0.0250	5.00	ND	97.7	54-133	1.19	20		
Ethylbenzene	4.91	0.0250	5.00	ND	98.1	61-133	0.944	20		
Toluene	4.88	0.0250	5.00	ND	97.6	61-130	0.993	20		
o-Xylene	4.84	0.0250	5.00	ND	96.9	63-131	0.896	20		
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	63-131	0.918	20		
Total Xylenes	14.7	0.0250	15.0	ND	98.2	63-131	0.911	20		
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130				

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Carmona Resources	Project Name:	RDX 17 -5	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	•
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

Midland TX, 79701		Project Manage	r: M	ike Carmona				4/1	1/2024 12:53:59PM
	Nor	halogenated	Organics	by EPA 80	15D - Gl	RO			Analyst: EG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413094-BLK1)							Prepared: 0	3/28/24 Ana	yzed: 03/29/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS (2413094-BS2)							Prepared: 0	3/28/24 Ana	lyzed: 03/30/24
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			
Matrix Spike (2413094-MS2)				Source:	E403261-	03	Prepared: 0	3/28/24 Ana	lyzed: 03/30/24
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
Matrix Spike Dup (2413094-MSD2)				Source:	E403261-	03	Prepared: 0	3/28/24 Ana	lyzed: 03/30/24
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.3	70-130	0.284	20	

7.71

96.4

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 -5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 4/11/2024 12:53:59PM

Midland TX, 79701		Project Manage	r: M	ike Carmona				4/1	1/2024 12:53:59PM
	Non	Analyst: RKS							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2414011-BLK1)							Prepared: 0	4/01/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			
LCS (2414011-BS2)							Prepared: 0	4/01/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130			
Matrix Spike (2414011-MS2)				Source:	E403261-	04	Prepared: 0	4/01/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	87.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
Matrix Spike Dup (2414011-MSD2)				Source:	E403261-	04	Prepared: 0	4/01/24 Anal	yzed: 04/06/24
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130	9.34	20	

8.00

7.69

96.1

70-130

QC Summary Data

Carmona ResourcesProject Name:RDX 17 -5Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona4/11/2024 12:53:59PM

Wildiand 12, 77701		1 Toject Wanage	. 1011	Ke Carmona					7172021 12.33.3711
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413096-BLK1)							Prepared: 0	3/28/24 An	alyzed: 03/30/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.2		50.0		74.4	50-200			
LCS (2413096-BS1)							Prepared: 0	3/28/24 An	alyzed: 03/30/24
Diesel Range Organics (C10-C28)	239	25.0	250		95.6	38-132			
Surrogate: n-Nonane	35.1		50.0		70.2	50-200			
Matrix Spike (2413096-MS1)				Source:	E403245-0	02	Prepared: 0	3/28/24 An	alyzed: 03/30/24
Diesel Range Organics (C10-C28)	1420	125	250	1260	63.4	38-132			
Surrogate: n-Nonane	31.1		50.0		62.2	50-200			
Matrix Spike Dup (2413096-MSD1)				Source:	E403245-0	02	Prepared: 0	3/28/24 An	alyzed: 03/30/24
Diesel Range Organics (C10-C28)	1590	125	250	1260	132	38-132	11.5	20	
Surrogate: n-Nonane	33.7		50.0		67.5	50-200			

QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 4/11/2024 12:53:59PM Project Manager: Mike Carmona

Midland 1X, /9/01		Project Manage	r: Mi	ike Carmona				4.	/11/2024 12:55:59PF
	Nonha	logenated Or	ganics by	EPA 8015I	D - 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 (2414076-BLK1)							Prepared: 0	4/05/24 Ana	alyzed: 04/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.7		50.0		113	50-200			
LCS (2414076-BS1)							Prepared: 0	4/05/24 Ana	alyzed: 04/06/24
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			
Matrix Spike (2414076-MS1)				Source:	E404043-	01	Prepared: 0	4/05/24 Ana	alyzed: 04/06/24
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			
Matrix Spike Dup (2414076-MSD1)				Source:	E404043-	01	Prepared: 0	4/05/24 Ana	alyzed: 04/06/24
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132	0.178	20	
Surrogate: n-Nonane	51.7		50.0		103	50-200			

Chloride

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	RDX 17 -5 01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/11/2024 12:53:59PM

Midland TX, 79701		Project Manager	r: M	ike Carmona					4/11/2024 12:53:59PM
		Anions	by EPA 3	00.0/9056 <i>A</i>					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 (2413102-BLK1)							Prepared: 0	3/28/24 Ai	nalyzed: 03/28/24
Chloride	ND	20.0							
LCS (2413102-BS1)							Prepared: 0	3/28/24 A	nalyzed: 03/28/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2413102-MS1)				Source:	E403261-	02	Prepared: 0	3/28/24 A	nalyzed: 03/28/24
Chloride	1300	20.0	250	1070	90.9	80-120			
Matrix Snike Dun (2413102-MSD1)				Source:	F403261_	02	Prepared: 0	3/28/24 A	nalyzed: 03/28/24

250

138

80-120

8.59

1420

20.0



Chloride

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	01	DX 17 -5 1058-0007 (ike Carmona				4	Reported: 4/11/2024 12:53:59PM
		Anions	by EPA 3	300.0/9056 <i>E</i>	\				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414010-BLK1)							Prepared: 0	4/01/24 Ar	nalyzed: 04/01/24
Chloride	ND	20.0							
LCS (2414010-BS1)							Prepared: 0	4/01/24 Ar	nalyzed: 04/01/24
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2414010-MS1)				Source:	E404002-	03	Prepared: 0	4/01/24 Ar	nalyzed: 04/01/24
Chloride	266	20.0	250	ND	107	80-120			
Matrix Spike Dup (2414010-MSD1)				Source:	E404002-	03	Prepared: 0	4/01/24 Ar	nalyzed: 04/01/24

250

20.0

80-120

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 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	04/11/24 12:53

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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>E403261</u> Job#: 01058-0007

esources St Ste 500		Mike Carmona				Bill to: (if different) Jim Ral			Jim Raley					Work Order Comments							
St Ste 500			Company	Name:		Devo	n Ener	ЭУ				F	Program: UST/PST PRP rownfields RC perfund								
			Address:			5315	Buena	Vista Dr				1	State of Project:								
79701			City, Stat	e ZIP:	: Carlsbad NM, 88220					F	Reporti	ing:Lev	vel II	Level II	□s	T/UST	RRP L	evel IV			
992		Emai			om								Deliver	ables:	EDD		ADa	PT 🗆	Other:		
										4414	1 1/010							T .		Onder	
					Pres.			Г		ANA	LYSIS	REQUI	ESI		\neg	-	\top				
	Activities and		LI RUSII	_	Code		-		-	+	-	\dashv	-	-	-	-	+			Water: H ₂ O	
	Mexico	Due Date:					6			- 1								E-10-01/A		OH: Me	
IVIVI		-					MRG											1000			
Toma Blank:	Vac No	Mot loo:	(20)	No	ters	_	80	0					- 1					100			
eals: Yes No (N/A)			Tes	INU	rame	021E	+ D	300						9	7.00						
					Par	EX 8	GRO	oride									호				
		eading: 4				I I	SM (품												<u>'</u> n	
8	Corrected Temp	perature:					1801											NaOH-	+Ascorbic Acid		
Date		Soil	Water	Grab/ Comp	# of Cont		TP.											S	ample Com	ments	
3/21/2024		X		G	1	×	x	×													
3/21/2024		Х		G	1	×	x	×													
3/21/2024		X		G	1	×	×	×													
3/21/2024		X		G	1												×				
3/21/2024		X		G	1												×				
3/21/2024		Х		G	1												×				
3/21/2024		X		G	1												×				
3/21/2024		X		G	1												×				
																		1			
	RDX 17-5 2297 dy County, New MM Temp Blank: (res) No es No (N/A) B Date 3/21/2024 3/21/2024 3/21/2024 3/21/2024 3/21/2024 3/21/2024 3/21/2024 3/21/2024 3/21/2024 3/21/2024	RDX 17-5 2297 dy County, New Mexico	RDX 17-5 2297 dy County, New Mexico	RDX 17-5 2297 □ Routine □ Rush dy County, New Mexico	RDX 17-5 2297 Routine	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	RDX 17-5	

Printed: 3/28/2024 12:19:02PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

	te Received:	03/28/24	05:30	Work Order ID: E403261
Phone: (432) 813-6823 Da	te Logged In:	03/27/24	16:34	Logged In By: Angelina Pineda
Email: mcarmona@carmonaresources.com Du	e Date:	04/03/24	17:00 (4 day TAT)	
Chain of Custody (COC)				
1. Does the sample ID match the COC?		Yes		
2. Does the number of samples per sampling site location match	he COC	Yes		
3. Were samples dropped off by client or carrier?		Ycs	Carrier: C	<u>'ourier</u>
4. Was the COC complete, i.e., signatures, dates/times, requested	analyses?	No		
 Were all 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 Turn Around Time (TAT)		V		See Analysis request on COC, Samples:
6. Did the COC indicate standard TAT, or Expedited TAT?		Yes		E-04, E-05, E-06, E-07, E-08 on HOLD.
Sample Cooler		V		
7. Was a sample cooler received?		Yes		Time Sampled was not documented on the
8. If yes, was cooler received in good condition?		Yes		COC by client
9. Was the 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		
 Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are recomminutes of sampling If no visible ice, record the temperature. Actual sample temperature. 	eived w/i 15	Yes		
- · · · · · · · · · · · · · · · · · · ·	iperature. <u></u>	2		
Sample Container 14. Are aqueous VOC samples present?		No		
15. Are VOC samples collected in VOA Vials?		NA		
16. Is the head space less than 6-8 mm (pea sized or less)?		NA		
17. Was a trip blank (TB) included for VOC analyses?		NA		
18. Are non-VOC samples collected in the correct containers?		Yes		
19. Is the appropriate volume/weight or number of sample containers	collected?	Yes		
Field Label				
20. Were field sample labels filled out with the minimum information.	ition:			
Sample ID?		Yes		
Date/Time Collected?		Yes	·	
Collectors name?		Yes		
Sample Preservation				
21. Does the COC or field labels indicate the samples were prese	rved?	No		
22. Are sample(s) correctly preserved?		NA		
24. Is lab filteration required and/or requested for dissolved meta	IS?	No		
Multiphase Sample Matrix				
26. Does the sample have more than one phase, i.e., multiphase?		No		
27. If yes, does the COC specify which phase(s) is to be analyzed	?	NA		
Subcontract Laboratory				
28. Are samples required to get sent to a subcontract laboratory?		No		
To a subject to day of the subject to the subject t	who?	NA	Subcontract Lab	: NA
29. Was a subcontract laboratory specified by the client and if so				

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Page	
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of	
255	

Work Order No: <u>E403261</u> Job#: 01058-0007

																						Page2	2 of2
Project Manager:	Mike Carmon	а			Bill to: (if	different)		Jim R	aley										W	ork O	rder (Comments	
Company Name:	Carmona Re	sources			Company	Name:		Devoi	Energ	ду						Progr	am: U	ST/PS	ят 🕞	RP [rown	fields RC	€perfund □
Address:	310 W Wall 5	St Ste 500			Address: 5315 Buena Vista Dr						State of Project:												
City, State ZIP:	Midland, TX	79701			City, Stat	e ZIP:	Carlsbad NM, 88220								Reporting:Level II								
Phone:	(432) 813-19	92		Email	; jim.raley@dvn.com							Deliverables: EDD ☐ ADaPT ☐ Other:											
Project Name:		RDX 17-5		Turn	Around							-	ANAL	YSIS I	REQL	JEST						Preserva	ative Codes
Project Number:		2297		☐ Routine	□ Rush		Pres. Code															None: NO	DI Water: H ₂ O
Project Location	Edd	y County, New	Mexico	Due Date:			A		O+MRO)													Cool: Cool	MeOH: Me
Sampler's Name:		MM																				HCL: HC	HNO ₃ : HN
PO #:					-		ars.						-	()								H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEI	PT T	emp Blank:	Yes No	Wet Ice:	Yes	No	Paramete	8	DRO	00.00		- 9	(100				H ₃ PO ₄ : HP	
Received Intact:		Yes No	Thermometer ID				araı	3TEX 8021B	GRO+	de 3											НОГР	NaHSO ₄ : NABI	
Cooler Custody Seals		No MA	Correction Facto		-			3TE)		hlori											I	Na ₂ S ₂ O ₃ . NaSO	
Sample Custody Sea	ils: Yes	8 No (N/A)	Temperature Re			-		-	8015M (0	6. 1											Zn Acetate+Na NaOH+Ascorbi	
Total Containers:			Corrected Temp	Terature:	-	C>/			TPH 8													NaOH+Ascorbi	ic Acid. SAPC
Sample Iden	ntification	3/22/24		Soll	Water	Grab/ Comp	# of Cont		F									-				Sample	Comments
T-3 (2	!.0')	3/21/2024		X		G	1	x	x	×												1	
T-3 (3	3.0')	3/21/2024		X		G	1	x	×	×							1					2	
T-3 (4	.0')	3/21/2024		Х		G	1	x	×	x												3	
T-3 (5	5.0')	3/21/2024		X		G	1	x	x	X											k	4	
T-3 (6	5.0')	3/21/2024		×		G	1	x	×	X											k	5	
T-3 (7	'.O')	3/21/2024		Х		G	1	×	×	×											k	6	
T-3 (8	3.0')	3/21/2024		X		G	1	×	×	×											k	7	
T-3 (9	0.0')	3/21/2024		X	Lead	G	1	X	×	×											k	8	
Samples date to	1 to Mike Car -04 - 3 22 2	through.	h -08 1 4/5/24	vere t	n and Co	nner Mo	oehring GFF	/ Cmc	old	g@ca	er.	esou	· M	com Cil	بعو	e	an	d	80	my	ple	colle	ction
		Relinquished	by: (Signature)					Date/	Time			1	T,	-	Rece	ived h	y: (Si	natu	re)	-	_		Date/Time
Commy	Julu	~ _	-, (o.g., o.a. o)			-	312			1000		6	1	-	1	1	3. (5)	3.10.10	-/	-	-	5.	21.24/102
CH DA		8					3/2					1	11	مر	1	Sh		_		-			
				3.7					And	the 11	7	14	11/	14			-	-		21.24 1815			

Report to:
Mike Carmona



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 17 -5

Work Order: E405068

Job Number: 01058-0007

Received: 5/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/13/24

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: 5/13/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E405068

Date Received: 5/6/2024 11:00:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2024 11:00:00AM, under the Project Name: RDX 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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

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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
QC Summary Data	9
QC - Volatile Organic Compounds by EPA 8260B	9
QC - Nonhalogenated Organics by EPA 8015D - GRO	10
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	11
QC - Anions by EPA 300.0/9056A	12
Definitions and Notes	13
Chain of Custody etc.	14

Sample Summary

Carmona Resources	Project Name:	RDX 17 -5	Donoutoda
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	05/13/24 13:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H-1 (0-0.5')	E405068-01A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
H-2 (0-0.5')	E405068-02A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
H-3 (0-0.5')	E405068-03A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
H-4 (0-0.5')	E405068-04A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:40:55PM

H-1 (0-0.5') E405068-01

		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419064
Benzene	ND	0.0250		1	05/07/24	05/09/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/09/24	
Toluene	ND	0.0250		1	05/07/24	05/09/24	
o-Xylene	ND	0.0250		1	05/07/24	05/09/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/09/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		105 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419064
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		105 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419103
Diesel Range Organics (C10-C28)	ND	25.0		1	05/08/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/08/24	05/09/24	
Surrogate: n-Nonane		106 %	50-200		05/08/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419175
Chloride	302	20.0		1	05/10/24	05/11/24	
Chioride	302	20.0			03/10/24	05/11/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:40:55PM

H-2 (0-0.5')

		E405068-02					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	EG		Batch: 2419064
Benzene	ND	0.0250		1	05/07/24	05/09/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/09/24	
Toluene	ND	0.0250		1	05/07/24	05/09/24	
o-Xylene	ND	0.0250		1	05/07/24	05/09/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/09/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	EG		Batch: 2419064
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2419103
Diesel Range Organics (C10-C28)	ND	25.0		1	05/08/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/08/24	05/09/24	
Surrogate: n-Nonane		107 %	50-200		05/08/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419175
Chloride	314	20.0		1	05/10/24	05/11/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:40:55PM

H-3 (0-0.5')

		E405068-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	EG		Batch: 2419064
Benzene	ND	0.0250	1		05/07/24	05/09/24	
Ethylbenzene	ND	0.0250	1		05/07/24	05/09/24	
Toluene	ND	0.0250	1		05/07/24	05/09/24	
o-Xylene	ND	0.0250	1		05/07/24	05/09/24	
p,m-Xylene	ND	0.0500	1		05/07/24	05/09/24	
Total Xylenes	ND	0.0250	1		05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		106 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	EG		Batch: 2419064
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		106 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	NV		Batch: 2419103
Diesel Range Organics (C10-C28)	ND	25.0	1		05/08/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/08/24	05/09/24	
Surrogate: n-Nonane		104 %	50-200		05/08/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419175
Chloride	ND	20.0	1		05/10/24	05/11/24	



Car	mona Resources	Project Name:	RDX 17 -5	
310	West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Mid	lland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:40:55PM

H-4 (0-0.5') E405068-04

		E100000 01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	EG .	<u> </u>	Batch: 2419064
Benzene	ND	0.0250		1	05/07/24	05/09/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/09/24	
Toluene	ND	0.0250		1	05/07/24	05/09/24	
o-Xylene	ND	0.0250		1	05/07/24	05/09/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/09/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	EG		Batch: 2419064
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2419103
Diesel Range Organics (C10-C28)	ND	25.0		1	05/08/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/08/24	05/09/24	
Surrogate: n-Nonane		106 %	50-200		05/08/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2419175
Chloride	ND	20.0		1	05/10/24	05/11/24	



QC Summary Data

Carmona Resources Project Name: RDX 17 -5 Reported:
310 West Wall St. Suite 415 Project Number: 01058-0007
Midland TX, 79701 Project Manager: Mike Carmona 5/13/2024 1:40:55PM

Midland TX, 79701		Project Manage	r: M	ike Carmona				5/1	3/2024 1:40:55PF
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: EG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419064-BLK1)							Prepared: 0	5/07/24 Anal	yzed: 05/08/24
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: Bromofluorobenzene	0.630		0.500		126	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.563		0.500		113	70-130			
Surrogate: Toluene-d8	0.607		0.500		121	70-130			
LCS (2419064-BS1)							Prepared: 0	5/07/24 Anal	yzed: 05/08/24
Benzene	2.60	0.0250	2.50		104	70-130			
Ethylbenzene	2.78	0.0250	2.50		111	70-130			
Toluene	2.66	0.0250	2.50		106	70-130			
o-Xylene	2.95	0.0250	2.50		118	70-130			
p,m-Xylene	5.90	0.0500	5.00		118	70-130			
Total Xylenes	8.85	0.0250	7.50		118	70-130			
Surrogate: Bromofluorobenzene	0.597		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.533		0.500		107	70-130			
Surrogate: Toluene-d8	0.578		0.500		116	70-130			
Matrix Spike (2419064-MS1)				Source:	E405070-	04	Prepared: 0	5/07/24 Anal	yzed: 05/09/24
Benzene	2.47	0.0250	2.50	ND	99.0	48-131			
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135			
Toluene	2.48	0.0250	2.50	ND	99.3	48-130			
o-Xylene	2.64	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.29	0.0500	5.00	ND	106	43-135			
Fotal Xylenes	7.93	0.0250	7.50	ND	106	43-135			
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			
Matrix Spike Dup (2419064-MSD1)				Source:	E405070-	04	Prepared: 0	5/07/24 Anal	yzed: 05/09/24
Benzene	2.31	0.0250	2.50	ND	92.4	48-131	6.92	23	
Ethylbenzene	2.47	0.0250	2.50	ND	98.7	45-135	4.90	27	
Toluene	2.36	0.0250	2.50	ND	94.5	48-130	4.95	24	
o-Xylene	2.57	0.0250	2.50	ND	103	43-135	2.63	27	
p,m-Xylene	5.16	0.0500	5.00	ND	103	43-135	2.59	27	
Total Xylenes	7.73	0.0250	7.50	ND	103	43-135	2.61	27	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
0 10 Dill 1 1/	0.402		0.500		00.6	70 120			



0.500

0.500

98.6

107

70-130

70-130

0.493

0.535

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 -5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 5/13/2024 1:40:55PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: EG	ŗ
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Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	Result	LIIIII	Level	Result	Rec	Limits	KrD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419064-BLK1)							Prepared: 0:	5/07/24 Ar	nalyzed: 05/08/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.630		0.500		126	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.563		0.500		113	70-130			
Surrogate: Toluene-d8	0.607		0.500		121	70-130			
LCS (2419064-BS2)							Prepared: 0:	5/07/24 Ar	nalyzed: 05/08/24
Gasoline Range Organics (C6-C10)	59.3	20.0	50.0		119	70-130		·	
Surrogate: Bromofluorobenzene	0.580		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			
Matrix Spike (2419064-MS2)				Source:	E405070-0	04	Prepared: 0:	5/07/24 Ar	nalyzed: 05/09/24
Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			
Matrix Spike Dup (2419064-MSD2)				Source:	E405070-0	04	Prepared: 0:	5/07/24 Ar	nalyzed: 05/09/24
				ND	121	70-130	6.81	20	
Gasoline Range Organics (C6-C10)	60.3	20.0	50.0	ND	121	/0-130	0.01	20	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene	60.3 0.552	20.0	0.500	ND	110	70-130	0.01		
		20.0		ND			0.01	20	



QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 -5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 5/13/2024
 1:40:55PM

1711010110 111, 75701		110jeet Manage		me cumona					
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419103-BLK1)							Prepared: 0	5/08/24 Anal	yzed: 05/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.7		50.0		101	50-200			
LCS (2419103-BS1)							Prepared: 0	5/08/24 Anal	yzed: 05/08/24
Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			
LCS Dup (2419103-BSD1)							Prepared: 0	5/08/24 Anal	yzed: 05/08/24
Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132	0.0142	20	
Surrogate: n-Nonane	52.5		50.0		105	50-200			

Analyst: IY

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	RDX 17 -5 01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:40:55PM

Anions by EPA 300.0/9056A

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2419175-BLK1)							Prepared: 0:	5/10/24 Anal	yzed: 05/11/24
Chloride	ND	20.0							
LCS (2419175-BS1)							Prepared: 0:	5/10/24 Anal	yzed: 05/11/24
Chloride	255	20.0	250		102	90-110			
LCS Dup (2419175-BSD1)							Prepared: 0:	5/10/24 Anal	yzed: 05/11/24
Chi:i-	255	20.0	250		102	00 110	0.0164	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

l	Carmona Resources	Project Name:	RDX 17 -5	
l	310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
l	Midland TX, 79701	Project Manager:	Mike Carmona	05/13/24 13:40

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.



Received by OCD: 7/9/2024 8:18:20 AM

Page 125 of 255

Chain of Custody

Work Order No: <u>E405068</u> JOD# 01058 -0007

Project Manager: M Company Name: C	Mike Carmona				Bill to: (if	different)		Jim R	aley								Work (Order	Comments	
	Carmona Reso	urces			Company			Devon Energy 5315 Buena Vista Dr				Program: UST/PST PRP rownfields RC perfund								
	310 W Wall St				Address:							1	of Proje		_					
	Midland, TX 79				City, Stat					Level III	el III TST/UST TRRP TLevel IV									
	432) 813-1992			Emai	l: jim.rale		om	Cans	Dau IVI	1, 00220				1	rables:			ADaP		
Filotie.	432) 013-1992			Emai	i. jini .i ale)	(WUVII.C	OIII	T			-0.15					_				
Project Name:		RDX 17-5			n Around		Pres.	-			ANA	ALYSIS	REQI	JEST		_	_	_	Preservative 0	Codes
Project Number:		2297		✓ Routine	Rusi	h	Code	-								_		-	None: NO DIV	Vater: H ₂ O
Project Location	Eddy	County, New	Mexico	Due Date:					=										Ifields RC perfund UST RRP Level IV Other: Preservative Codes None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP	
Sampler's Name:		MM						1	+ MRO)											Preservative Codes One: NO DI Water: H2O Cool: Cool MeOH: Me ICL: HC HNO3: HN Ig2S04: H2 NABIS Ia2S2O3: NASO3 In Acetate+NaOH: Zn IaOH+Ascorbic Acid: SAPC Sample Comments
PO #:							ers.		+)H: Na
SAMPLE RECEIP		np Blank:	Yes No	Wet Ice:	Yes	No	Parameters	8021B	+ DRO	Chloride 300.0									H₃PO₄: HP	
Received Intact:	Ç _e		Thermometer ID				arai	(80	9	de 3		1							NaHSO ₄ : NABIS	
Cooler Custody Seals:	Seals: Yes (V/A) Temperature Reading:	(GF STEX	hlori																	
Sample Custody Seals:				149	2		-	15M	0									And the Control of th		
Total Containers:			Corrected Temp	erature:	4			1	TPH 8015M (GRO										NaOH+Ascorbic Acid:	SAPC
Sample Identif	fication	Date		Soil	Water	Grab/ Comp	# of Cont		EL.										Sample Comr	nents
H-1 (0-0.	.5')	4/29/2024		X		G	1	×	x	х										1
H-2 (0-0.	.5')	4/29/2024		X		G	1	X	X	×										
H-3 (0-0.	.5')	4/29/2024		X		G	1	X	X	x										3
H-4 (0-0.	.5')	4/29/2024		X		G	1	х	×	х										4

Printed: 5/7/2024 3:56:15PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

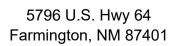
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	05/06/24 11:	00	Worl	k Order ID:	E405068
Phone:	(432) 813-6823	Date Logged In:	05/06/24 11:	32	Log	ged In By:	Keyliegh Hall
Email:	mcarmona@carmonaresources.com	Due Date:	05/10/24 17:	:00 (4 day TAT)	Ç.	,	, ,
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location man	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>ourier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	Turn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled	is not doo	cumented on the
Sample C	<u>Cooler</u>				COC by client		
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container .		_				
_	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers'	?	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lal	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	_			
			Yes				
_	<u>'reservation</u> the COC or field labels indicate the samples were pr	recensed?	No				
	ample(s) correctly preserved?	reserved?	NA NA				
	filteration required and/or requested for dissolved n	netals?	No				
		icuis.	110				
	se Sample Matrix the sample have more than one phase, i.e., multipha	9	3.7				
	, does the COC specify which phase(s) is to be analy		No				
		yzeur	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and in	f so who?	NA S	ubcontract Lab	: NA		
Client In	<u>nstruction</u>						

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

Report to:
Mike Carmona





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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: RDX 17 -5

Work Order: E405059

Job Number: 01058-0007

Received: 5/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/10/24

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: 5/10/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E405059

Date Received: 5/6/2024 11:00:58AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2024 11:00:58AM, under the Project Name: RDX 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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

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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
BH-1 (0-1')	6
BH-1 (2.0')	7
BH-1 (3.0')	8
BH-1 (4.0')	9
BH-1 (5.0')	10
BH-1 (6.0')	11
BH-1 (7.0')	12
BH-1 (8.0')	13
BH-1 (9.0')	14
BH-1 (10.0')	15
BH-1 (11.0')	16
BH-1 (12'0)	17
BH-1 (13.0')	18
BH-1 (14.0')	19
BH-1 (15.0')	20
BH-1 (20.0')	21
BH-1 (25.0')	22
BH-1 (30.0')	23
BH-2 (0-1')	24
BH-2 (2.0')	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	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

Γ	Carmona Resources	Project Name:	RDX 17 -5	Donoutode
ı	310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
l	Midland TX, 79701	Project Manager:	Mike Carmona	05/10/24 15:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-1 (0-1')	E405059-01A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (2.0')	E405059-02A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (3.0')	E405059-03A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (4.0')	E405059-04A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (5.0')	E405059-05A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (6.0')	E405059-06A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (7.0')	E405059-07A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (8.0')	E405059-08A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (9.0')	E405059-09A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (10.0')	E405059-10A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (11.0')	E405059-11A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (12'0)	E405059-12A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (13.0')	E405059-13A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (14.0')	E405059-14A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (15.0')	E405059-15A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (20.0')	E405059-16A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (25.0')	E405059-17A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-1 (30.0')	E405059-18A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (0-1')	E405059-19A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (2.0')	E405059-20A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (0-1') E405059-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2419035
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		95.7 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		95.7 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	4740	500	20	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	2650	1000	20	05/06/24	05/09/24	
Surrogate: n-Nonane		92.3 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2419088
Amons by EPA 500.0/9050A	1116/116	88				



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (2.0') E405059-02

		E405059-02				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2419035
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		96.1 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		96.1 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	1130	250	10	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	627	500	10	05/06/24	05/09/24	
Surrogate: n-Nonane		85.4 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: IY		Batch: 2419088
Chloride	5800	200	10	05/07/24	05/09/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (3.0') E405059-03

		E403037-03					
	D. Iv	Reporting			D 1		N
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2419035
Benzene	ND	0.0250		1	05/06/24	05/07/24	
Ethylbenzene	ND	0.0250		1	05/06/24	05/07/24	
Toluene	ND	0.0250		1	05/06/24	05/07/24	
o-Xylene	ND	0.0250		1	05/06/24	05/07/24	
p,m-Xylene	ND	0.0500		1	05/06/24	05/07/24	
Total Xylenes	ND	0.0250		1	05/06/24	05/07/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/06/24	05/07/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/06/24	05/07/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/06/24	05/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/06/24	05/07/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/06/24	05/07/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/06/24	05/07/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/06/24	05/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	121	25.0		1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	60.3	50.0		1	05/06/24	05/10/24	
Surrogate: n-Nonane		90.6 %	50-200	·	05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419088
Chloride	5450	100		5	05/07/24	05/09/24	



Carmo	ona Resources	Project Name:	RDX 17 -5	
310 W	Vest Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midla	nd TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (4.0') E405059-04

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg	Di	Analyst		7 mary 200	Batch: 2419035
Volatile Organic Compounds by EPA 8260B		0.0250		1	05/06/24	05/08/24	Batch. 2419033
Benzene	ND			1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250		1	05/06/24	05/08/24	
Toluene	ND	0.0250		1			
o-Xylene	ND	0.0250		1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500		1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		96.9 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		96.9 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	_	1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/06/24	05/10/24	
Surrogate: n-Nonane		92.0 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419088
Chloride	2520	40.0		2	05/07/24	05/09/24	



 Carmona Resources
 Project Name:
 RDX 17 - 5

 310 West Wall St. Suite 415
 Project Number:
 01058-0007
 Reported:

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 5/10/2024
 3:31:41PM

BH-1 (5.0') E405059-05

		E403037-03					
	D 1:	Reporting		.•	D 1		V.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2419035
Benzene	ND	0.0250	1	l	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	l	05/06/24	05/08/24	
Toluene	ND	0.0250	1	l	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	l	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	[05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	l	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.8 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.8 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	1		05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/06/24	05/10/24	
Surrogate: n-Nonane		91.9 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419088
Chloride	2720	40.0	2	2	05/07/24	05/09/24	



Carmona ResourcesProject Name:RDX 17 -5310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/10/2024 3:31:41PM

BH-1 (6.0') E405059-06

D l4		D'' (D 1	A I	Notes
Kesuit	Limit	Diluti	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: RKS		Batch: 2419035
ND	0.0250	1	05/06/24	05/08/24	
ND	0.0250	1	05/06/24	05/08/24	
ND	0.0250	1	05/06/24	05/08/24	
ND	0.0250	1	05/06/24	05/08/24	
ND	0.0500	1	05/06/24	05/08/24	
ND	0.0250	1	05/06/24	05/08/24	
	101 %	70-130	05/06/24	05/08/24	
	107 %	70-130	05/06/24	05/08/24	
	97.3 %	70-130	05/06/24	05/08/24	
mg/kg	mg/kg	A	Analyst: RKS		Batch: 2419035
ND	20.0	1	05/06/24	05/08/24	
	101 %	70-130	05/06/24	05/08/24	
	107 %	70-130	05/06/24	05/08/24	
	97.3 %	70-130	05/06/24	05/08/24	
mg/kg	mg/kg	A	Analyst: KM		Batch: 2419037
ND	25.0	1	05/06/24	05/10/24	
ND	50.0	1	05/06/24	05/10/24	
	90.1 %	50-200	05/06/24	05/10/24	
					2410000
mg/kg	mg/kg	A	Analyst: IY		Batch: 2419088
	ND N	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 IO1 % 107 % 97.3 % mg/kg ND 20.0 IO1 % 107 % 97.3 % mg/kg Mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 107% 97.3 % 70-130 70-130 mg/kg mg/kg A 107 % 70-130 70-130 97.3 % 70-130 70-130 mg/kg mg/kg A ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0500 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 107 % 70-130 05/06/24 97.3 % 70-130 05/06/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/06/24 107 % 70-130 05/06/24 107 % 70-130 05/06/24 97.3 % 70-130 05/06/24 mg/kg mg/kg Analyst: KM ND 25.0 1 05/06/24 ND 50.06/24 1 05/06/24 ND 50.0 1 05/06/24 <	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/06/24 05/08/24 ND 0.0500 1 05/06/24 05/08/24 ND 0.0250 1 05/06/24 05/08/24 ND 0.0250 1 05/06/24 05/08/24 ND 70-130 05/06/24 05/08/24 97.3 % 70-130 05/06/24 05/08/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/06/24 05/08/24 101 % 70-130 05/06/24 05/08/24 107 % 70-130 05/06/24 05/08/24 107 % 70-130 05/06/24 05/08/24 97.3 % 70-130<



Carmona ResourcesProject Name:RDX 17 -5310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/10/2024 3:31:41PM

BH-1 (7.0') E405059-07

	E403037-07					
Racult	Reporting	Dilu	tion	Pranarad	Analyzad	Notes
Resuit	Limit	Dilui	поп	rrepared	Anaryzeu	Notes
mg/kg	mg/kg	I	Analyst: R	KS		Batch: 2419035
ND	0.0250	1		05/06/24	05/08/24	
ND	0.0250	1		05/06/24	05/08/24	
ND	0.0250	1		05/06/24	05/08/24	
ND	0.0250	1		05/06/24	05/08/24	
ND	0.0500	1		05/06/24	05/08/24	
ND	0.0250	1		05/06/24	05/08/24	
	98.3 %	70-130		05/06/24	05/08/24	
	103 %	70-130		05/06/24	05/08/24	
	96.4 %	70-130		05/06/24	05/08/24	
mg/kg	mg/kg	1	Analyst: R	KS		Batch: 2419035
ND	20.0	1		05/06/24	05/08/24	
	98.3 %	70-130		05/06/24	05/08/24	
	103 %	70-130		05/06/24	05/08/24	
	96.4 %	70-130		05/06/24	05/08/24	
mg/kg	mg/kg	1	Analyst: K	M		Batch: 2419037
28.4	25.0	1		05/06/24	05/10/24	
ND	50.0	1		05/06/24	05/10/24	
	91.8 %	50-200		05/06/24	05/10/24	
mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2419088
4930	200	10)	05/07/24	05/09/24	
	ND Mg/kg ND mg/kg 28.4 ND	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 98.3 % 103 % 96.4 % mg/kg ND 20.0 98.3 % 103 % 96.4 % mg/kg mg/kg mg/kg ND 50.0 91.8 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.3 % 70-130 103 % 70-130 96.4 % 70-130 mg/kg mg/kg ND 20.0 1 98.3 % 70-130 103 % 70-130 96.4 % 70-130 mg/kg mg/kg ND 50.0 1 91.8 % 50-200 1 mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analyst: R ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.3 % 70-130 103 % 70-130 96.4 % 70-130 mg/kg mg/kg Analyst: R ND 20.0 1 98.3 % 70-130 70-130 103 % 70-130 70-130 mg/kg mg/kg Analyst: K 28.4 25.0 1 ND 50.0 1 91.8 % 50-200 mg/kg Analyst: F	Reporting Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0500 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 103 % 70-130 05/06/24 98.3 % 70-130 05/06/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/06/24 98.3 % 70-130 05/06/24 103 % 70-130 05/06/24 96.4 % 70-130 05/06/24 mg/kg mg/kg Analyst: KM 28.4 25.0 1 05/06/24 ND 50.0 1 05/06/24 Mg/kg Mg/kg A	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/06/24 05/08/24 ND 0.0500 1 05/06/24 05/08/24 ND 0.0250 1 05/06/24 05/08/24 ND 0.0250 1 05/06/24 05/08/24 ND 0.0250 1 05/06/24 05/08/24 98.3 % 70-130 05/06/24 05/08/24 96.4 % 70-130 05/06/24 05/08/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/06/24 05/08/24 96.4 % 70-130 05/06/24 05/08/24 96.4 % 70-130 05/06/24



Carmona ResourcesProject Name:RDX 17 -5310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/10/2024 3:31:41PM

BH-1 (8.0') E405059-08

	E403037-00				
Result	Limit	Diluti	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	A	analyst: RKS		Batch: 2419035
ND	0.0250	1	05/06/24	05/08/24	
ND	0.0250	1	05/06/24	05/08/24	
ND	0.0250	1	05/06/24	05/08/24	
ND	0.0250	1	05/06/24	05/08/24	
ND	0.0500	1	05/06/24	05/08/24	
ND	0.0250	1	05/06/24	05/08/24	
	100 %	70-130	05/06/24	05/08/24	
	105 %	70-130	05/06/24	05/08/24	
	97.7 %	70-130	05/06/24	05/08/24	
mg/kg	mg/kg	A	analyst: RKS		Batch: 2419035
ND	20.0	1	05/06/24	05/08/24	
	100 %	70-130	05/06/24	05/08/24	
	105 %	70-130	05/06/24	05/08/24	
	97.7 %	70-130	05/06/24	05/08/24	
mg/kg	mg/kg	A	analyst: KM		Batch: 2419037
ND	25.0	1	05/06/24	05/10/24	
ND	50.0	1	05/06/24	05/10/24	
	93.2 %	50-200	05/06/24	05/10/24	
mg/kg	mg/kg	A	analyst: IY		Batch: 2419088
	ND N	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IOO % 105 % 97.7 % 97.7 % mg/kg mg/kg ND 20.0 IOO % 105 % 97.7 % 97.7 % mg/kg mg/kg ND 25.0 ND 50.0 93.2 %	Result Reporting mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 105 % 70-130 70-130 mg/kg mg/kg A ND 20.0 1 105 % 70-130 70-130 97.7 % 70-130 70-130 mg/kg mg/kg A ND 25.0 1 ND 50.0 1 93.2 % 50-200	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0250 1 05/06/24 ND 0.0500 1 05/06/24 ND 0.0250 1 05/06/24 ND 70-130 05/06/24 105 % 70-130 05/06/24 97.7 % 70-130 05/06/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/06/24 105 % 70-130 05/06/24 97.7 % 70-130 05/06/24 mg/kg mg/kg Analyst: KM ND 25.0 1 05/06/24 ND 50.0 1 05/06/24 ND 50.0 1 05/06/24 ND 25.0 1 05/06/	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/06/24 05/08/24 ND 0.0500 1 05/06/24 05/08/24 ND 0.0250 1 05/06/24 05/08/24 ND 0.0250 1 05/06/24 05/08/24 100 % 70-130 05/06/24 05/08/24 97.7 % 70-130 05/06/24 05/08/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/06/24 05/08/24 105 % 70-130 05/06/24 05/08/24 105 % 70-130 05/06/24 05/08/24 mg/kg mg/kg Analyst: KM



Carmona Resou	irces	Project Name:	RDX 17 -5	
310 West Wall	St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79	7701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (9.0') E405059-09

		E403037-07					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	KS		Batch: 2419035
Benzene	ND	0.0250	1	Į.	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	l	05/06/24	05/08/24	
Toluene	ND	0.0250	1	l	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	l	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	Į.	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	l	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		96.8 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R	KS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		96.8 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	ZM.		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	1		05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	<u>. </u>	05/06/24	05/10/24	
Surrogate: n-Nonane		91.4 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2419088
Chloride	5340	100	5	;	05/07/24	05/09/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (10.0') E405059-10

		12403037-10				
Aughte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2419035
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.3 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.3 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/10/24	
Surrogate: n-Nonane		91.4 %	50-200	05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2419088
Chloride	3510	40.0	2	05/07/24	05/09/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (11.0')

		E405059-11					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg mg/kg Ana		Analyst: RKS			Batch: 2419035
Benzene	ND	0.0250		1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250		1	05/06/24	05/08/24	
Toluene	ND	0.0250		1	05/06/24	05/08/24	
o-Xylene	ND	0.0250		1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500		1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.1 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS			Batch: 2419035		
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.1 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	-	1	05/06/24	05/10/24	-
Oil Range Organics (C28-C36)	ND	50.0		1	05/06/24	05/10/24	
Surrogate: n-Nonane		90.9 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419088
Chloride	6240	100		5	05/07/24	05/09/24	



Carmo	ona Resources	Project Name:	RDX 17 -5	
310 W	est Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midla	nd TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (12'0) E405059-12

		E403037-12					
	D 1	Reporting			D 1		N.
Analyte	Result	Limit	Dilt	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Benzene	ND	0.0250		1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250		1	05/06/24	05/08/24	
Toluene	ND	0.0250		1	05/06/24	05/08/24	
o-Xylene	ND	0.0250		1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500		1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.5 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		96.4 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	ng/kg mg/kg Analyst: RKS			Batch: 2419035		
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.5 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		96.4 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0		1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/06/24	05/10/24	
Surrogate: n-Nonane		88.8 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419088
Chloride	5900	100		5	05/07/24	05/09/24	



Carmo	ona Resources	Project Name:	RDX 17 -5	
310 W	est Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midla	nd TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (13.0')

		E405059-13				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg Analyst: RKS			Batch: 2419035		
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		96.9 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		96.9 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: KM		Batch: 2419037		
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/10/24	
Surrogate: n-Nonane	·	91.6 %	50-200	05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2419088
Chloride	5540	100	5	05/07/24	05/09/24	



Carmo	ona Resources	Project Name:	RDX 17 -5	
310 W	Vest Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midla	nd TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (14.0')

		E405059-14					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Benzene	ND	0.0250		1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250		1	05/06/24	05/08/24	
Toluene	ND	0.0250		1	05/06/24	05/08/24	
o-Xylene	ND	0.0250		1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500		1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.7 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.7 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0		1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/06/24	05/10/24	
Surrogate: n-Nonane		92.2 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419088

100

5

05/07/24

05/09/24

6180



Chloride

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (15.0')

		E405059-15					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Benzene	ND	0.0250	1	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		98.0 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		98.3 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		98.0 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		98.3 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/06/24	05/10/24	
Surrogate: n-Nonane		163 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419088
Chloride	6570	100	5	5	05/07/24	05/09/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (20.0') E405059-16

		E403037-10					
Analyte	Result	Reporting Limit	Dilu	ıti om	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	шоп	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Benzene	ND	0.0250	1	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/06/24	05/10/24	
Surrogate: n-Nonane		92.5 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419088
Chloride	6060	100	5	5	05/07/24	05/09/24	



Carmo	ona Resources	Project Name:	RDX 17 -5	
310 W	Vest Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midla	nd TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (25.0')

		E405059-17					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Benzene	ND	0.0250		1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250		1	05/06/24	05/08/24	
Toluene	ND	0.0250		1	05/06/24	05/08/24	
o-Xylene	ND	0.0250		1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500		1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.8 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.8 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0		1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/06/24	05/10/24	
Surrogate: n-Nonane		92.1 %	50-200		05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419088
Chloride	2070	40.0		2	05/07/24	05/09/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-1 (30.0') E405059-18

		E403037-10					
Andre	Dl/	Reporting Limit	Dilu	 .	D	A a la a -1	Notes
Analyte	Result	Limit	Dilu	ilion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Benzene	ND	0.0250	1	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		98.5 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		98.5 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/06/24	05/10/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/06/24	05/10/24	
Surrogate: n-Nonane		94.1 %	50-200	·	05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419088
Chloride	38.9	20.0	1	1	05/07/24	05/09/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-2 (0-1') E405059-19

Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst		7 Hidiy Zed	Batch: 2419035
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	05/06/24	05/08/24	Batch: 2417033
Benzene Ethylbenzene	ND ND	0.0250		1	05/06/24	05/08/24	
Toluene	ND	0.0250		1	05/06/24	05/08/24	
o-Xylene	ND	0.0250		1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500		1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.3 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8		97.3 %	70-130		05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0		1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/06/24	05/10/24	
Surrogate: n-Nonane		91.3 %	50-200	·	05/06/24	05/10/24	·
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419088
Chloride	9210	200		10	05/07/24	05/09/24	



Carmona Resou	irces	Project Name:	RDX 17 -5	
310 West Wall	St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79	7701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

BH-2 (2.0') E405059-20

		E403037-20				
Andre	Dl/	Reporting		D 1	A I	Notes
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: RKS		Batch: 2419035
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		96.5 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2419035
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		96.5 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/10/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/10/24	
Surrogate: n-Nonane		91.2 %	50-200	05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2419088
Chloride	2810	40.0	2	05/07/24	05/09/24	



QC Summary Data

Carmona ResourcesProject Name:RDX 17 -5Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona5/10/2024 3:31:41PM

Midland TX, 79701		Project Manage	r: M	ike Carmona				5/1	10/2024 3:31:41PF
	V	olatile Organ	ic Compo	unds by El	PA 82601	В			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 (2419035-BLK1)							Prepared: 0	5/06/24 Anal	yzed: 05/07/24
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: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
LCS (2419035-BS1)							Prepared: 0	5/06/24 Anal	yzed: 05/09/24
Benzene	2.75	0.0250	2.50		110	70-130			
Ethylbenzene	2.56	0.0250	2.50		102	70-130			
Toluene	2.47	0.0250	2.50		98.8	70-130			
o-Xylene	2.61	0.0250	2.50		104	70-130			
p,m-Xylene	5.12	0.0500	5.00		102	70-130			
Total Xylenes	7.73	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			
Matrix Spike (2419035-MS1)				Source:	E405059-	03	Prepared: 0	5/06/24 Anal	yzed: 05/09/24
Benzene	2.69	0.0250	2.50	ND	108	48-131			-
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135			
Toluene	2.46	0.0250	2.50	ND	98.3	48-130			
o-Xylene	2.56	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.02	0.0500	5.00	ND	100	43-135			
Total Xylenes	7.58	0.0250	7.50	ND	101	43-135			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			
Matrix Spike Dup (2419035-MSD1)				Source:	E405059-	03	Prepared: 0	5/06/24 Anal	yzed: 05/09/24
Benzene	2.77	0.0250	2.50	ND	111	48-131	2.84	23	
Ethylbenzene	2.62	0.0250	2.50	ND	105	45-135	3.02	27	
Toluene	2.53	0.0250	2.50	ND	101	48-130	2.69	24	
o-Xylene	2.66	0.0250	2.50	ND	107	43-135	4.12	27	
p,m-Xylene	5.22	0.0500	5.00	ND	104	43-135	3.91	27	
Total Xylenes	7.89	0.0250	7.50	ND	105	43-135	3.98	27	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
C	0.501		0.500		100	70 120			



0.500

0.500

100

97.9

70-130

70-130

0.501

0.490

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 -5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 5/10/2024 3:31:41PM

	Nonhalogenated Organics by EPA 8015D - GRO											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			

Timily to	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419035-BLK1)							Prepared: 0:	5/06/24 Analy	vzed: 05/07/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
LCS (2419035-BS2)							Prepared: 0:	5/06/24 Analy	zed: 05/07/24
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			
Matrix Spike (2419035-MS2)				Source:	E405059-	03	Prepared: 0:	5/06/24 Analy	zed: 05/07/24
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			
Matrix Spike Dup (2419035-MSD2)				Source:	E405059-	03	Prepared: 0:	5/06/24 Analy	zed: 05/08/24
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130	3.00	20	
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			



QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 5/10/2024 3:31:41PM Midland TX, 79701 Project Manager: Mike Carmona

	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO		Analyst: KM		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2419037-BLK1)							Prepared: 0:	5/06/24 Analy	yzed: 05/09/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	45.3		50.0		90.5	50-200				
LCS (2419037-BS1)							Prepared: 0	5/06/24 Analy	yzed: 05/09/24	
Diesel Range Organics (C10-C28)	210	25.0	250		84.2	38-132				
Surrogate: n-Nonane	45.2		50.0		90.4	50-200				
LCS Dup (2419037-BSD1)							Prepared: 0	5/06/24 Analy	yzed: 05/09/24	
Diesel Range Organics (C10-C28)	211	25.0	250		84.3	38-132	0.207	20		
Surrogate: n-Nonane	44.5		50.0		89.0	50-200				



QC Summary Data

Carmona Resources	Project Name:	RDX 17 -5	Reported: 5/10/2024 3:31:41PM
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Mike Carmona	
	Anions by 1	EPA 300.0/9056A	Analyst: IY

		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 (2419088-BLK1)							Prepared: 0	5/07/24 Aı	nalyzed: 05/09/24
Chloride	ND	20.0							
LCS (2419088-BS1)							Prepared: 0	5/07/24 Aı	nalyzed: 05/09/24
Chloride	262	20.0	250		105	90-110			
LCS Dup (2419088-BSD1)							Prepared: 0	5/07/24 Aı	nalyzed: 05/09/24
Chlorido	263	20.0	250		105	90-110	0.250	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

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	05/10/24 15:31

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.



oject Manager:	Mike Ca	armona			Bill to: (if o	different)		Jim F	Raley							Work	Order Comment	1 of4_ s	
mpany Name:	Carmor	na Resources			Company	y Name:		Devo	n Ener	gy				Prog	ram: UST	PST PRP	rownfields	RC perfund	
dress:	310 W	Wall St Ste 500			Address:		5315 Buena Vista Dr							State of Project:					
ty, State ZIP:	Midland	i, TX 79701			City, Stat	e ZIP:		Carls	bad NI	M, 8822)			Reporting:Level II Level III ST/UST RRP Level IV					
		13-1992		Email	: jim.raley	1-11	om							Deliv	verables: E	DD 🗆	ADaPT 🗆 (Other:	
oject Name:		RDX 17-5		Turr	Around							ΔΝΔΙ	VSIS R	EQUEST			Pres	servative Codes	
oject Number:		2297		Routine	Rush	1	Pres. Code					AIVAL			TT	TT	None: NO		
oject Location		Eddy County, Nev	w Maxico	Due Date:			Code										Cool: Coo		
impler's Name:		MM	VIVIEXICO	Due Date.					MRO)								HCL: HC	HNO ₃ : HN	
)#:							50		+								H ₂ S0 ₄ : H ₂		
AMPLE RECEI	PT	Temp Blank:	Yes (No)	Wet Ice:	Ves	360	Parameters	<u>m</u>	8015M (GRO + DRO	0.0					1 1		H ₃ PO ₄ : H	•	
ceived Intact:		Yes No	Thermometer ID);		1	ıram	8021B	+0	Chloride 300.0							NaHSO ₄ :	NABIS	
oler Custody Seals	s:	Yes (N/A)	Correction Factor	or:			Pa	BTEX	(GR	lorid							Na ₂ S ₂ O ₃ :	NaSO ₃	
mple Custody Seal	als:	Yes (N/A)	Temperature Re	eading:	4°C			m	15M	ڻ ت			. 1		1 1			e+NaOH: Zn	
tal Containers:			Corrected Temp	erature:					Н 80								NaOH+As	corbic Acid: SAPC	
Sample Iden	ntification	n Date		Soil	Water	Grab/ Comp	# of Cont		垂								San	ple Comments	
BH-1 (0	0-1')	4/29/202	4	X		G	1	Х	X	X									
BH-1 (2	2.0')	4/29/202	4	X		G	1	X	х	X								2	
BH-1 (3	3.0')	4/29/202	4	X		G	1	×	Х	Х								3	
BH-1 (4		4/29/202	4	X		G	1	×	X	X								4	
BH-1 (5		4/29/202		X		G	1	X	х	Х								5	
BH-1 (6		4/29/202		X		G	1	×	X	Х								6	
BH-1 (7		4/29/202		X	-	G	1	×	X	Х									
BH-1 (8		4/29/202		X		G	1	×	X	X								8	
BH-1 (9		4/29/202		X	-	G	1	×	Х	Х					-			9	
BH-1 (1	10.0')	4/29/202	4	X		G	1	X	Х	Х								lo	

5/6/24 1100

Received by OCD: 7/9/2024 8:18:20 AM

Resources			Bill to: (if	different)		Jim R	aley								W	Vork O	rder (Comments
Vall St Ste 500			Company	Name:		Devo	n Ener	gy					Progra	am: UST	PST D	PRP [row	nfields RC perfund
			Address: 5			5315	Buena	Vista Dr	P					of Projec				
TX 79701			City, Stat	e ZIP:		Carls	bad NA	И, 88220					Report	ing:Leve	III Le	vel III	□st.	UST RRP Level IV
3-1992		Emai	l: jim.raley		om								Delive	rables: E	DD 🗆] .	ADaP	T Other:
										ANA	LYSIS	REQU	EST					Preservative Codes
				1	Pres.											T		None: NO DI Water: H ₂ O
	Marilan				Code				-									Cool: Cool MeOH: Me
	viexico	Due Date:					0		-									HCL: HC HNO ₃ : HN
IVIIVI		1					- MA											H ₂ SO ₄ : H ₂ NaOH: Na
Temp Blank	Vas No	Met Ice	Vas	No	eten	m	80	0.										H ₃ PO ₄ : HP
		A Property of the Control of the Con	163	140	ame	3021	+	300									9	NaHSO ₄ : NABIS
					Pa	EX	GRC	oride									오	Na ₂ S ₂ O ₃ : NaSO ₃
	Temperature Re	ading:	1400	C		B	SM (Chi										Zn Acetate+NaOH: Zn
	Corrected Temp	erature:					801											NaOH+Ascorbic Acid: SAPC
Date		Soil	Water	Grab/ Comp	# of Cont		ТРН											Sample Comments
4/29/2024		X		G	1	x	х	x				Y = -						- 11
4/29/2024		X		G	1	x	x	x										12
4/29/2024		X		G	1	×	х	X										13
4/29/2024		X		G	1	×	х	X										14
4/29/2024		X		G	1	x	X	х										15
4/29/2024		X		G	1	×	х	X										16
4/29/2024		Х		G	1	×	x	X										17
4/29/2024		X		G	1	×	×	x										18
4/29/2024		X		G	1	х	×	X										19
4/29/2024		X		G	1	X	X	X										20
	MM Temp Blank: Yes No Yes No N/A Yes No N/A Pate 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024	2297 Eddy County, New Mexico MM Temp Blank: Yes No Yes No Thermometer ID Yes No Temperature Re Corrected Temp Date 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024 4/29/2024	2297	2297	Routine	Rush Pres. Rush Pres. Rush Pres. Code	2297	Rush Pres. Code	Routine	Routine	Routine	Routine	Date Soil Water Grab/ Comp Cont Water Water Comp Cont Water Cont Water	Rush Rush	Pres. Code Code	Pres. Pres	2297	Pres. Pres

Printed: 5/7/2024 3:09:45PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Phone: (432) 813-6823 Email: mcarmona@carmonaresources.com Due Date: 05/10/24 17:00 (4 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler Date Logged In By: Keyliegh Hall to 05/10/24 17:00 (4 day TAT) Yes Carrier: Courier Yes Carrier: Courier Yes RDX 17-5 has been separated into must be not only the sample volume, WO	
Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler Yes Carrier: Courier Comments/Resolution RDX 17-5 has been separated into must be sample cooler. WO due to high sample volume, WO	
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6. Did the COC indicate standard TAT, or Expedited TAT? Yes RDX 17-5 has been separated into mu WO due to high sample volume, WO	
Sample Cooler WO due to high sample volume, WO	ltinle
	=
7 Was a samula analam manaiyad?	116
7. Was a sample cooler received? 8. If yes, was cooler received in good condition? Yes as follows: E405059/E405060. Time	
sampled is not documented on the CC	C by
9. Was the sample(s) received intact, i.e., not broken? Yes client.	
10. Were custody/security seals present?	
11. If yes, were custody/security seals intact?	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C	
Sample Container	
14. Are aqueous VOC samples present?	
15. Are VOC samples collected in VOA Vials? NA	
16. Is the head space less than 6-8 mm (pea sized or less)? NA	
17. Was a trip blank (TB) included for VOC analyses?	
18. Are non-VOC samples collected in the correct containers? Yes	
19. Is the appropriate volume/weight or number of sample containers collected? Yes	
Field Label	
20. Were field sample labels filled out with the minimum information:	
Sample ID? Yes	
Date/Time Collected? Yes	
Collectors name? Yes	
Sample Preservation	
21. Does the COC or field labels indicate the samples were preserved? No	
22. Are sample(s) correctly preserved? NA	
24. Is lab filteration required and/or requested for dissolved metals?	
Multiphase Sample Matrix	
26. Does the sample have more than one phase, i.e., multiphase?	
27. If yes, does the COC specify which phase(s) is to be analyzed? NA	
Subcontract Laboratory	
28. Are samples required to get sent to a subcontract laboratory?	
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	
Client Instruction	

Date

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

Report to:
Mike Carmona



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 17 -5

Work Order: E405060

Job Number: 01058-0007

Received: 5/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 5/13/24

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: 5/13/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E405060

Date Received: 5/6/2024 11:00:58AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2024 11:00:58AM, under the Project Name: RDX 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

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Michelle Golzales

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
BH-2 (3.0')	5
BH-2 (4.0')	6
BH-2 (5.0')	7
BH-2 (6.0')	8
BH-2 (7.0')	9
BH-2 (8.0')	10
BH-2 (9.0')	11
BH-2 (10.0')	12
BH-2 (11.0')	13
BH-2 (12.0')	14
BH-2 (13.0')	15
QC Summary Data	16
QC - Volatile Organics by EPA 8021B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc	21

Sample Summary

Carmona Resources	Project Name:	RDX 17 -5	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	Keporteu:
Midland TX, 79701	Project Manager:	Mike Carmona	05/13/24 13:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-2 (3.0')	E405060-01A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (4.0')	E405060-02A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (5.0')	E405060-03A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (6.0')	E405060-04A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (7.0')	E405060-05A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (8.0')	E405060-06A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (9.0')	E405060-07A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (10.0')	E405060-08A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (11.0')	E405060-09A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (12.0')	E405060-10A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (13.0')	E405060-11A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (14'0)	E405060-12A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.
BH-2 (15.0')	E405060-13A	Soil	04/29/24	05/06/24	Glass Jar, 4 oz.

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (3.0') E405060-01

		E405060-01				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.7 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		101 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2419131
Chloride	3180	40.0	2	05/08/24	05/10/24	

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (4.0')

E405060-02						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		101 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2419131
Chloride	3130	40.0	2	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (5.0')

E405060-03						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/07/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/07/24	
Toluene	ND	0.0250	1	05/06/24	05/07/24	
o-Xylene	ND	0.0250	1	05/06/24	05/07/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/07/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/07/24	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	05/06/24	05/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.7 %	70-130	05/06/24	05/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		102 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2419131
Chloride	4430	40.0	2	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (6.0')

E405060-04						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		101 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2419131
Chloride	3850	200	10	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (7.0')

		E405060-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		101 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: IY		Batch: 2419131
Chloride	3180	200	10	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (8.0')

		E405060-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		100 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2419131
Chloride	2270	200	10	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (9.0')

		E405060-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		100 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2419131
Chloride	1730	200	10	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (10.0')

		E405060-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		102 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2419131
Chloride	1240	40.0	2	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (11.0')

E40	150	/ 0	α
H.41	71	mu	-113

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.4 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	Analyst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/09/24	
Surrogate: n-Nonane		101 %	50-200	05/06/24	05/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2419131
Chloride	688	20.0	1	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (12.0')

		E405060-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.6 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/10/24	
Surrogate: n-Nonane		102 %	50-200	05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2419131
Chloride	722	40.0	2	05/08/24	05/10/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/13/2024 1:34:44PM

BH-2 (13.0')

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2419036
Benzene	ND	0.0250	1	05/06/24	05/08/24	
Ethylbenzene	ND	0.0250	1	05/06/24	05/08/24	
Toluene	ND	0.0250	1	05/06/24	05/08/24	
o-Xylene	ND	0.0250	1	05/06/24	05/08/24	
p,m-Xylene	ND	0.0500	1	05/06/24	05/08/24	
Total Xylenes	ND	0.0250	1	05/06/24	05/08/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2419036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.1 %	70-130	05/06/24	05/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2419038
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/10/24	
Surrogate: n-Nonane		103 %	50-200	05/06/24	05/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2419131
	561	20.0		05/08/24	05/10/24	·



QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 5/13/2024 1:34:44PM **Volatile Organics by EPA 8021B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2419036-BLK1) Prepared: 05/06/24 Analyzed: 05/07/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.52 8.00 94.1 70-130 LCS (2419036-BS1) Prepared: 05/06/24 Analyzed: 05/07/24 4.80 96.0 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.55 0.0250 5.00 91.1 70-130 4.75 0.0250 5.00 95.0 70-130 Toluene o-Xylene 4.65 0.0250 5.00 93.0 70-130 9.39 10.0 93.9 70-130 0.0500 p.m-Xvlene 93.6 70-130 14.0 15.0 Total Xylenes 0.0250 8.00 95.2 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.62 Matrix Spike (2419036-MS1) Source: E405060-03 Prepared: 05/06/24 Analyzed: 05/07/24 5.57 0.0250 5.00 ND 111 54-133 Benzene 5.25 ND 61-133 Ethylbenzene 0.0250 5.00 105 Toluene 5.50 0.0250 5.00 ND 110 61-130 ND 107 63-131 5.36 5.00 0.0250 o-Xylene p,m-Xylene 10.8 0.0500 10.0 ND 108 63-131 16.2 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.62 8.00 Matrix Spike Dup (2419036-MSD1) Source: E405060-03 Prepared: 05/06/24 Analyzed: 05/07/24

5.39

5.08

5 32

5.20

10.4

15.6

7.58

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

102

106

104

104

104

94.8

54-133

61-133

61-130

63-131

63-131

63-131

70-130

3.16

3.28

3 31

3.15

3.34

3.28

20

20

20

20

20

20



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 -5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 5/13/2024
 1:34:44PM

Midland TX, 79701		Project Manage	r: M	ike Carmona				5/	13/2024 1:34:44PM		
	Nor	Nonhalogenated Organics by EPA 8015D - GRO									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2419036-BLK1)							Prepared: 0	5/06/24 Ana	lyzed: 05/07/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.1	70-130					
LCS (2419036-BS2)							Prepared: 0	5/06/24 Ana	lyzed: 05/07/24		
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0		80.2	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.08		8.00		101	70-130					
Matrix Spike (2419036-MS2)				Source:	E405060-	03	Prepared: 0	5/06/24 Ana	lyzed: 05/08/24		
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.08		8.00		101	70-130					
Matrix Spike Dup (2419036-MSD2)				Source:	E405060-	03	Prepared: 0	5/06/24 Ana	lyzed: 05/08/24		
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130	2.69	20			

8.00

7.98

99.8

70-130

QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 5/13/2024 1:34:44PM Midland TX, 79701 Project Manager: Mike Carmona

·				ED 1 001 FF		/O.D.O.			
	Nonhal	Analyst: KM							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419038-BLK1)							Prepared: 0	5/06/24 Anal	yzed: 05/09/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.3		50.0		101	50-200			
LCS (2419038-BS1)							Prepared: 0	5/06/24 Anal	yzed: 05/09/24
Diesel Range Organics (C10-C28)	311	25.0	250		124	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			
LCS Dup (2419038-BSD1)							Prepared: 0	5/06/24 Anal	yzed: 05/09/24
Diesel Range Organics (C10-C28)	276	25.0	250		111	38-132	11.7	20	
Surrogate: n-Nonane	50.5		50.0		101	50-200			



Chloride

Chloride

LCS Dup (2419131-BSD1)

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	10 West Wall St. Suite 415 Project Numb			DX 17 -5 1058-0007 like Carmona			Reported: 5/13/2024 1:34:44PM		
Midiand 1A, 79701		Anions		Analyst: JM					
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2419131-BLK1)			mg/kg	mg/kg	%				nalyzed: 05/08/24
Chloride LCS (2419131-BS1)	ND	20.0					Prepared: 0	5/08/24 A	analyzed: 05/08/24

250

250

270

270

20.0

20.0

90-110

90-110

0.0155

Prepared: 05/08/24 Analyzed: 05/08/24

20

108

108

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 17 -5	
-	310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
	Midland TX, 79701	Project Manager:	Mike Carmona	05/13/24 13:34

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:	Mike Carmona					Bill to: (if different) Jim Raley						Page3 of4_ Work Order Comments									
Company Name:	Carmo	ona Resc	ources			Company	Name:		Devor	Ener	gy				Pro	Program: UST/PST PRP rownfields RC perfund					
Address:	310 W Wall St Ste 500			Address:			5315	Buena	Vista Dr					State of Project:							
City, State ZIP:	Midland, TX 79701			City, State	e ZIP:		Carlst	ad NN	Л, 88220				1	Or The second second			ST/UST RR	P Level IV			
Phone:	(432)	813-1992	2		Emai	I: jim.raley	jim.raley@dvn.com							Deliverables: EDD ADaPT Other:							
Project Name:			RDX 17-5		Tur	n Around							ANAL	YSIS RE	QUES	Т			Prese	rvative Codes	
Project Number:			2297		✓ Routine	Rush		Pres. Code											None: NO	DI Water: H ₂	
Project Location Sampler's Name:		Eddy	County, New I	Mexico	Due Date:			S		+ MRO)									Cool: Cool HCL: HC H ₂ SO ₄ : H ₂	MeOH: Me HNO ₃ : HN NaOH: Na	
SAMPLE RECEI	IPT	Ten	mp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	SRO	300.0								H ₃ PO ₄ : HP		
Received Intact:			es No	Thermometer ID				ıram	8021B	1+0	le 30							2	NaHSO4: NA	ABIS	
Cooler Custody Seals	ls:	Yes	N/A)	Correction Facto	on Factor:			P	втех	(GR	Chloride				- 1		1 1	ä	Na ₂ S ₂ O ₃ : Na	aSO ₃	
Sample Custody Sea	als:	Yes	(N/A)			4°C			m	15M	5								Zn Acetate+		
otal Containers:				Corrected Temp	erature:					TPH 8015M (GRO + DRO									NaOH+Asco	orbic Acid: SAPC	
Sample Iden	ntification	on	Date		Soil	Water	Grab/ Comp	# of Cont		E .									Samp	le Comments	
BH-2 (4/29/2024		Х		G	1	X	Х	X									1	
BH-2 (4			4/29/2024		Х		G	1	X	X	X		_			_				2	
BH-2 (4/29/2024		X		G	1	X	Х	X		+	-	-		\rightarrow	-		3	
BH-2 (6			4/29/2024		X	-	G	1	X	X	X	-	-	-	-	-		_		7	
BH-2 (4/29/2024		X		G	1	×	×	X	-	-		-		+++	+		6	
BH-2 (8			4/29/2024		X		G	1	×	×	×	-	-		_					1	
BH-2 (1			4/29/2024		X	-	G	1	×	×	×		_				-	-		8	
BH-2 (1			4/29/2024		X		G	1	×	X	x							_		q	
BH-2 (1			4/29/2024		X		G	1	×	x	×									lo	

5.3.24 2400

Page 181 of 255

Chain of Custody

Work Order No: <u>E405060</u>

JOD# 01058-0007

exico Due Da Yes No Wet hermometer ID: orrection Factor: emperature Reading:	Co Ad Co Email: jir Turn Ar		Name: ZIP: @dvn.co	Pres. Code	5315	n Energ Buena	ly Vista Dr 1, 88220		ANAL	YSIS RI	St. Re De	porting:Le	oject: evel II	T PRP	□row	T/UST RRP Level IV				
Yes No Wethermometer ID:	Ar Ci Email: jir Turn Ar utine ate:	ity, State m.raley(round	ZIP: @dvn.co	Pres.	5315	Buena	Vista Dr		ANAL	YSIS RI	St. Re De	porting:Le	oject: evel II	Level III	□sī	T/UST RRP Level IV				
Yes No Wethermometer ID:	Email: jir Turn Ar utine ate:	m.raley(cround	@dvn.co	Pres.					ANAL	YSIS RI	De	liverables				Other:				
Yes No Wethermometer ID:	Email: jir Turn Ar utine ate:	m.raley(cound Rush	@dvn.co	Pres.	Callsi	Jau Niv	1, 66220		ANAL	YSIS RI	De	liverables				Other:				
Yes No Wethermometer ID:	Turn Ar	round Rush		Pres.					ANAL	YSIS RI					1	7				
Yes No Wethermometer ID:	ate:	Rush					T		ANAL	YSIS RI	QUES	ST .			_	Preservative Codes				
Yes No Wethermometer ID:	ate:				-							1				Preservative Codes				
Yes No Wet hermometer ID: orrection Factor:		Yes						_			- 4					None: NO DI Water: H ₂ O				
hermometer ID: orrection Factor:	et Ice:	(Yes)				_										Cool: Cool MeOH: Me				
hermometer ID: orrection Factor:	et Ice:	Yes				ARO										HCL: HC HNO ₃ : HN				
hermometer ID: orrection Factor:	t Ice:	(Yes)		SI		BTEX 8021B TPH 8015M (GRO + DRO + MRO)	=		+		÷		- 1							H ₂ SO ₄ : H ₂ NaOH: Na
orrection Factor:		_	No	nete	11B		0.00	- 1						H ₃ PO ₄ : HP						
				Parameters	(802	\$	Chloride 300.0								HOLD	NaHSO ₄ : NABIS				
emperature Reading:	1	110		а.	BTEX	15)	lori						Ť	Na ₂ S ₂ O ₃ : NaSO ₃						
		40			ш.	15M	5									Zn Acetate+NaOH: Zn				
orrected Temperature:						Н 80	7									NaOH+Ascorbic Acid: SAPC				
S	oil \	Water	Grab/ Comp	# of Cont		T										Sample Comments				
)	X		G	1	×	х	X									- 11				
)	X		G	1											X	12				
)	X		G	1											X	13				
		X	X	X G X G	X G 1 X G 1	X G 1 X G 1	X G 1 X G 1	X G 1 X G 1	X G 1 X G 1	X G 1 X G 1	X G 1	X G 1 X G 1	X G 1 X G 1	X G 1 X G 1	X G 1 X G 1	X G 1 X X X X G 1 X X				

Printed: 5/7/2024 3:10:10PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Please: (42) \$13.4823		8				,		
Email: meanmono@commentecomerectors Due-Duize 65/1024 1/30 / day TAT) Chain of Curtody. (CDC). Li Does the number of samples per sampling site location match the COC Yes Yes New samples dropped of the yolient or earnier? Yes Yes New Sumples dropped of the yolient of carnier? Yes Yes Now The Court of Samples per sampling site location match the COC Yes Yes Now The Court of Samples (a. signature, date-times, requested analyses?) Yes Now The Court of Sample (a. signature, date-times, requested analyses?) Yes Now The Annual Time (TAT) Yes Yes Nample Court of Sample (a. signature) Yes Nample Court of Sample (a. signature) Yes Nample (a. signatur	Client:	Carmona Resources	Date Received:	05/06/24	11:00	W	ork Order ID:	E405060
Chain of Custody (CXC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC yes as the number of samples per sampling site location match the COC yes as the number of samples per sampling site location match the COC yes as the number of samples per served within bodied in the discussion. 3. New an all samples received within bodied in the discussion. 3. Eyes and samples received within bodied in the discussion. 3. Eyes are some held then, are of the third of this discussion. 3. Eyes are some less discussion and an ATAT or Expedited TAT? 4. Was a the follower received in good condition? 5. Was a sample cooler received in good condition? 6. Was the sample; received mine it, i.e., not horker? 10. Were cautody/security seals present? 11. Was the sample received on its or required. If samples are received will is. In immune of samples in sor required. If samples are received will is. In immune of samples in sor required. If samples are received will is. In immune of samples will be samples to the control of samples. If yes, were used yes have a sample for the present. 11. Was the sample received on the COC by Vasla? 12. Was the sample to present? 13. If no visible is, send I'll the emperature. Actual sample temperature. 14. Are agreeous VOC samples present? 14. Are agreeous VOC samples present? 15. Are VOC samples collected in VOC analyses? 16. Is the head spune less than 6-8 mm (pen sized or less)? 18. Are non-VOC samples collected in the correct continient? 19. It is a proprietal to give such as a sample to the analyses? 19. Ower field sample laber different than one phase, i.e., multiphase? 20. Does the cOC or field labels indicate the samples were preserved? 21. Joes the sample have more than one phase, i.e., multiphase? 22. Are samples to present bloometry expected by the client and if so who? 23. Are samples required to get sent to a subcontract laboratory? 24. Sate bill feature in bount or year in a subcontract laboratory? 25. We	Phone:	(432) 813-6823	Date Logged In:	05/06/24	11:07	L	ogged In By:	Keyliegh Hall
L. Does the sample of samples per sampling site location match the COC 3. Were samples dropped off by elicit or earrier? 4. Was the COC complete, i.e., signatures, deservitimes, requested analyses? 5. Were all samples review dwith holdings inter? 6. Were all samples review dwith holdings inter? 6. Did the COC indicate standard TAT, or Expedited TAT? 6. Did the COC indicate standard TAT, or Expedited TAT? 6. Did the COC indicate standard TAT, or Expedited TAT? 6. Was a sample cooler received? 7. Was a sample cooler received in good condition? 8. If yes, was cooler received in good condition? 9. Was the sample's present? 10. Were custody-Security seals instanc? 11. If yes, were categody-Security seals instanc? 12. Was the sample's review of instal, i.e., not broken? 13. If no visible ize, recent the temperature. 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA VIat? 16. Is the host agree sets thin 6-8 mm peas sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume-wight or number of sample containers collected? 19. Is the propriate volume-wight or number of sample containers collected? 19. Is the propriate volume-wight or number of sample containers collected? 19. It was a trip blank (TB) included for VOC analyses? 19. Were field sample labels filled out with the minimum information. 19. It is the propriate volume-wight or number of sample containers collected? 19. It is the propriate volume-wight or number of sample containers or labels filled out with the minimum information. 19. It is the propriate volume-wight or number of sample containers or labels filled out with the minimum information. 19. It is the propriate volume-wight or number of sample containers or labels filled out with the minimum information. 19. It is the propriate of the propriate that the propriate in the correct preserved? 20. Were field sample have more than one plase, i.e., multiplase? 21. It is a sample correct	Email:	mcarmona@carmonaresources.com	Due Date:	05/10/24	17:00 (4 day TAT)			
2. Does the number of samples per sampling site location match the COC week. Were all samples of Physicians or carrier? 4. Was the COC complete, i.e., signatures, dates witnes, requested analyses? 5. Were all samples reviewed with a bolding sime? 5. Were all samples reviewed with a bolding sime? 6. Did the COC to findest standard TAT, or Expedited TAT? 5. Bold the COC to findest standard TAT, or Expedited TAT? 5. Was a sample cooler received? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 8. Tyes, was costeroid wise this passen? 8. No were custody/security seals situac? 12. We the sample consecutive seals situac? 12. We the sample serviced via experiment. 13. If no visible ice, record die temperature. 14. Are aqueous VOC samples collected in VOA Vials? 15. Are VOC samples collected in VOA Vials? 16. If the head space less than 6-8 mm (pas sized or less)? 17. Was a site plank (TB) included for VOC analyses? 18. Are no-VOC samples collected in VOA Vials? 18. Are no-VOC samples collected in VOA Vials? 18. Are no-VOC samples collected in VOA Vials? 18. Are no-VOC comples collected in VOA Vials? 18. Are no-VOC samples collected in VOA Vials? 18. Are no-VOC comples collected in VOA Vials? 18. Are no-VOC collecters name? 18. Are no-VOC collecter	Chain of	Custody (COC)						
3. Were surples dropped off by client or earrier? 4. Ware the COC complexe, i.e., signatures, educations, requested analyses? 5. Were all samples received within holding into? 5. Were all samples received within holding into? 6. Did the COC indicate mandard TAT, or Expedited TAT? 6. Did the COC indicate mandard TAT, or Expedited TAT? 8. If yes, was cooler received in good condition? 9. Yes 8. If yes, was cooler received in good condition? 9. Was a sample cooler received in good condition? 9. Was the sample for received in good condition? 9. Was the sample for received in good condition? 9. Was the sample for received in good condition? 10. Were caustody/security seals intate? 11. If yes, were custody/security seals intate? 12. Was the sample received in its of 11 yes, the received in large in the properties of the properties in an expense of sample in properties. 13. If no visible ice, record the temperature. Actual sample temperature: \$\frac{1}{2}\text{C}\$ 8. And Comment CIB included for the correct containers of less? 14. Are agrous VOC samples present? 14. Are agrous vOC samples collected in the correct containers of less? 15. Are VOC samples collected in the correct containers of less? 16. Is the lead space less than 6-fs mm (pea sized or less)? 18. Are non-VOC samples collected in the correct containers of less of the lead space less than 6-fs mm (pea sized or less)? 19. Like appropriate volume/weight or number of sample containers collected? 19. Like appropriate volume/weight or number of sample containers collected? 19. Like appropriate volume/weight or number of sample containers collected? 19. Like appropriate collected in the correct containers? 19. Like appropriate volume/weight or number of sample containers collected? 19. Like appropriate collected in the correct containers collected? 19. Like appropriate volume/weight or number of sample containers collected? 19. Like appropriate volume/weight or number of sample containers collected? 20. Like appropriate volume/weig		•		Yes				
4. Was the COC complexe, i.e., signatures, datastimes, requested analyses? 5. Were all samples received within holding sime? 5. Were all samples received within holding sime? 5. Were all samples received within holding sime? 5. Wes a sample conder received? 7. Was a sample conder received? 7. Was a sample conder received in good condition? 7. Was a sample conder received in good condition? 7. Was a sample conder received in good condition? 8. Tyes, was conder received in good condition? 8. Tyes, was conder received in good condition? 9. Was the sample for received in good condition? 10. Were custody/security seals primage? 11. If yes, was conder received in seal of yes, the accorded temp is 4°C, i.e., 6°12°C. 12. Was the sample received in seal of yes, the accorded temp is 4°C, i.e., 6°12°C. 13. If no visible i.e., record the temperature. Actual sample temperature: \$\frac{\chicket}{\chicket}\$ 15. Are VOC samples collected in VOA Visib? 16. Is the head space less than 6.8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC unalyses? 18. Are no-VOC samples collected in VOA Visib? 19. Is the appropriate volune-weight or number of sample containers? 19. Is the appropriate volune-weight or number of sample containers? 19. Is the appropriate volune-weight or number of sample containers? 19. Is the appropriate volune-weight or number of sample containers? 19. Is the appropriate volune-weight or number of sample containers? 19. Is the appropriate volune-weight or number of sample containers? 19. Is the appropriate volune-weight or number of sample containers? 19. The volune of the correct voluntainers? 19. The volune of the correct voluntainers? 19. The volune of the correct voluntainers? 20. Does the CoC or field labels indicate the samples were preserved? 21. Were field sample above than one phase, i.e., multiphase? 22. Are samples of the volune proper voluntainers and the voluntainers an	2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
5. Were all samples received within holding time? Note: Amplies, and has plf which should be conducted in the field, be, 15 minute hold time, are not included in this discussion. Sample Trunt Arround Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 8. If yes, was cooler received in good condition? 9. Was the sample's preceived much, i.e., not broken? 10. Were caustody-security seals present? 10. Were caustody-security seals present? 11. If yes, were used only-security as last inter? 12. Was a formal preceived on left If yes, the recorded tump is 4°C, i.e., 6°20°C 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Condition: 14. Are aqueous VOC samples collected in VOA Valis? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was at rip blank (IB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 22. Are sample collected? 22. Are sample concept pairs environment of size of dissolved metals? 23. Is the liftenion required and/or requested for dissolved metals? 24. Is the liftenion required and/or requested for dissolved metals? 25. Lobes the COC or field labels indicate the samples were preserved? 26. Does the sample have more than one plane, i.e., multiplane? 27. If yes, does the COC specify which plane(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? 29. Was a subcontract Laboratory specified by the client and if so who? No. Subcontract Laboratory specified by the client and if so who? No. Subcontract Laboratory specified by the client and if so who? No. Subcontract Laboratory specified by the client and if so who? No. Subcontract Laboratory specified by the client and if so who? No. Subcontract Laboratory specified b	3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
Note: Analysis, such as plf wish: should be conducted in the field, i.e., 15 minus bold time, are not included in this discussion. Sample True Around Time (TAT) O. Both the COC indicates standard TAT, or Expedited TAT? Yes Sample Cooler received in good condition? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample(so) received in good condition? Yes 10. Were caudos/yescurity seals intact? No. Unwere caudos/yescurity seals intact? No. Unwere caudos/yescurity seals intact? No. The main greseration is not required, if samples are received wit 15 minutes of sampling 13. If no visible ice, record the temperature: 4°C Sample Container. A. Are a queous VOC samples present? No. The non-VOC samples collected in VOA Vals? No. The non-VOC samples collected in the correct containers? Yes Sample Container. Sample Diff in the correct containers? Yes Collectors name? Yes Sample ID? Sample Collected? Yes Collectors name? Yes Sample ID? Sample Diff in collected? Yes Collectors name? Yes Sample ID? A. Are a queous observed with the minimum information: Sample ID? Sample Droveration. 12. Does the COC or field labels indicate the samples were preserved? No Multiphase Sample have more than one phase, i.e., multiphase? No Multiphase Sample have more than one phase, i.e., multiphase? No Subcontract Laboratory No Sub	4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
RDX 17-5 has been separated into multiple Wo due to high sample volume, Wo are as maple cooler received? Yes No a sample cooler received? Yes If yes, was cooler received in good condition? Yes If yes, were custody/security seals intact? No No No If yes, were custody/security seals intact? No No No If yes, were custody/security seals intact? No No No No If yes, the recorded temperature. Actual sample temperature: Actual sample received in ice? If yes, the recorded temperature: Actual sample sample collected in YOA Vials? No	5. Were al	Note: Analysis, such as pH which should be conducted in	•	Yes			<u>Comment</u>	s/Resolution
Sample Cooler 7. Was a sample cooler received? 7. Was a sample cooler received? 9. Was the sample(s) received in good condition? 9. Was the sample(s) received intact, i.e., not horken? 10. Were custody/security seals intact? 12. Was the sample received in ince? If yes, the recorded temp is \$^{*}C, i.e., 0^{*}12^{*}C} Note: Themal preservation in not required, if samples are received will 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aquoous VOC samples present? 15. Are VOC samples collected in tOA Vials? 18. Are non-VOC samples collected in the correct containers? 19. Is the purpopriate volume/weight or number of sample containers collected? 19. Bate purpopriate volume/weight or number of sample containers collected? 19. Sample IP: 20. Were field sample labels filled out with the minimum information: 8 Sample IP: 21. Does the COC or field labels indicate the samples were preserved? No. 22. Are samples correctly preserved? Alt is label filteration required and/or requested for dissolved metals? No. Maltiphase Sample Martrix. 26. Does the sample have more than one phase, i.e., multiphase? 27. If yee, does the COC or field laberstory specified by the client and if so who? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the client and if so who? No. Subcontract Lab: NA Wood us to high sample as follows: E405059/E405060. Time sampled is not documented on the COC by client. Wood and the country of the sampled is not documented on the COC by client. Wood us to high sampled is not documented on the COC by client. Wood us to high sampled is not documented on the COC by client. Wood us to high sampled is not documented on the COC by client. Wood us to high sampled is not documented on the COC by client. Wood us to high sampled is not documented on the COC by client. Wood us to high sampled is not documented on the COC by client. Wood us to h	Sample T	urn Around Time (TAT)						
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Date

Report to:
Mike Carmona



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 17 -5

Work Order: E406131

Job Number: 01058-0007

Received: 6/14/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/18/24

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: 6/18/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E406131

Date Received: 6/14/2024 7:45:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2024 7:45:00AM, under the Project Name: RDX 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
R360 Stockpile Sample #1	5
R360 Stockpile Sample #2	6
QC Summary Data	7
QC - Volatile Organic Compounds by EPA 8260B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Γ	Carmona Resources	Project Name:	RDX 17 -5	D4-J.
١	310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
l	Midland TX, 79701	Project Manager:	Mike Carmona	06/18/24 12:36

Client Sample ID	Lab Sample ID Matrix	Sampled I	Received	Container
R360 Stockpile Sample #1	E406131-01A Soil	06/10/24	06/14/24	Glass Jar, 2 oz.
R360 Stockpile Sample #2	E406131-02A Soil	06/10/24	06/14/24	Glass Jar, 2 oz.



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/18/2024 12:36:25PM

R360 Stockpile Sample #1 E406131-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: BA			Batch: 2424098
Benzene	ND	0.0250		1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250		1	06/14/24	06/15/24	
Toluene	ND	0.0250		1	06/14/24	06/15/24	
o-Xylene	ND	0.0250		1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500		1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250		1	06/14/24	06/15/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		06/14/24	06/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/14/24	06/15/24	
Surrogate: Toluene-d8		101 %	70-130		06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2424098
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/14/24	06/15/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		06/14/24	06/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/14/24	06/15/24	
Surrogate: Toluene-d8		101 %	70-130		06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2424094
Diesel Range Organics (C10-C28)	ND	25.0		1	06/14/24	06/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/14/24	06/15/24	
Surrogate: n-Nonane		93.4 %	50-200		06/14/24	06/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2424101
	444	200		10	06/14/24	06/15/24	



 Carmona Resources
 Project Name:
 RDX 17 - 5

 310 West Wall St. Suite 415
 Project Number:
 01058-0007
 Reported:

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 6/18/2024 12:36:25PM

R360 Stockpile Sample #2

E406131-02

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA		BA		Batch: 2424098
Benzene	ND	0.0250	1	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	l	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	l	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	l	06/14/24	06/15/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		06/14/24	06/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/14/24	06/15/24	
Surrogate: Toluene-d8		100 %	70-130		06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2424098
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/14/24	06/15/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		06/14/24	06/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/14/24	06/15/24	
Surrogate: Toluene-d8		100 %	70-130		06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2424094
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/14/24	06/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[06/14/24	06/15/24	
Surrogate: n-Nonane		97.1 %	50-200		06/14/24	06/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2424101
· · · · · · · · · · · · · · · · · · ·	448	200	1		06/14/24	06/15/24	



Matrix Spike (2424098-MS1)

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

2.57

2.52

2.46

2.54

4.85

7.39

0.508

0.496

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 6/18/2024 12:36:25PM Volatile Organic Compounds by EPA 8260B Analyst: BA Source Reporting Spike Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2424098-BLK1) Prepared: 06/14/24 Analyzed: 06/15/24 ND 0.0250 Ethylbenzene ND 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.493 0.500 98.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.508 0.500 102 70-130 0.500 101 70-130 Surrogate: Toluene-d8 0.504 LCS (2424098-BS1) Prepared: 06/14/24 Analyzed: 06/15/24 2.38 0.0250 2.50 95.3 70-130 Benzene 2.37 2.50 94.8 70-130 0.0250 Ethylbenzene Toluene 2.29 0.0250 2.50 91.6 70-130 2.36 2.50 94.4 70-130 o-Xylene 0.0250 90.9 4.55 5.00 70-130 p,m-Xylene 0.0500 6.91 0.0250 7.50 92.1 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.493 0.500 98.5 70-130 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.517 Surrogate: Toluene-d8 0.500 70-130 0.495

Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			
Matrix Spike Dup (2424098-MSD1)				Source:	E406127-0	03	Prepared: 06	5/14/24 Analy	yzed: 06/15/24
Benzene	2.44	0.0250	2.50	ND	97.6	48-131	5.27	23	
Ethylbenzene	2.42	0.0250	2.50	ND	96.8	45-135	3.95	27	
Toluene	2.34	0.0250	2.50	ND	93.7	48-130	4.79	24	
o-Xylene	2.45	0.0250	2.50	ND	97.9	43-135	3.83	27	
p,m-Xylene	4.70	0.0500	5.00	ND	93.9	43-135	3.18	27	
Total Xylenes	7.14	0.0250	7.50	ND	95.2	43-135	3.40	27	
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			

0.500

0.500

2.50

2.50

2.50

2.50

5.00

7.50

Source: E406127-03

103

101 98.3

102

96.9

98.5

102

99.2

ND

ND

ND

ND

ND

ND

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

Prepared: 06/14/24 Analyzed: 06/15/24

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 -5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 6/18/2024 12:36:25PM

Anal	vst.	RA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2424098-BLK1)							Prepared: 06	5/14/24 Analy	yzed: 06/15/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
LCS (2424098-BS2)							Prepared: 00	5/14/24 Analy	yzed: 06/15/24
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.5	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			
Matrix Spike (2424098-MS2)				Source:	E406127-	03	Prepared: 06	5/14/24 Analy	yzed: 06/15/24
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
Matrix Spike Dup (2424098-MSD2)				Source:	E406127-	03	Prepared: 06	5/14/24 Analy	yzed: 06/15/24
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.3	70-130	2.77	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 -5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 6/18/2024 12:36:25PM

Wildiand 12, 75701		1 Toject Wanage		ike Carmona				0, 1	5,2021 12.50.2511
	Nonha	logenated Or	ganics 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 (2424094-BLK1)							Prepared: 0	6/14/24 Anal	yzed: 06/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			
LCS (2424094-BS1)							Prepared: 0	6/14/24 Anal	yzed: 06/15/24
Diesel Range Organics (C10-C28)	237	25.0	250		94.8	38-132			
Surrogate: n-Nonane	45.3		50.0		90.7	50-200			
Matrix Spike (2424094-MS1)				Source:	E406129-	01	Prepared: 0	6/14/24 Anal	yzed: 06/15/24
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132			
Surrogate: n-Nonane	46.8		50.0		93.5	50-200			
Matrix Spike Dup (2424094-MSD1)				Source:	E406129-	01	Prepared: 0	6/14/24 Anal	yzed: 06/15/24
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.3	38-132	1.42	20	
Surrogate: n-Nonane	47.6		50.0		95.3	50-200			

QC Summary Data

Carmona Resources	Project Name:	RDX 17 -5	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	•
Midland TX, 79701	Project Manager:	Mike Carmona	6/18/2024 12:36:25PM

Anions by EPA 300.0/9056A								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 (2424101-BLK1)							Prepared: 0	6/14/24 An	alyzed: 06/14/24		
Chloride	ND	20.0									
LCS (2424101-BS1)							Prepared: 0	6/14/24 An	alyzed: 06/14/24		
Chloride	247	20.0	250		98.8	90-110					
Matrix Spike (2424101-MS1)				Source:	E406129-	03	Prepared: 0	6/14/24 An	alyzed: 06/15/24		
Chloride	276	100	250	ND	110	80-120					
Matrix Spike Dup (2424101-MSD1)				Source:	E406129-	03	Prepared: 0	6/14/24 An	alyzed: 06/15/24		
Chloride	268	100	250	ND	107	80-120	2.86	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

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	06/18/24 12:36

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.



Received by OCD: 7/9/2024 8:18:20 AM

Chain of Custody

Work Order No: E406 31

Project Manager:	Mike Car	mona				Bill to: (if	different)		Jim R	Raley									Work	Order	Comments	
Company Name:	Carmona	Resou	ırces			Company	Name:		Devo	n Ener	gy					Program: UST/PST PRP rownfields RC perfund						
Address:	310 W W	Vall St S	Ste 500			Address:			5315	Buena	Vista D)r				State	of Proj	ect:				
City, State ZIP:	Midland,	TX 797	01			City, Stat	e ZIP:		Carls	bad Ni	M. 8822	0				Reporting:Level II Level III ST/UST RRP Level IV						
Phone:	(432) 813				Emai	: jim.raley		om								Deliverables: EDD ADaPT Other:						
Project Name:			RDX 17-5		Turi	Around							A	NALYS	SIS RE	EQUEST Preservative C			ative Codes			
Project Number:			2297		☑ Routine	Rush	1	Pres. Code		0											None: NO	DI Water: H ₂ O
Project Location		Eddy C	County, New	Mexico	Due Date:																Cool: Cool	MeOH: Me
Sampler's Name:			JM							RO)											HCL: HC	HNO ₃ : HN
PO #:			21308298					2		¥	1								- 1		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT	Tem	p Blank:	Yes No	Wet Ice:	Yes	No	Parameters	8	DRO	0.0										H₃PO₄: HP	
Received Intact:		Yes	No	Thermometer ID):			ram	802	802	е 30				-1						NaHSO4: NAE	BIS
Cooler Custody Seal	s:	Yes	No N/A	Correction Factor	or:			- A	BTEX 8021B		Chloride 300.0										Na ₂ S ₂ O ₃ : NaS	O ₃
Sample Custody Sea	als:	Yes	N/A	Temperature Re	eading:	9		5										Zn Acetate+N				
Total Containers:				Corrected Temp	perature:											NaOH+Ascort	oic Acid: SAPC					
Sample Ide	ntification		Date		Soil	Water	Grab/ Comp	# of Cont		Į.											Sample	Comments
R360 Stockpile	e Sample	#1	6/10/2024		X		С	1	х	x	×		- 1									1
R360 Stockpile	e Sample	#2	6/10/2024		X		С	1	x	×	×											2
															= // =							
												4										
Comments: Emai	I to Mike	Carmo	na / Mcarmo	ona@carmona	resources.com	n and Co	nner Mo	ehring /	Cmo	ehrin	g@car	monar	esour	ces.co	m							
N .		P	elinguished l	y: (Signature)					Date/	Time					Re	ceived b	y: (Siar	nature)				Date/Time
1 1		1	2	y. (5.8.161615)			-	6 13			45	lus	1.10	1, 6	1.0		- 1-0				10	13-24 1045
M tichelle Gonerdes					(0.13		15		000		1	ZV							3.24 /8			

Printed: 6/14/2024 2:09:37PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/14/24	07:45	,	Work Order ID:	E406131
Phone:	(432) 813-6823	Date Logged In:	06/14/24	07:51		Logged In By:	Raina Schwanz
Email:	mcarmona@carmonaresources.com	Due Date:		17:00 (4 day TAT)		gg	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in	the field,	Yes				
	i.e, 15 minute hold time, are not included in this disucssion	on.		Г		Comment	ts/Resolution
·	Curn Around Time (TAT) © COC indicate standard TAT, or Expedited TAT?		Yes		Sampled tin	nes not docu	mented on COC by
Sample C	<u>Cooler</u>				client.		
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?						
•	e sample received on ice? If yes, the recorded temp is 4°C,	:- 601200	NA				
	Note: Thermal preservation is not required, if samples are minutes of sampling	e received w/i 15	Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°	<u>C</u>				
Sample C	<u>Container</u>						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers'	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info ample ID?	rmation:	Yes				
	rate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample P	reservation						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	se Sample Matrix						
_	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
	act Laboratory						
	amples required to get sent to a subcontract laborator	ers ?	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	NIA		
		so who:	INA	Subcontract Lab); NA		
Client Ir	<u>istruction</u>						
							0
Signat	ure of client authorizing changes to the COC or sample dis-	position.			Date		envirotech Ir

Report to:
Mike Carmona





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 17 -5

Work Order: E406132

Job Number: 01058-0007

Received: 6/14/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/19/24

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: 6/19/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E406132

Date Received: 6/14/2024 7:45:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2024 7:45:00AM, under the Project Name: RDX 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Laboratory Technical Representative Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

Michelle Golzales

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 (2.5')	6
CS-2 (2.5')	7
CS-3 (2.5')	8
CS-4 (2.5')	9
CS-5 (2.5')	10
CS-6 (2.5')	11
CS-7 (4.5')	12
CS-8 (4.5')	13
SW-1 (2.5')	14
SW-2 (2.5')	15
SW-3 (2.5')	16
SW-4 (2.5')	17
SW-5 (2.5')	18
SW-6 (2.5')	19
SW-7 (2.5')	20
SW-8 (2.5')	21
SW-9 (2.5')	22
SW-10 (4.5')	23
SW-11 (4.5')	24
SW-12 (4.5')	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

Carmona Resources	Project Name:	RDX 17 -5	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	Keporteu:
Midland TX, 79701	Project Manager:	Mike Carmona	06/19/24 10:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 (2.5')	E406132-01A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
CS-2 (2.5')	E406132-02A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
CS-3 (2.5')	E406132-03A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
CS-4 (2.5')	E406132-04A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
CS-5 (2.5')	E406132-05A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
CS-6 (2.5')	E406132-06A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
CS-7 (4.5')	E406132-07A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
CS-8 (4.5')	E406132-08A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-1 (2.5')	E406132-09A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-2 (2.5')	E406132-10A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-3 (2.5')	E406132-11A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-4 (2.5')	E406132-12A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-5 (2.5')	E406132-13A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-6 (2.5')	E406132-14A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-7 (2.5')	E406132-15A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-8 (2.5')	E406132-16A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-9 (2.5')	E406132-17A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-10 (4.5')	E406132-18A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-11 (4.5')	E406132-19A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.
SW-12 (4.5')	E406132-20A	Soil	06/12/24	06/14/24	Glass Jar, 4 oz.



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

CS-1 (2.5') E406132-01

		E406132-01					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2424099	
Benzene	ND	0.0250	1	06/14/24	06/15/24		
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24		
Toluene	ND	0.0250	1	06/14/24	06/15/24		
o-Xylene	ND	0.0250	1	06/14/24	06/15/24		
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24		
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24		
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	06/14/24	06/15/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	06/14/24	06/15/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2424105	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24		
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24		
Surrogate: n-Nonane		103 %	50-200	06/14/24	06/17/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2424102	
Chloride	120	100	5	06/14/24	06/17/24		

Chloride

Sample Data

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

CS-2 (2.5')

E406132-02						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
o,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	224	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	136	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		101 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2424102

20.0

06/14/24

06/17/24

1010



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

CS-3 (2.5')

E406132-03						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	128	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	80.3	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		98.5 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2424102
Chloride	3980	40.0	2	06/14/24	06/17/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

CS-4 (2.5')

		E406132-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	154	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	87.5	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		100 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2424102
Chloride	4150	40.0	2	06/14/24	06/17/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

CS-5 (2.5')

		E406132-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		102 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2424102
Chloride	ND	200	10	06/14/24	06/17/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

CS-6 (2.5')

E406132-06						
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	94.8	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	73.3	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		96.4 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2424102
Chloride	804	20.0	1	06/14/24	06/17/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

CS-7 (4.5')

E406132-07	

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	06/14/24	06/15/24	
	mg/kg	95.0 % mg/kg	70-130 Analyst		06/15/24	Batch: 2424105
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg ND				06/15/24	Batch: 2424105
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)		mg/kg		: NV		Batch: 2424105
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	mg/kg 25.0		06/14/24	06/17/24	Batch: 2424105
Surrogate: 1-Chloro-4-fluorobenzene-FID Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) Surrogate: n-Nonane Anions by EPA 300.0/9056A	ND	mg/kg 25.0 50.0	Analyst 1 1	06/14/24 06/14/24 06/14/24	06/17/24 06/17/24	Batch: 2424105 Batch: 2424102



Chloride

Sample Data

Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

CS-8 (4.5')

	E406132-08						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2424099	
Benzene	ND	0.0250	1	06/14/24	06/15/24		
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24		
Toluene	ND	0.0250	1	06/14/24	06/15/24		
o-Xylene	ND	0.0250	1	06/14/24	06/15/24		
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24		
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24		
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	06/14/24	06/15/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	06/14/24	06/15/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2424105	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24		
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24		
Surrogate: n-Nonane		100 %	50-200	06/14/24	06/17/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: JM		Batch: 2424102	

200

ND

10

06/14/24

06/17/24



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-1 (2.5')

		E406132-09				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	75.7	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	55.8	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		96.6 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2424102
Chloride	5430	100	5	06/14/24	06/17/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-2 (2.5')

		E406132-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		111 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2424102
Chloride	23.2	20.0	1	06/14/24	06/17/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-3 (2.5')

		E406132-11				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	28.8	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		111 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2424102
Chloride	25.8	20.0	1	06/14/24	06/17/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-4 (2.5')

		E406132-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	109	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	75.4	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		98.3 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2424102
Chloride	3330	40.0	2	06/14/24	06/17/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-5 (2.5')

		E406132-13				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
o,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	185	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	142	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		103 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2424102
Chloride	1660	20.0	1	06/14/24	06/18/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-6 (2.5')

E406132-14						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg mg/kg Analy		Analyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		106 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2424102
Chloride	660	100	5	06/14/24	06/18/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-7 (2.5')

		E406132-15				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
o,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		94.7 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2424102
Chloride	753	100	5	06/14/24	06/18/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-8 (2.5')

		E406132-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg mg/kg Analyst: IY			Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		103 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2424102
Chloride	700	200	10	06/14/24	06/18/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-9 (2.5')

		E406132-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	202	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	174	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		104 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2424102
Chloride	2760	40.0	2	06/14/24	06/18/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-10 (4.5')

		E406132-18							
Reporting									
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2424099			
Benzene	ND	0.0250	1	06/14/24	06/15/24				
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24				
Toluene	ND	0.0250	1	06/14/24	06/15/24				
o-Xylene	ND	0.0250	1	06/14/24	06/15/24				
p,m-Xylene	ND	0.0500	1	06/14/24	06/15/24				
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24				
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/14/24	06/15/24				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2424099			
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24				
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	06/14/24	06/15/24				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2424105			
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24				
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24				
Surrogate: n-Nonane		108 %	50-200	06/14/24	06/17/24				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2424102			
Chloride	31.7	20.0	1	06/14/24	06/18/24	·			



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-11 (4.5')

		E406132-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2424099
Benzene	ND	0.0250	1	06/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06/14/24	06/15/24	
Toluene	ND	0.0250	1	06/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06/14/24	06/15/24	
o,m-Xylene	ND	0.0500	1	06/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	06/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2424105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/24	06/17/24	
Surrogate: n-Nonane		106 %	50-200	06/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2424102
Chloride	22.7	20.0	1	06/14/24	06/18/24	



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/19/2024 10:27:19AM

SW-12 (4.5')

E40		

		Reporting					
Analyte	Result	Limit	Diluti	ion Pre	epared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	analyst: IY			Batch: 2424099
Benzene	ND	0.0250	1	06	/14/24	06/15/24	
Ethylbenzene	ND	0.0250	1	06.	/14/24	06/15/24	
Toluene	ND	0.0250	1	06.	/14/24	06/15/24	
o-Xylene	ND	0.0250	1	06.	/14/24	06/15/24	
p,m-Xylene	ND	0.0500	1	06.	/14/24	06/15/24	
Total Xylenes	ND	0.0250	1	06.	/14/24	06/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	06.	/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY			Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06.	/14/24	06/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	06.	/14/24	06/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV			Batch: 2424105
Diesel Range Organics (C10-C28)	ND	25.0	1	06.	/14/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06.	/14/24	06/17/24	
Surrogate: n-Nonane		114 %	50-200	06.	/14/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: JM			Batch: 2424102
Chloride	24.8	20.0	1	06.	/14/24	06/18/24	



QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 6/19/2024 10:27:19AM **Volatile Organics by EPA 8021B** Analyst: IY RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2424099-BLK1) Prepared: 06/14/24 Analyzed: 06/15/24 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.51 8.00 93.9 70-130 LCS (2424099-BS1) Prepared: 06/14/24 Analyzed: 06/15/24 4.86 5.00 97.2 70-130 0.0250 Benzene Ethylbenzene 4.67 0.0250 5.00 93.3 70-130 4.79 95.7 70-130 0.0250 5.00 Toluene 93.2 70-130 o-Xylene 4.66 0.0250 5.00 9.47 0.0500 10.0 94.7 70-130 p,m-Xylene 94.2 70-130 14.1 0.0250 15.0 Total Xylenes 70-130 8.00 93.8 Surrogate: 4-Bromochlorobenzene-PID 7.50

Matrix Spike (2424099-MS1)				Source:	E406132-	02	Prepared: 06/14/24 Analyzed: 06/15/24
Benzene	4.62	0.0250	5.00	ND	92.4	54-133	
Ethylbenzene	4.41	0.0250	5.00	ND	88.1	61-133	
Toluene	4.54	0.0250	5.00	ND	90.8	61-130	
o-Xylene	4.42	0.0250	5.00	ND	88.3	63-131	
p,m-Xylene	8.94	0.0500	10.0	ND	89.4	63-131	
Total Xylenes	13.4	0.0250	15.0	ND	89.1	63-131	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130	

Matrix Spike Dup (2424099-MSD1)					Source: E406132-02			Prepared: 06/14/24 Analyzed: 06/15/24		
Benzene	4.71	0.0250	5.00	ND	94.3	54-133	2.04	20		
Ethylbenzene	4.52	0.0250	5.00	ND	90.5	61-133	2.61	20		
Toluene	4.64	0.0250	5.00	ND	92.9	61-130	2.23	20		
o-Xylene	4.52	0.0250	5.00	ND	90.3	63-131	2.23	20		
o,m-Xylene	9.18	0.0500	10.0	ND	91.8	63-131	2.62	20		
Total Xylenes	13.7	0.0250	15.0	ND	91.3	63-131	2.49	20		
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130				

QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007

Midland TX, 79701		Project Manage	r: Mi	ike Carmona				6	/19/2024 10:27:19AM
	Non	halogenated		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
Blank (2424099-BLK1)							Prepared: 0	6/14/24 An	alyzed: 06/15/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.6	70-130			
LCS (2424099-BS2)							Prepared: 0	6/14/24 An	alyzed: 06/15/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike (2424099-MS2)				Source:	E406132-	02	Prepared: 0	6/14/24 An	alyzed: 06/15/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			
Matrix Spike Dup (2424099-MSD2)				Source:	E406132-	02	Prepared: 0	6/14/24 An	alyzed: 06/15/24
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.7	70-130	2.85	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

QC Summary Data

 Carmona Resources
 Project Name:
 RDX 17 -5
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 6/19/2024 10:27:19AM

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	Nonha	logenated Or	ganics 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 (2424105-BLK1)							Prepared: 0	6/14/24 Analy	zed: 06/17/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.2		50.0		116	50-200			
LCS (2424105-BS1)							Prepared: 0	6/14/24 Analy	zed: 06/17/24
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132			
Surrogate: n-Nonane	56.9		50.0		114	50-200			
Matrix Spike (2424105-MS1)				Source:	E406132-	08	Prepared: 0	6/14/24 Analy	zed: 06/17/24
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			
Matrix Spike Dup (2424105-MSD1)				Source:	E406132-	08	Prepared: 0	6/14/24 Analy	zed: 06/17/24
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132	3.61	20	
Surrogate: n-Nonane	59.5		50.0		119	50-200			



Matrix Spike (2424102-MS1)

Matrix Spike Dup (2424102-MSD1)

Chloride

Chloride

1610

1490

Prepared: 06/14/24 Analyzed: 06/17/24

Prepared: 06/14/24 Analyzed: 06/17/24

20

M4

M4

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		DX 17 -5 .058-0007					Reported:
Midland TX, 79701		Project Manager:		ike Carmona				(5/19/2024 10:27:19AM
		Anions 1	by EPA 3	300.0/9056 <i>A</i>	A				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2424102-BLK1)							Prepared: 0	6/14/24 Aı	nalyzed: 06/17/24
Chloride	ND	20.0							
LCS (2424102-BS1)							Prepared: 0	6/14/24 Aı	nalyzed: 06/17/24
Chloride	249	20.0	250		99.7	90-110			

250

250

20.0

20.0

Source: E406132-02

Source: E406132-02

241

191

80-120

80-120

8.03

1010

1010

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 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	06/19/24 10:27

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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>E406132</u> しゅりまる。0058・000子

PST/UST RRP Level IV
Preservative Codes
Preservative Codes
Preservative Codes None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP
None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP
Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP
HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP
HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP
H ₃ PO ₄ : HP
NaHSO₄: NABIS
Na ₂ S ₂ O ₃ : NaSO ₃
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC
Sample Comments
2
3
4
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9
1
Ý.
å
10

Received by OCD: 7/9/2024 8:18:20 AM

Chain of Custody

Work Order No:	E406132
.)	F000-82010 #do

Project Manager: M	like Carmona				Bill to: (if	different)		Jim F	aley									Wo	rk Ord	er Comments
Company Name: C	armona Reso	ources			Compan	Company Name:		Devo	n Ener	gy					Pro	gram:	UST/PS	ST PF	RP Br	ownfields RRC Luperfur
Address: 31	10 W Wall St	Ste 500			Address			5315	Buena	Vista I	Or				Stat	e of P	roject:			
City, State ZIP: M	lidland, TX 79	701			City, Sta	te ZIP:		Carls	bad NI	M, 8822	20				Rep	orting:	Level II	Leve	el III	PST/UST RRP Level I
	132) 813-199	2		Emai	l: jim.rale	@dvn.c	om								Deli	verable	es: ED	D 🗆	AD	PaPT Other:
Project Name:		RDX 17-5		Turi	Around							AN	VALYS	IS RE	QUES	-				Preservative Codes
Project Number:		2297		✓ Routine	Rus	h	Pres. Code								1	T	T	П	T	None: NO DI Water:
Project Location	Eddy	County, New	Mexico	Due Date:			Code													Cool: Cool MeOH: M
Sampler's Name:	Ludy	MM	WEXICO	Duc Dutc.					MRO)											HCL: HC HNO ₃ : HN
PO #:		21308298			_		go.	1	¥									1 1		H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	T Ter	mp Blank:	Yes (No)	Wet Ice:	Yes	No	eter	m	080	0.0				- 1	1					H ₃ PO ₄ : HP
Received Intact:	Y	es No	Thermometer II):	Met Ice: No Chloride 300.0 Chloride 300.0	1					NaHSO ₄ : NABIS									
Cooler Custody Seals:	Yes	No N/A	Correction Fact	or:			Ра	EX	GR (GR	lorid					1					Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	: Yes	No N/A	Temperature R	eading:				in in	5M	చ								1 1		Zn Acetate+NaOH: Zn
otal Containers:			Corrected Tem	perature:					1801											NaOH+Ascorbic Acid: SAP
Sample Identif	fication	Date		Soil	Water	Grab/ Comp	# of Cont		TP.				4							Sample Comments
SW-3 (2.5	5')	6/12/2024		X		С	1	×	×	х										
SW-4 (2.5	5')	6/12/2024		X		С	1	×	×	х										
SW-5 (2.5	5')	6/12/2024		X		С	1	×	x	x										
SW-6 (2.5	5')	6/12/2024		X		С	1	×	×	х										· ·
SW-7 (2.5	5')	6/12/2024		X		С	1	×	×	×				1						10
SW-8 (2.5	5')	6/12/2024		X		С	1	×	x	х										li.
SW-9 (2.5	5')	6/12/2024		X		С	1	×	x	x										13
SW-10 (4.	.5')	6/12/2024		Х		С	1	×	×	х										1V
SW-11 (4.	.5')	6/12/2024		X		С	1	×	×	×										jo
SW-12 (4.	.5')	6/12/2024		×		С	1	X	×	x			1.0							20

Printed: 6/14/2024 2:02:36PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

	Date Received:	06/14/24	07:45	Wo	rk Order ID:	E406132
	Date Logged In:	06/14/24	08:04	Los	ged In By:	Raina Schwanz
	Due Date:		17:00 (4 day TAT)	Log	ged III Dy.	raina serwanz
<u>L</u>						
tch the COC?	4 606	Yes				
	n the COC	Yes				
	1 1 0		Carrier: <u>C</u>	<u>Courier</u>		
	ed analyses?					
such as pH which should be conducted in		Yes			Commen	ts/Resolution
		Yes		Sample times	are not do	ocumented on COC
				by client		
ceived?		Yes		•		
ved in good condition?		Yes				
ived intact, i.e., not broken?		Yes				
seals present?						
*						
on ice? If yes, the recorded temp is 4°C, i reservation is not required, if samples are		Yes				
_	emperature: 4%	C				
2 4 Compension 1	<u> </u>	<u>~</u>				
onles present?		No				
-						
	rs collected?					
els filled out with the minimum infor	mation:					
		Yes				
ted?		Yes	ı			
		Yes				
	40					
	served?					
	. 1.0					
	tals?	No				
		No				
specify which phase(s) is to be analyz	ed?	NA				
-						
to get sent to a subcontract laboratory oratory specified by the client and if:		No NA	Subcontract Lab	: NA		
, ,						
	off by client or carrier? i.e., signatures, dates/times, requested within holding time? such as pH which should be conducted in the ld time, are not included in this disucssion me (TAT) tandard TAT, or Expedited TAT? ceived? ved in good condition? ived intact, i.e., not broken? seals present? ceurity seals intact? on ice? If yes, the recorded temp is 4°C, i. reservation is not required, if samples are not ling do the temperature. Actual sample to applie the present? lected in VOA Vials? than 6-8 mm (pea sized or less)? included for VOC analyses? se collected in the correct containers? ne/weight or number of sample containers els filled out with the minimum informated? I labels indicate the samples were present y preserved? red and/or requested for dissolved me rix more than one phase, i.e., multiphase	i.e., signatures, dates/times, requested analyses? red within holding time? such as pH which should be conducted in the field, ld time, are not included in this disucssion. me (TAT) tandard TAT, or Expedited TAT? received? red in good condition? red intact, i.e., not broken? seals present? recurity seals intact? received? If yes, the recorded temp is 4°C, i.e., 6°±2°C reservation is not required, if samples are received w/i 15 ling d the temperature. Actual sample temperature: 4° mples present? lected in VOA Vials? than 6-8 mm (pea sized or less)? included for VOC analyses? s collected in the correct containers? ne/weight or number of sample containers collected? labels indicate the samples were preserved? ry preserved? red and/or requested for dissolved metals? rix more than one phase, i.e., multiphase? rix specify which phase(s) is to be analyzed?	off by client or carrier? yes, i.e., signatures, dates/times, requested analyses? yes wed within holding time? yes which as pH which should be conducted in the field, ld time, are not included in this disucssion. yes wed in good condition? yes wed in good condition? yes wed in good condition? yes seals present? yes wed intact, i.e., not broken? yes recurity seals intact? yes reservation is not required, if samples are received w/i 15 ling d the temperature. Actual sample temperature: 4°C yes reservation is not required, if samples are received w/i 15 ling d the temperature of less)? yes received in VOA Vials? than 6-8 mm (pea sized or less)? yes re/weight or number of sample containers collected? yes re/weight or number of sample containers collected? yes labels indicate the samples were preserved? yes yes red? yes red and/or requested for dissolved metals? yes more than one phase, i.e., multiphase? yes pecify which phase(s) is to be analyzed?	off by client or carrier? yes i.i.e., signatures, dates/times, requested analyses? yes yed within holding time? yes yes yes yes yes yes yes y	off by client or carrier? yes colorier, i.e., signatures, dates/times, requested analyses? yes ed within holding time? yes used as pH which should be conducted in the field, ld time, are not included in this disuession. me (TAT) tandard TAT, or Expedited TAT? Yes ved in good condition? yes yed in good condition? yes seals present? No security seals intact? NA on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C yes reservation is not required, if samples are received w/i 15 ling d the temperature. Actual sample temperature: 4°C nuples present? No tected in VOA Vials? than 6-8 mm (pea sized or less)? included for VOC analyses? NA se collected in the correct containers? yes ne/weight or number of sample containers collected? Yes labels indicate the samples were preserved? No y preserved? No y preserved? No y preserved? No phecify which phase(s) is to be analyzed? No No precify which phase(s) is to be analyzed? No	off by client or carrier? yes carrier: Courier Yes dwithin holding time? yes which should be conducted in the field, ld time, are not included in this discussion. The (TAT) tandard TAT, or Expedited TAT? Yes wed in good condition? yes yed in good condition? yes yes interity seals intact? No orice? If yes, the recorded temp is 4°C, i.e., 6°42°C yes reservation is not required, if samples are received w/i 15 ting d the temperature. Actual sample temperature: 4°C lected in VOA Vials? than 6-8 mm (pea sized or less)? included for VOC analyses? yes yes yes yes yes yes yes

Report to:
Mike Carmona



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 17 -5

Work Order: E406233

Job Number: 01058-0007

Received: 6/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/27/24

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: 6/27/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: RDX 17 -5 Workorder: E406233

Date Received: 6/26/2024 6:00:00AM

Mike Carmona,

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 17 -5.

The analytical test results summarized in this report with the Project Name: RDX 17 -5 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Office: 505-421-LABS(5227)

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mgonzales@envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
Onsurez 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 Summary

_			· · · · · · · · · · · · · · · · · · ·	
Γ	Carmona Resources	Project Name:	RDX 17 -5	Reported:
l	310 West Wall St. Suite 415	Project Number:	01058-0007	Keporteu:
1	Midland TX, 79701	Project Manager:	Mike Carmona	06/27/24 16:00

Client Sample ID	Lab Sample ID M	Matrix	Sampled	Received	Container
Onsurez Pit	E406233-01A	Soil	06/24/24	06/26/24	Glass Jar, 2 oz.



Carmona Resources	Project Name:	RDX 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	6/27/2024 4:00:34PM

Onsurez Pit E406233-01

	E400233-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2426035
ND	0.0250	1	06/26/24	06/27/24	
ND	0.0250	1	06/26/24	06/27/24	
ND	0.0250	1	06/26/24	06/27/24	
ND	0.0250	1	06/26/24	06/27/24	
ND	0.0500	1	06/26/24	06/27/24	
ND	0.0250	1	06/26/24	06/27/24	
	92.1 %	70-130	06/26/24	06/27/24	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2426035
ND	20.0	1	06/26/24	06/27/24	
	95.0 %	70-130	06/26/24	06/27/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2426032
ND	25.0	1	06/26/24	06/27/24	
ND	50.0	1	06/26/24	06/27/24	
	103 %	50-200	06/26/24	06/27/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2426031
94.3	20.0	1	06/26/24	06/26/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 92.1 % mg/kg mg/kg mg/kg ND 20.0 95.0 % mg/kg ND 25.0 ND 50.0 103 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 92.1 % 70-130 mg/kg mg/kg Anal ND 20.0 1 95.0 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 103 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 06/26/24 ND 0.0250 1 06/26/24 ND 0.0250 1 06/26/24 ND 0.0250 1 06/26/24 ND 0.0500 1 06/26/24 ND 0.0250 1 06/26/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 06/26/24 mg/kg mg/kg Analyst: KM ND 25.0 1 06/26/24 ND 50.0 1 06/26/24 ND 50.0 1 06/26/24 ND 50.0 1 06/26/24 ND 50.0 1 06/26/24 Mg/kg Mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 06/26/24 06/27/24 ND 0.0500 1 06/26/24 06/27/24 ND 0.0250 1 06/26/24 06/27/24 MD 0.0250 1 06/26/24 06/27/24 MD 0.0250 1 06/26/24 06/27/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 06/26/24 06/27/24 mg/kg mg/kg Analyst: KM ND 25.0 1 06/26/24 06/27/24 ND 50.0 1 06/26/24 06/27/24 ND 50.0 1 06/26/24

QC Summary Data

RDX 17 -5 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 6/27/2024 4:00:34PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2426035-BLK1) Prepared: 06/26/24 Analyzed: 06/26/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.27 8.00 90.9 70-130 LCS (2426035-BS1) Prepared: 06/26/24 Analyzed: 06/26/24 5.09 102 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.90 0.0250 5.00 98.1 70-130 5.01 0.0250 5.00 100 70-130 Toluene 97.8 o-Xylene 4.89 0.0250 5.00 70-130 9.96 10.0 99.6 70-130 0.0500 p.m-Xvlene 99.0 70-130 14.8 15.0 Total Xylenes 0.0250 8.00 90.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.25 Matrix Spike (2426035-MS1) Source: E406231-05 Prepared: 06/26/24 Analyzed: 06/26/24 10.1 0.0500 10.0 ND 54-133 Benzene ND 97.4 61-133 Ethylbenzene 9.74 0.0500 10.0 Toluene 9.95 0.0500 10.0 ND 99.5 61-130 9.69 ND 96.9 63-131 10.0 0.0500 o-Xylene p,m-Xylene 19.7 0.100 20.0 ND 98.7 63-131 0.0500 30.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 14.7 16.0 Matrix Spike Dup (2426035-MSD1) Source: E406231-05 Prepared: 06/26/24 Analyzed: 06/26/24 10.1 0.0500 10.0 ND 54-133 0.390 20 61-133 0.509 9.69 0.0500 10.0 ND 96.9 20 Ethylbenzene Toluene 9 90 0.0500 10.0 ND 99.0 61-130 0.568 20 9.66 0.0500 10.0 ND 96.6 63-131 0.253 20 o-Xylene

20.0

30.0

16.0

0.100

0.0500

19.6

29.3

14.8

ND

ND

98.1

97.6

92.6



0.628

0.504

20

20

63-131

63-131

70-130

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Carmona ResourcesProject Name:RDX 17 -5Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona6/27/2024 4:00:34PM

d Organics							
Nonhalogenated Organics by EPA 8015D - GRO							
Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
mg/kg	mg/kg	%	%	%	%	Notes	
				Prepared: 0	6/26/24 Anal	yzed: 06/26/24	
8.00		94.3	70-130				
				Prepared: 0	6/26/24 Anal	yzed: 06/26/24	
50.0		92.6	70-130				
8.00		96.0	70-130				
	Source:	E406231-	05	Prepared: 0	6/26/24 Anal	yzed: 06/26/24	
100	ND	98.6	70-130				
16.0		96.7	70-130				
	Source:	E406231-	05	Prepared: 0	6/26/24 Anal	yzed: 06/26/24	
100	ND	95.4	70-130	3.27	20		
_	Spike Level mg/kg 8.00 50.0 8.00 100 16.0	Spike Level Result mg/kg mg/kg	Spike Level Source Result Rec mg/kg 8.00 94.3 50.0 92.6 8.00 96.0 Source: E406231-100 100 ND 98.6 16.0 96.7 Source: E406231-100	Spike Level Source Result Rec Limits mg/kg Rec Limits mg/kg Rec Limits % 8.00 94.3 70-130 50.0 92.6 70-130 8.00 96.0 70-130 Source: E406231-05 100 ND 98.6 70-130 16.0 96.7 70-130 Source: E406231-05	Spike Level Source Result Rec Limits RPD mg/kg mg/kg % % % Prepared: 0 8.00 94.3 70-130 70-130 Prepared: 0 50.0 92.6 70-130 70-130 8.00 96.0 70-130 70-130 Source: E406231-05 Prepared: 0 Source: E406231-05 Prepared: 0	Spike Level Source Result Rec Limits RPD Limit mg/kg mg/kg % % % Prepared: 06/26/24 Analyses 8.00 94.3 70-130 Prepared: 06/26/24 Analyses 50.0 92.6 70-130 8.00 96.0 70-130 Source: E406231-05 Prepared: 06/26/24 Analyses 100 ND 98.6 70-130 16.0 96.7 70-130 Source: E406231-05 Prepared: 06/26/24 Analyses	

16.0

15.5

97.1

70-130



QC Summary Data

Carmona Resources	Project Name:	RDX 17 -5	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	·
Midland TX, 79701	Project Manager:	Mike Carmona	6/27/2024 4:00:34PM

Midland TX, 79701		Project Manager	r: Mı	ke Carmona				(5/27/2024 4:00:34PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2426032-BLK1)							Prepared: 0	6/26/24 An	alyzed: 06/26/24
riesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	53.3		50.0		107	50-200			
CS (2426032-BS1)							Prepared: 0	6/26/24 An	alyzed: 06/26/24
riesel Range Organics (C10-C28)	325	25.0	250		130	38-132			
urrogate: n-Nonane	54.1		50.0		108	50-200			
Matrix Spike (2426032-MS1)				Source:	E406241-0	02	Prepared: 0	6/26/24 An	alyzed: 06/26/24
riesel Range Organics (C10-C28)	324	25.0	250	ND	129	38-132			
urrogate: n-Nonane	53.2		50.0		106	50-200			
Matrix Spike Dup (2426032-MSD1)				Source:	E406241-0	02	Prepared: 0	6/26/24 An	alyzed: 06/26/24
tiesel Range Organics (C10-C28)	325	25.0	250	ND	130	38-132	0.381	20	
urrogate: n-Nonane	53.9		50.0		108	50-200			

LCS (2426031-BS1)

Chloride

Prepared: 06/26/24 Analyzed: 06/26/24

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager	0	DX 17 -5 1058-0007 like Carmona					Reported: 6/27/2024 4:00:34PM
		Anions	by EPA 3	300.0/9056 <i>E</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 (2426031-BLK1)						I	Prepared: 0	6/26/24 <i>A</i>	Analyzed: 06/26/24
Chloride	ND	20.0							

Matrix Spike (2426031-MS1)				Source:	E406241-	01	Prepared: 0	6/26/24 Ana	lyzed: 06/26/24
Chloride	324	100	250	ND	130	80-120			M6
Matrix Spike Dup (2426031-MSD1)				Source:	E406241-	01	Prepared: 0	6/26/24 Ana	lyzed: 06/26/24
Chloride	320	100	250	ND	128	80-120	1.10	20	M6

250

102

90-110

255

20.0

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 17 -5	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	06/27/24 16:00

M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS

recoveries.

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>F406233</u>

Job Number: 01058-0001

Received by OCD: 7/9/2024 8:18:20 AM

City, State ZIP: Midland, TX 79701 City, State ZIP: Carisbad NM, 88220 Phone: (432) 813-1992 Email: ijm.raley@dvn.com Reporting:Level III	Other: Preservative Codes NO DI Water; H Cool MeOH: Me HC HNO3: HN 4: H2 NaOH: Na 4: HP GO4: NABIS
Address: 310 W Wall St Ste 500	Other: Preservative Codes NO DI Water; H Cool MeOH: Me HC HNO3: HN 4: H2 NaOH: Na 4: HP GO4: NABIS
City, State ZIP: Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 Reporting: Level III	Other: Preservative Codes NO DI Water: H Cool MeOH: Me HC HNO3: HN 4: H2 NaOH: Na 94: HP GO4: NABIS
Project Name: RDX 17-5 Turn Around Project Number: 2297 Project Number: Rush Project Number: Routine Rush Project Number: Routine Rush Project Number: Rush Project Location Eddy County, New Mexico Due Date: Sampler's Name: MM Project Location Eddy County, New Mexico Due Date: Sample Custody Seals: Yes No Ni/A Correction Factor: Sample Custody Seals: Yes No Ni/A Temperature Reading: Total Containers: Corrected Temperature: Sample Identification Date Soil Water Grab/ Comp Cont Comp Cont Comp Cont Comp Cont Comp Cont Containers: Deliverables: EDD ADAPT Other: ADAPT Other: ADAPT Other: Deliverables: EDD ADAPT Other: ADAPT Other: Deliverables: EDD ADAPT Other: ADAPT Other: ADAPT Other: Deliverables: EDD ADAPT Other:	Preservative Codes NO DI Water: H Cool MeOH: Me HC HNO3: HN 4: H2 NaOH: Na 04: HP GO4: NABIS
Project Name: RDX 17-5 Turn Around Project Number: 2297	: NO DI Water; H Cool MeOH: Me HC HNO3: HN 4: H2 NaOH: Na 04: HP GO4: NABIS
Project Number: Project Number: Project Location Eddy County, New Mexico Due Date:	: NO DI Water; H Cool MeOH: Me HC HNO3: HN 4: H2 NaOH: Na 04: HP GO4: NABIS
Project Location Eddy County, New Mexico Due Date: Sampler's Name: MM PO #: 21308298 SAMPLE RECEIPT Temp Blank; Yes (No Wet Ice: Yes) No Received Intact: Yes) (No N/A Correction Factor: Sample Custody Seals: Yes (No N/A Temperature Reading: Total Containers: Corrected Temperature: Sample Identification Date Soil Water Grab/ Comp Cool: Cool HCL: HC H2S04; H2 H3PO4: HP NaHSO4: NABIS Na2S2O3: NaSO Sample Custody Seals: Yes (No N/A Temperature Reading: Na2S2O3: NaSO Sample Custody Seals: Yes (No N/A Temperature: NaOH+Ascorbic Sample Custody Seals: Yes (No N/A Temperature: NaOH+Ascorbic Sample Custody Seals: Yes (No N/A Temperature Reading: NaOH+Ascorbic Sample Custody Seals: Yes (No N/A Temperature) Sample Identification Date Soil Water Grab/ Comp	Cool MeOH: Me HC HNO3: HN 4: H2 NaOH: Na 04: HP CO4: NABIS
Sampler's Name: MM PO #: 21308298 SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No Received Intact: Yes No N/A Correction Factor: Cooler Custody Seals: Yes No N/A Temperature Reading: Total Containers: Corrected Temperature: Sample Identification Date Soil Water Grab/ Comp Sample Identification Date Soil Water Grab/ Comp Sample Custody Seals: # of Comp Sample Identification Date Soil Water Grab/ Comp Sample Custody Seals: # of Comp Sample Identification Date Soil Water Grab/ Comp	HC HNO ₃ : HN 4: H ₂ NaOH: Na 0 ₄ : HP 6O ₄ : NABIS
SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No Received Intact: Yes No N/A Correction Factor: Cooler Custody Seals: Yes No N/A Temperature Reading: Total Containers: Corrected Temperature: Sample Identification Date Soil Water Grab/ Comp Sample Containers: Soil Water Grab/ Comp Sample Identification Sample Identification Sample Containers: Soil Water Grab/ Comp Sample Identification Sample Identif	4: H ₂ NaOH: Na 0 ₄ : HP SO ₄ : NABIS
Sample identification Date Soil Water Comp Cont Sample C	SO ₄ : NABIS
Sample identification Date Soil Water Comp Cont Sample C	
Sample identification Date Soil Water Comp Cont Sample C	2O3: NaSO3
Sample Identification Date Soil Water Comp Cont Sample C	
Sample identification Date Soil Water Comp Cont Sample C	cetate+NaOH: Zn
Sample identification Date Soil Water Comp Cont Sample C	H+Ascorbic Acid: SAPC
Onsurez Pit 6/24/2024 X C 1 x x x	Sample Comments

Printed: 6/27/2024 7:42:37AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

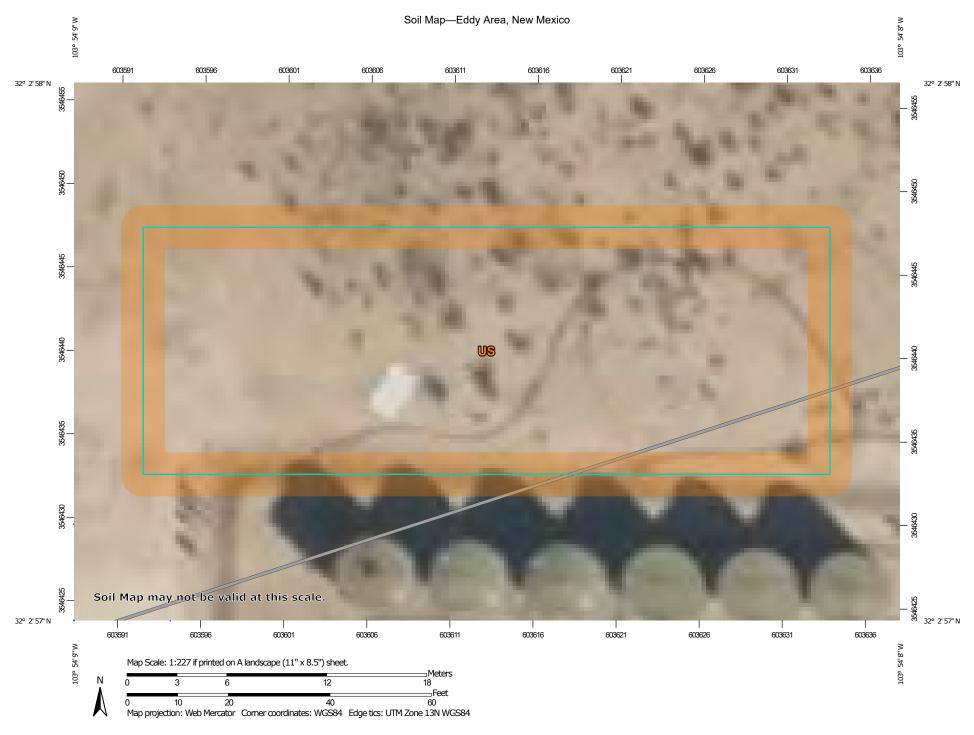
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/26/24 06	5:00	Work	Order ID:	E406233
Phone:	(432) 813-6823	Date Logged In:	06/25/24 16	5:31	Logg	ged In By:	Raina Schwanz
Email:	mcarmona@carmonaresources.com	Due Date:	07/02/24 17	7:00 (4 day TAT)		•	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>ourier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)			ſ			
·	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled	not on Co	OC by client.
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C			_				
_	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	L			
	ollectors name?		Yes				
	reservation the COC or field labels indicate the semulas years a	accomicad?	NI-				
	the COC or field labels indicate the samples were properties are properties and the samples were properties are properties as a second of the samples were properties as a second of the samples were properties as a second of the samples were properties.	reserved?	No NA				
	umple(s) correctly preserved? filteration required and/or requested for dissolved n	actole?					
		iciais:	No				
	se Sample Matrix	0					
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
	act Laboratory						
	imples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA S	Subcontract Lab	: NA		
Client Ir	<u>istruction</u>						

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

APPENDIX F

CARMONA RESOURCES



MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

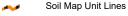
Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

... Gravelly Spot

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

→ Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

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

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

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

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

Coordinate System: Web Mercator (EPSG:3857)

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

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

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

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

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
US	Upton-Simona complex, 1 to 15 percent slopes, eroded	0.2	100.0%
Totals for Area of Interest		0.2	100.0%

Eddy Area, New Mexico

US—Upton-Simona complex, 1 to 15 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w66 Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Upton and similar soils: 40 percent Simona and similar soils: 35 percent Minor components: 25 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Upton

Setting

Landform: Ridges, fans

Landform position (three-dimensional): Side slope, rise

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam H2 - 9 to 13 inches: gravelly loam H3 - 13 to 21 inches: cemented

H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 1 to 15 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to

moderately high (0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 75 percent

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

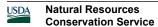
mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified



Map Unit Description: Upton-Simona complex, 1 to 15 percent slopes, eroded---Eddy Area, New Mexico

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

Description of Simona

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 6 inches: gravelly fine sandy loam H2 - 6 to 20 inches: gravelly fine sandy loam

H3 - 20 to 24 inches: indurated

Properties and qualities

Slope: 1 to 5 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

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

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 2.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 9 percent

Hydric soil rating: No

Pajarito

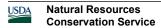
Percent of map unit: 8 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Dune land

Percent of map unit: 8 percent

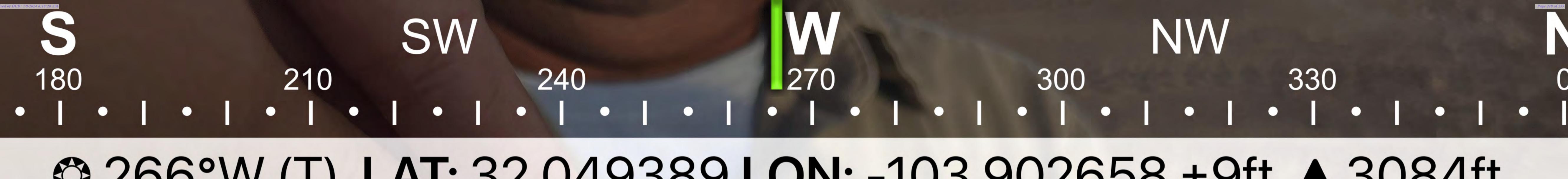


Map Unit Description: Upton-Simona complex, 1 to 15 percent slopes, eroded---Eddy Area, New Mexico

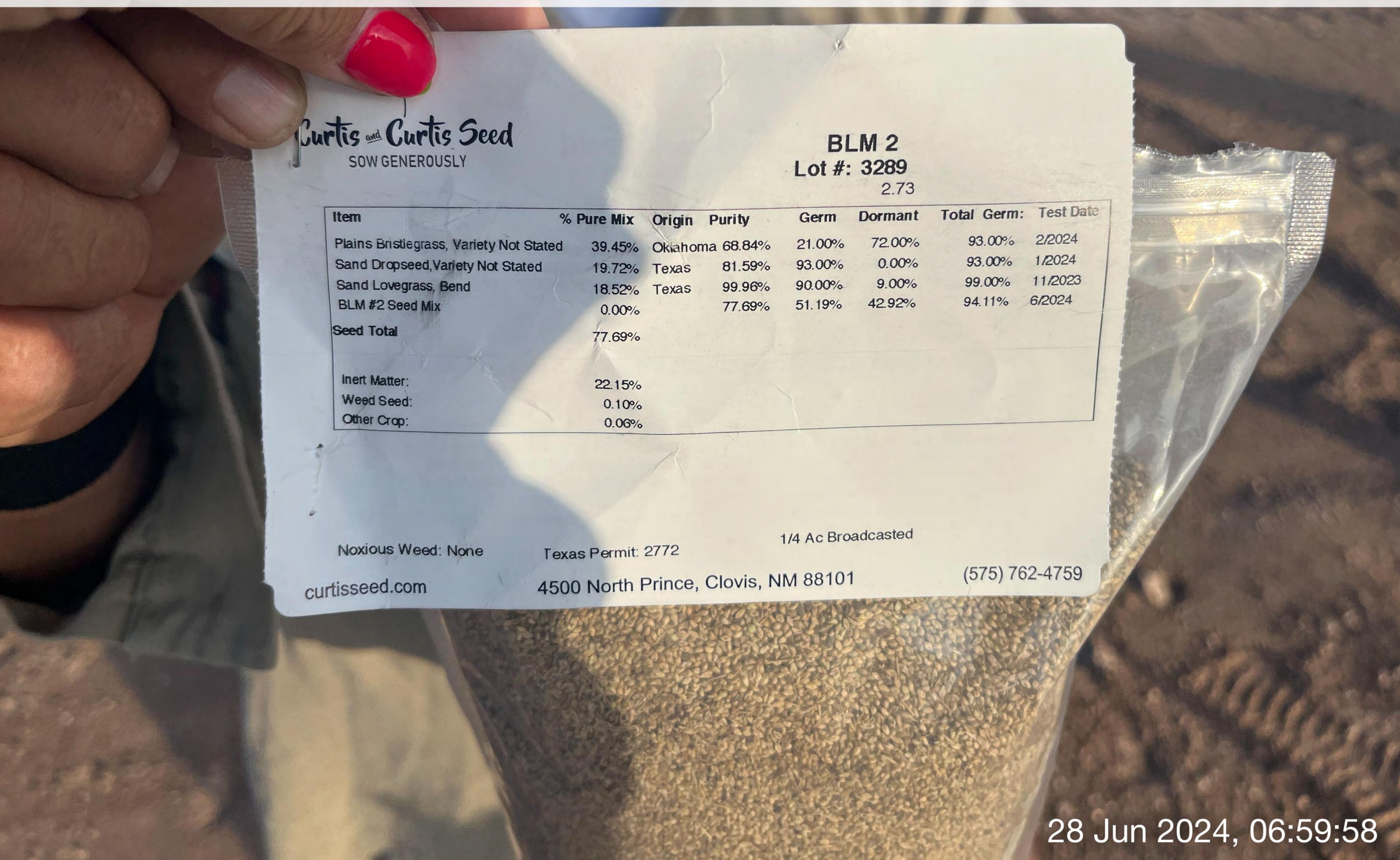
Hydric soil rating: No

Data Source Information

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



© 266°W (T) LAT: 32.049389 LON: -103.902658 ±9ft ▲ 3084ft



District III

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

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

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

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

QUESTIONS

Action 362057

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	362057
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2406528831
Incident Name	NAPP2406528831 RDX 17 #005 @ 30-015-37780
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Well	[30-015-37780] RDX 17 #005

Location of Release Source				
Please answer all the questions in this group.				
Site Name	RDX 17 #005			
Date Release Discovered	03/03/2024			
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: Equipment Failure Pump Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

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

QUESTIONS, Page 2

Action 362057

QUESTIONS (continued)		
Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289 Action Number: 362057 Action Type:	
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.	
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.	
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	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.	
	ilation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses 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 rt does not relieve the operator of responsibility for compliance with any other federal, state, or	
	Name: James Raley	

Title: EHS Professional

Email: jim.raley@dvn.com Date: 07/09/2024

I hereby agree and sign off to the above statement

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

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

QUESTIONS, Page 3

Action 362057

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	362057
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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 51 and 75 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions ti	hat apply or are indicated. This information must be provided t	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 de	monstrating the lateral and vertical extents of soil contamination	on 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	al extents of contamination been fully delineated	Yes
Was this release entirely c	ontained within a lined containment area	No
Soil Contamination Sampling	g: (Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	39000
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	7390
GRO+DRO	(EPA SW-846 Method 8015M)	4740
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	NMAC unless the site characterization report includes complete telephone for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
On what estimated date wi	III the remediation commence	06/06/2024
On what date will (or did) to	he final sampling or liner inspection occur	06/12/2024
On what date will (or was)	the remediation complete(d)	06/28/2024
What is the estimated surfa	ace area (in square feet) that will be reclaimed	350
What is the estimated volu	me (in cubic yards) that will be reclaimed	180
What is the estimated surfa	ace area (in square feet) that will be remediated	1570
What is the estimated volu	me (in cubic yards) that will be remediated	180
These estimated dates and measu	rements are recognized to be the best guess or calculation at t	the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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

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

QUESTIONS, Page 4

Action 362057

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	362057
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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.

I hereby agree and sign off to the above statement

Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 07/09/2024

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.

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

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

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

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

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

QUESTIONS, Page 5

Action 362057

QUESTIONS (continued)

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Operator: WPX Energy Permian, LLC	OGRID: 246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	362057
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each	of the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Production Tanks
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	1600
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	149
	diately under or around production equipment such as production tanks, wellheads and pipelines where on may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-015-37780 RDX 17 #005
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	offorts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required cases 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 rt 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: 07/09/2024

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

QUESTIONS, Page 6

Action 362057

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	362057
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	351931
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/12/2024
What was the (estimated) number of samples that were to be gathered	26
What was the sampling surface area in square feet	2040

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 362057

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	362057
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	WPX's deferral requests final remediation for (Incident Number NAPP2406528831) until final reclamation of the well pad or major construction, whichever comes first. Carmona Resources and WPX do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The areas requested for deferral are located on the pad and are in close proximity to the facility infrastructure, which include sidewall sample areas (SW-1, and SW-4 through SW-9). At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	7/22/2024