

CARMONA RESOURCES



## SITE INFORMATION

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**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**

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Midland TX, 79701  
432.813.1992



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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

## FIGURES

CARMONA RESOURCES



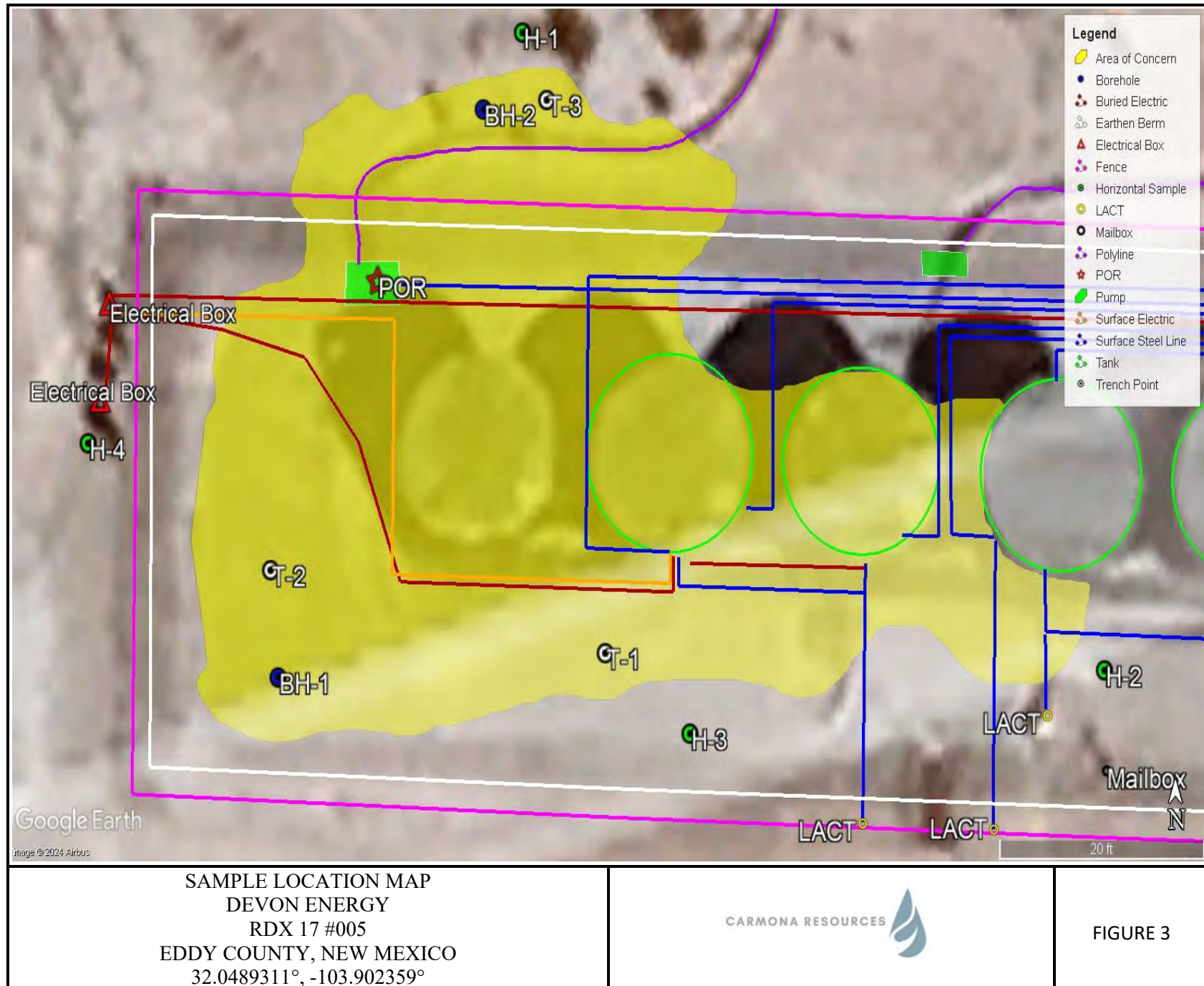


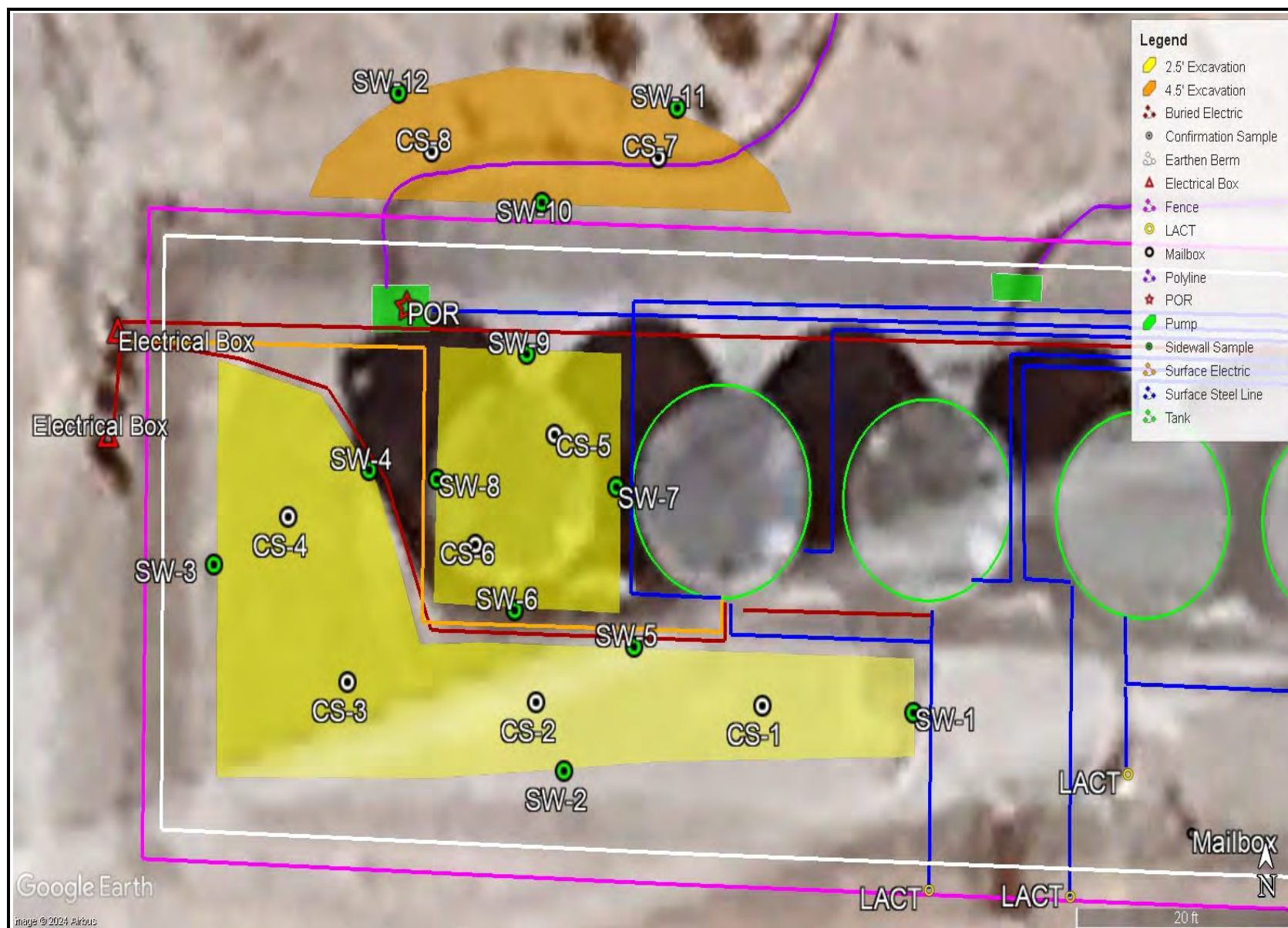




FIGURE 2





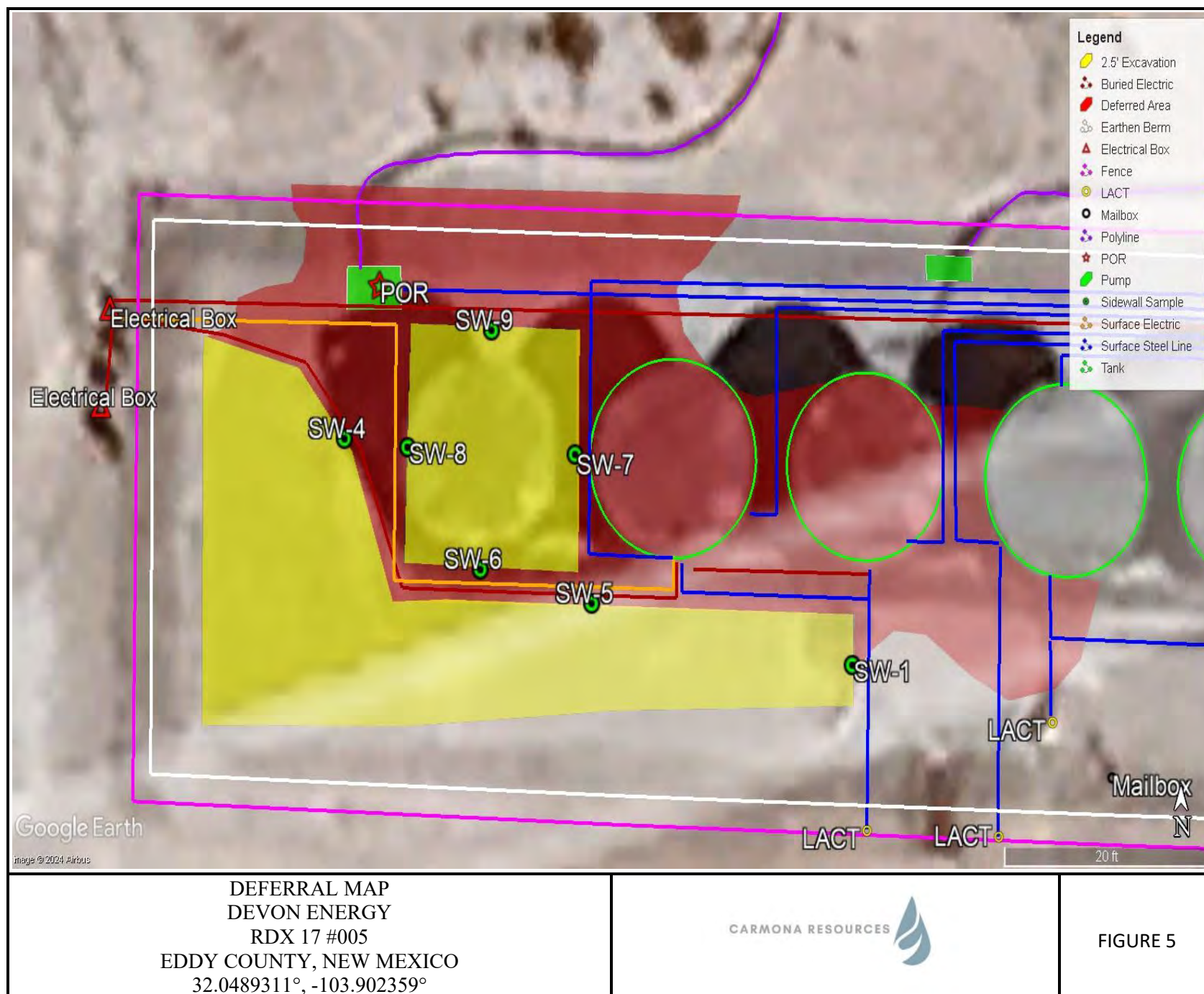


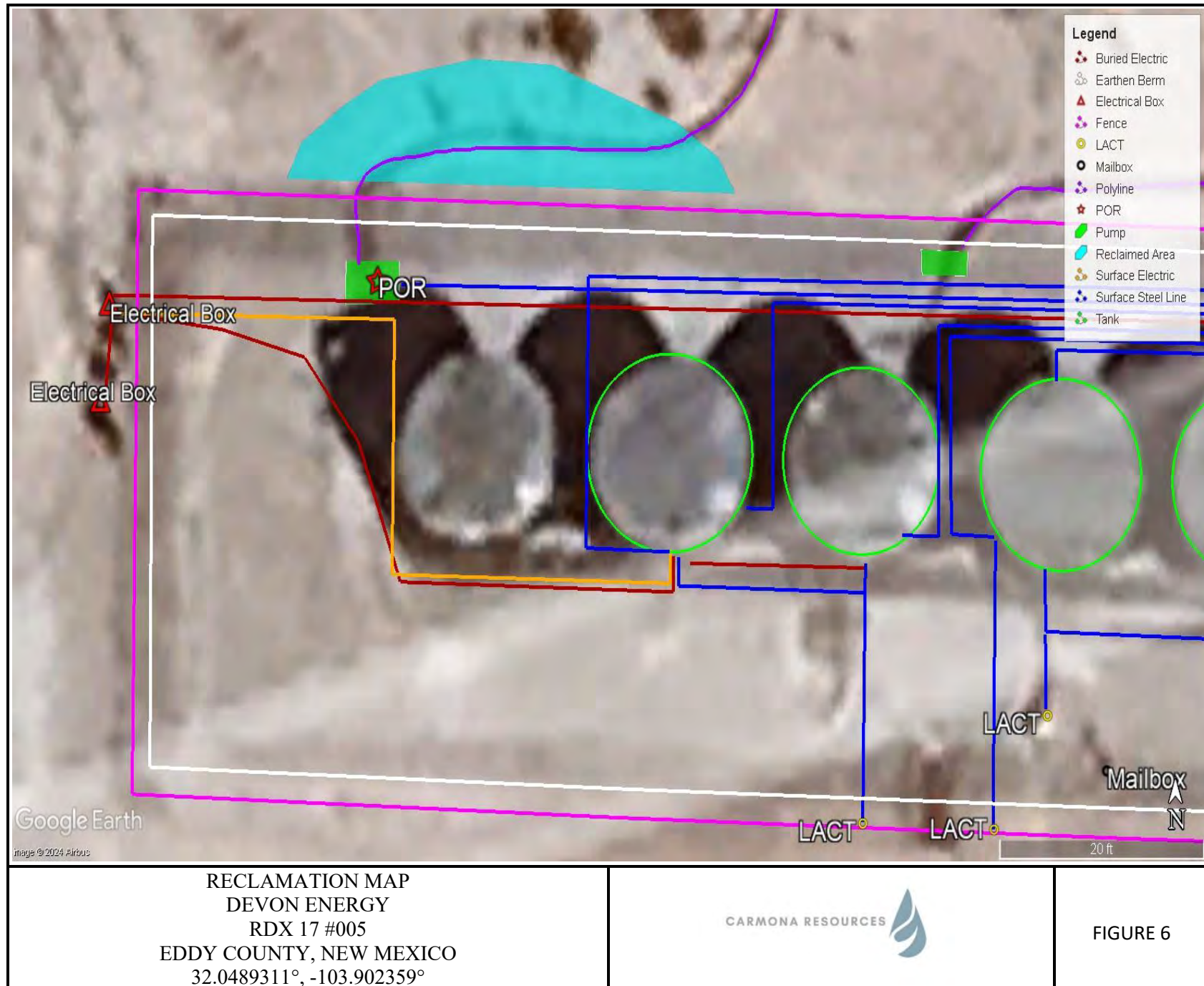
EXCAVATION MAP  
DEVON ENERGY  
RDX 17 #005  
EDDY COUNTY, NEW MEXICO  
32.0489311°, -103.902359°



FIGURE 4









## APPENDIX A

CARMONA RESOURCES



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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
On Well Pad												
T-1	3/21/2024	0-1.0	ND	313	173	486	ND	ND	ND	ND	ND	4,710
	"	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
Refusal - Dense Layer												
T-2	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
	"	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
Refusal - Dense Layer												
Off Well Pad - Pasture												
T-3	3/21/2024	0-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,950
	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,770
	"	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
	"	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,610
	"	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
	"	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,730
Refusal - Equipment Limitations												
Regulatory Criteria <sup>A</sup>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

<sup>A</sup> – 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**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
On Well Pad												
BH-1	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
	"	3.0	ND	121	60.3	181.3	ND	ND	ND	ND	ND	5,450
	"	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
	"	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
	"	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,340
	"	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	
"	30.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.9	
Off Well Pad - Pasture												
BH-2	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
	"	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
	"	12.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	722
	"	13.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	561
Regulatory Criteria <sup>A</sup>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

<sup>A</sup> – 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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
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
Regulatory Criteria <sup>A</sup>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed  
<sup>A</sup> – Table 1 - 19.15.29 NMAC  
mg/kg - milligram per kilogram  
TPH - Total Petroleum Hydrocarbons  
ft - feet  
(H) Horizontal Sample

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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	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
Regulatory Criteria <sup>A</sup>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed  
<sup>A</sup> – 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





# PHOTOGRAPHIC LOG

## 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.





# PHOTOGRAPHIC LOG

## Devon Energy

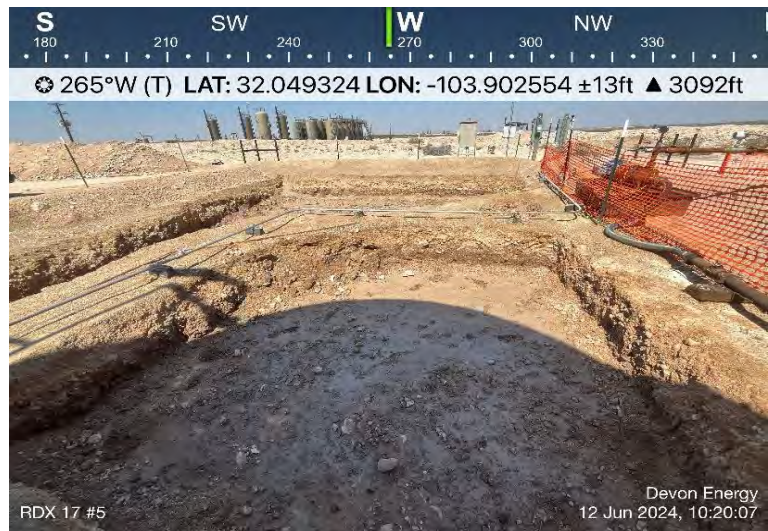
### Photograph No. 4

**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.





# PHOTOGRAPHIC LOG

## Devon Energy

### Photograph No. 7

**Facility:** RDX 17 #005

**County:** Eddy County, New Mexico

**Description:**

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



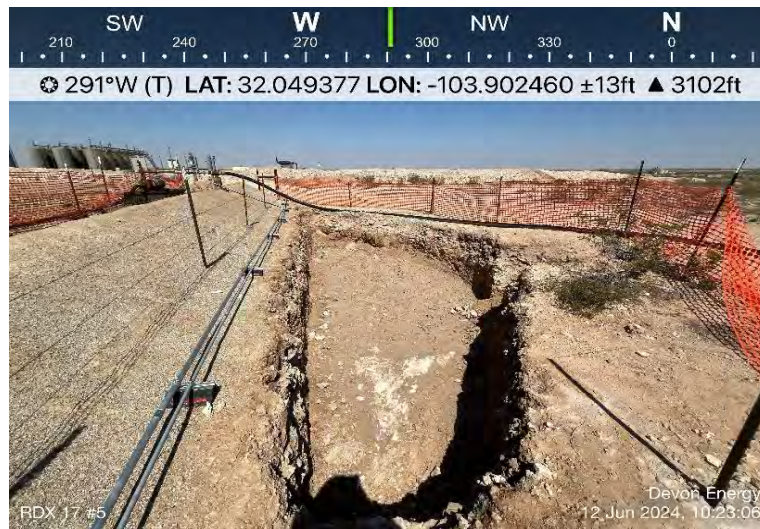
### Photograph No. 8

**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.





## PHOTOGRAPHIC LOG

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.





## PHOTOGRAPHIC LOG

## 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.



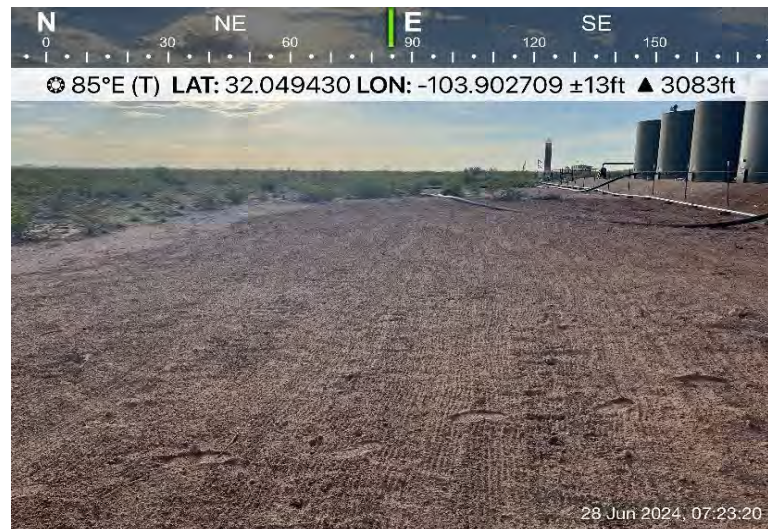
## Photograph No. 15

Facility: RDX 17 #005

County: Eddy County, New Mexico

## Description:

View East of reclaimed area.





# PHOTOGRAPHIC LOG

## 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



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

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

QUESTIONS  
  
Action 320122

QUESTIONS

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

QUESTIONS

<b>Location of Release Source</b> <i>Please answer all the questions in this group.</i>	
Site Name	RDX 17 #005
Date Release Discovered	03/03/2024
Surface Owner	Federal

<b>Incident Details</b> <i>Please answer all the questions in this group.</i>	
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

<b>Nature and Volume of Release</b> <i>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.</i>	
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**

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**District III**

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**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

**QUESTIONS (continued)**

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

**QUESTIONS**

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

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	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.

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ACKNOWLEDGMENTS  
  
Action 320122

ACKNOWLEDGMENTS

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

ACKNOWLEDGMENTS

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



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

CONDITIONS  
  
Action 320122

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
jralej	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

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

QUESTIONS  
  
Action 336982

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 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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CONDITIONS

Action 336982

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
jrale	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:** [Miranda Milwee](#)  
**To:** [Wells, Shelly, EMNRD](#)  
**Cc:** [jim.raley@dmv.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:** [image001.png](#)

---

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](mailto:MilweeM@carmonaresources.com)



---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Tuesday, April 23, 2024 3:48 PM  
**To:** Miranda Milwee <MilweeM@carmonaresources.com>  
**Cc:** [jim.raley@dmv.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](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Miranda Milwee <[MilweeM@carmonaresources.com](mailto:MilweeM@carmonaresources.com)>  
**Sent:** Tuesday, April 23, 2024 3:44 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** [jim.raley@dmv.com](mailto:jim.raley@dmv.com); Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>; Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>; Devin Dominguez <[Ddominguez@carmonaresources.com](mailto:Ddominguez@carmonaresources.com)>  
**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 ~ 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

[MilweeM@carmonaresources.com](mailto:MilweeM@carmonaresources.com)

CARMONA RESOURCES



**From:** [Hamlet, Robert, EMNRD](#)  
**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:** [image003.png](#)

---

RE: Incident #NAPP2406528831

Jim,

Your request for a 90 day extension to August 19th, 2024 is approved. Please include this e-mail 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](mailto:robert.hamlet@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>



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**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Monday, May 20, 2024 3:38 PM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** FW: [EXTERNAL] WPX Energy - RDX 17-5 Extension Request - nAPP2406528831

---

**From:** Raley, Jim <[Jim.Raley@dyn.com](mailto:Jim.Raley@dyn.com)>  
**Sent:** Monday, May 20, 2024 3:13 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Miranda Milwee <[MilweeM@carmonaresources.com](mailto: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@dyn.com](mailto:jim.raley@dyn.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:** [Miranda Milwee](#)  
**To:** [OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov) <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** [Mike Carmona](#); [Conner Moehring](#); [Devin Dominguez](#); [Clint Merritt](#); [Ashton Thielke](#); [jim.raley@dvn.com](mailto:jim.raley@dvn.com)  
**Subject:** Devon - RDX 17 #5 - Sampling Notification  
**Date:** Thursday, June 6, 2024 4:16:00 PM  
**Attachments:** [image001.png](#)

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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](mailto: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: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 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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CONDITIONS

Action 351931

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
jraleay	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

Incident ID	
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature:  Date: 7/9/2024

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature:  \_\_\_\_\_ Date: 7/9/2024

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

## APPENDIX D

CARMONA RESOURCES





Nearest water well

Devon Energy

**Legend**

- 0.31 Miles
- 0.50 Mile Radius
- 0.55 Miles
- Groundwater Determination Bore
- RDX 17 #005 (03.03.2024)



56' GWDB - 09.07.2021

RDX 17 #005 (03.03.2024)

125' - Drilled 2017 - Dry





Medium Karst

Devon Energy

Legend

- Medium
- RDX 17 #005 (03.03.2024)

RDX 17 #005 (03.03.2024)







# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 04068 POD1</a>	CUB	ED		1	3	1	16	26S	30E	604397	3546018	877			
<a href="#">C 01361</a>	CUB	ED		3	4	3	05	26S	30E	603240	3548157	1778	775	184	591
<a href="#">C 01360</a>	CUB	ED		4	3	3	05	26S	30E	602997	3548152	1840	770	173	597
<a href="#">C 03483</a>	C	ED		4	4	4	05	26S	30E	604296	3548251	1954	700	200	500
<a href="#">C 03581 POD1</a>	CUB	ED		4	4	4	05	26S	30E	604298	3548291	1993	800	320	480
<a href="#">C 04655 POD1</a>	CUB	ED		1	2	2	16	26S	30E	605726	3546472	2111			
<a href="#">C 04629 POD1</a>	CUB	ED		4	3	4	21	26S	30E	605381	3543462	3443			
<a href="#">C 04720 POD6</a>	CUB	ED		4	1	3	12	26S	29E	599858	3546880	3786	31		
<a href="#">C 04755 POD2</a>	CUB	ED		4	1	3	12	26S	29E	599857	3546955	3797	25		
<a href="#">C 04720 POD5</a>	CUB	ED		4	1	3	12	26S	29E	599840	3546920	3809	20		
<a href="#">C 04720 POD2</a>	CUB	ED		4	1	3	12	26S	29E	599836	3546932	3814			
<a href="#">C 04720 POD3</a>	CUB	ED		4	1	3	12	26S	29E	599836	3546932	3814			
<a href="#">C 04720 POD4</a>	CUB	ED		4	1	3	12	26S	29E	599812	3546955	3841			
<a href="#">C 04720 POD1</a>	CUB	ED		4	1	3	12	26S	29E	599807	3546968	3848			
<a href="#">C 04755 POD1</a>	CUB	ED		4	1	3	12	26S	29E	599787	3546971	3868	40		
<a href="#">C 04755 POD3</a>	CUB	ED		4	1	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

### UTM NAD83 Radius Search (in meters):

**Easting (X):** 603616

**Northing (Y):** 3546419

**Radius:** 4000

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

3/10/24 10:39 AM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

212C-MD-02547		TETRA TECH		LOG OF BORING BH-1						Page 1 of 1																																																																																																																																																																																																											
Project Name: Melson ZS Federal #002H																																																																																																																																																																																																																					
Borehole Location: GPS Coordinates: 32.050930, -103.899006								Surface Elevation (ft. MSL): 3074.1																																																																																																																																																																																																													
Borehole Number: BH-1						Borehole Diameter (in.): 6		Date Started: 9/7/2021		Date Completed: 9/7/2021																																																																																																																																																																																																											
<div style="text-align: right;">WATER LEVEL OBSERVATIONS</div> <div>While Drilling    ▽    NE ft    Upon Completion of Drilling    ▾    56 ft</div> <div>Remarks:</div>																																																																																																																																																																																																																					
<table><thead><tr><th rowspan="2">DEPTH (ft)</th><th rowspan="2">OPERATION TYPES</th><th rowspan="2">SAMPLE</th><th rowspan="2">PID SCREENING</th><th rowspan="2">ExStik SCREENING (ppm)</th><th rowspan="2">SAMPLE RECOVERY (%)</th><th rowspan="2">MOISTURE CONTENT (%)</th><th rowspan="2">DRY DENSITY (pcf)</th><th colspan="2">LIQUID LIMIT</th><th rowspan="2">PLASTICITY INDEX</th><th rowspan="2">MINUS NO. 200 (%)</th><th rowspan="2">GRAPHIC LOG</th><th>MATERIAL DESCRIPTION</th><th rowspan="2">DEPTH (ft)</th><th rowspan="2">REMARKS</th></tr><tr><th>LL</th><th>PI</th></tr></thead><tbody><tr><td rowspan="5">10</td><td rowspan="5"></td><td>X</td><td>6.6</td><td>&gt;10,000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="5"></td><td>-SPG- CALICHE/SAND: Tan, Dense, Dry</td><td rowspan="5"></td><td rowspan="5">See Laboratory Results Table</td></tr><tr><td>X</td><td>1.5</td><td>&gt;10,000</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>X</td><td>215</td><td>&gt;10,000</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>X</td><td>355</td><td>&gt;10,000</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>X</td><td>289</td><td>8,560</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td rowspan="3">20</td><td rowspan="3"></td><td>X</td><td>52.2</td><td>9,750</td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="3"></td><td>-SM- SILTY SAND: Light Brown, Dense, Dry, Poorly Sorted</td><td rowspan="3"></td><td rowspan="3"></td></tr><tr><td>X</td><td>65</td><td>5,120</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>X</td><td>2.8</td><td>4,750</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td rowspan="2">30</td><td rowspan="2"></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="2"></td><td>-SP- SAND: Dark Brown, Very Dense, Dry.</td><td rowspan="2"></td><td rowspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td rowspan="3">40</td><td rowspan="3"></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="3"></td><td>-SM- SILTY SAND: Dark Brown, Very Dense, Dry.</td><td rowspan="3"></td><td rowspan="3"></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td rowspan="2">50</td><td rowspan="2"></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="2"></td><td></td><td rowspan="2"></td><td rowspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>56</td><td></td></tr></tbody></table>												DEPTH (ft)	OPERATION TYPES	SAMPLE	PID SCREENING	ExStik SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT		PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS	LL	PI	10		X	6.6	>10,000									-SPG- CALICHE/SAND: Tan, Dense, Dry		See Laboratory Results Table	X	1.5	>10,000						X	215	>10,000						X	355	>10,000						X	289	8,560						20		X	52.2	9,750								-SM- SILTY SAND: Light Brown, Dense, Dry, Poorly Sorted			X	65	5,120						X	2.8	4,750						30												-SP- SAND: Dark Brown, Very Dense, Dry.													40													-SM- SILTY SAND: Dark Brown, Very Dense, Dry.																								50																																									56	
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<div>Sampler Types:<div><div> Split Spoon</div><div> Shelby</div><div> Bulk Sample</div><div> Grab Sample</div></div><div><div> Penetrometer</div><div> Vane Shear</div><div> California</div><div> Test Pit</div></div></div> <div>Operation Types:<div><div> Mud Rotary</div><div> Continuous Flight Auger</div><div> Wash Rotary</div></div><div><div> Auger</div><div> Air Rotary</div><div> Core Barrel</div><div> Drive Casing</div></div></div> <div>Notes:<p>Bottom of borehole at 56.0 feet.</p><p>Surface elevation is an estimated value based on Google Earth data.</p><p>Temporary Well Set. Water Measured at 32 ft. with Trace of NAPL.</p></div>																																																																																																																																																																																																																					
Logger: Ashton Thielke				Drilling Equipment: Mobile Drill B61HD								Driller: Scarborough Drilling																																																																																																																																																																																																									



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

STATE OF NEW MEXICO  
ROSWELL, NEW MEXICO

2017 MAY 17 PM 1:58

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) C-4068 POD1				OSE FILE NUMBER(S) C-4068			
	WELL OWNER NAME(S) RKI Exploration and Production, LLC				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 3500 One Williams Center MD 35,				CITY Tulsa		STATE OK	ZIP 74172
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 2	43.95	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LONGITUDE	103	53	39.23	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW/4SW/4NW/4 Section 16, Township 26S, Range 30 E, N.M.P.M.								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 5/11/2017		DRILLING ENDED 5/12/2017		DEPTH OF COMPLETED WELL (FT) n/a	BORE HOLE DEPTH (FT) 125		DEPTH WATER FIRST ENCOUNTERED (FT) none encountered
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: hollow stem auger with air rotary							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	125	±6.625	n/a	n/a	n/a	n/a	n/a
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	n/a	n/a	n/a	n/a	n/a	n/a		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version: 10/29/15)

FILE NUMBER	C-4068	POD NUMBER	1	TRN NUMBER	606777
LOCATION	26S-30E-16-1-3-1			EXPL	PAGE 1 OF 2

#### 4. HYDROGEOLOGIC LOG OF WELL

## 5. TEST; RIG SUPERVISION

## 6. SIGNATURE

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 10/29/2015)	
FILE NUMBER	C-4068	POD NUMBER	1
LOCATION	26S.30E-11e.1-3-1	TRN NUMBER	606777
		EXP1	PAGE 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 Nbr: 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,

Deborah Dunaway  
(575) 622-6521

drywell



# FEMA National Flood Hazard Layer (NFHL)



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

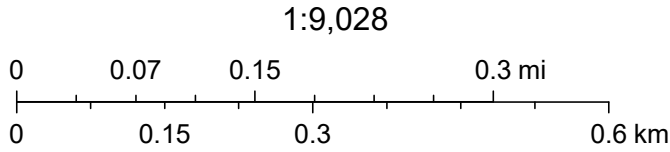


RDX 17 #005 (03.03.2024)



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

— OSE Streams



Esri, HERE, Garmin, IPC, Maxar, NM OSE



## APPENDIX E

CARMONA RESOURCES



Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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Sample Summary

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

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.



Sample 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
---	--	----------------------------------

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	94.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2414003	
Diesel Range Organics (C10-C28)	313	50.0	2	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	173	100	2	04/01/24	04/02/24	
Surrogate: n-Nonane	61.8 %	50-200		04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	4710	40.0	2	03/28/24	03/28/24	

Sample Data

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

T -1 (1.5')

E403262-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	95.2 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	6410	100	5	03/28/24	03/28/24	





Sample Data

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

T -1 (2.0')

E403262-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2413094	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	65.6 %	50-200		04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	9360	200	10	03/28/24	03/28/24	



Sample Data

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

T -2 (0-1.0')  
E403262-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2413094	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	71.3 %	50-200		04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	18400	400	20	03/28/24	03/28/24	



Sample Data

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

T -2 (1.5')

E403262-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2413094	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	63.3 %	50-200		04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	10500	200	10	03/28/24	03/28/24	



Sample Data

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

T -2 (2.0')

E403262-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	94.7 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	10200	200	10	03/28/24	03/28/24	





Sample 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
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T -2 (2.5')

E403262-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2413094	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	68.1 %	50-200		04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	10600	200	10	03/28/24	03/28/24	



Sample 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
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T -2 (3.0')

E403262-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2413094	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	72.8 %	50-200		04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	7130	100	5	03/28/24	03/28/24	



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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	95.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	1950	40.0	2	03/28/24	03/28/24	



Sample Data

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

T -3 (1.5')

E403262-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	95.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	69.3 %	50-200		04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	2770	40.0	2	03/28/24	03/28/24	





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	4/3/2024 12:08:41PM

Volatile Organics by EPA 8021B

Analyst: EG

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

Blank (2413094-BLK1) Prepared: 03/28/24 Analyzed: 03/29/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

LCS (2413094-BS1) Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike (2413094-MS1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.95	0.0250	5.00	ND	99.1	54-133			
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	61-133			
Toluene	4.97	0.0250	5.00	ND	99.3	61-130			
o-Xylene	4.93	0.0250	5.00	ND	98.7	63-131			
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			

Matrix Spike Dup (2413094-MSD1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	5.13	0.0250	5.00	ND	103	54-133	3.49	20	
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133	3.43	20	
Toluene	5.14	0.0250	5.00	ND	103	61-130	3.43	20	
o-Xylene	5.10	0.0250	5.00	ND	102	63-131	3.32	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	3.50	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	3.44	20	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2413094-BLK1) Prepared: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 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			



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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2414003-BLK1)					Prepared: 04/01/24 Analyzed: 04/02/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.2		50.0		74.3	50-200			

LCS (2414003-BS1)					Prepared: 04/01/24 Analyzed: 04/02/24				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	38.6		50.0		77.2	50-200			

Matrix Spike (2414003-MS1)					Source: E403262-04		Prepared: 04/01/24 Analyzed: 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: 04/01/24 Analyzed: 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			



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

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2413102-BLK1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	ND	20.0							
LCS (2413102-BS1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2413102-MS1)					Source: E403261-02		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	1300	20.0	250	1070	90.9	80-120			
Matrix Spike Dup (2413102-MSD1)					Source: E403261-02		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	1420	20.0	250	1070	138	80-120	8.59	20	M4

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.



## Chain of Custody

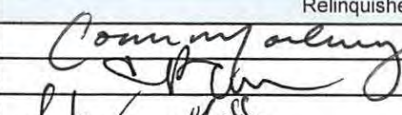
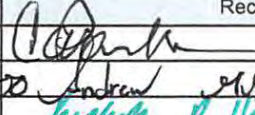
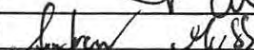


Work Order No: E403262  
Job #: 01058-0007Page 1 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	jim.raley@devon.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> rownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		RDX 17-5		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:		2297		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																None: NO DI Water: H <sub>2</sub> O					
Project Location		Eddy County, New Mexico		Due Date:																Cool: Cool MeOH: Me					
Sampler's Name:		MM																		HCL: HC HNO <sub>3</sub> : HN					
PO #:																				H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No														H <sub>3</sub> PO <sub>4</sub> : HP			
Received Intact:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:																NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:		Yes No <input checked="" type="checkbox"/> N/A		Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:		Yes No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn					
Total Containers:		10		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
T-1 (0-1.0')		3/21/2024		X				G		1		x x x													
T-1 (1.5')		3/21/2024		X				G		1		x x x													
T-1 (2.0')		3/21/2024		X				G		1		x x x													
T-2 (0-1.0')		3/21/2024		X				G		1		x x x													
T-2 (1.5')		3/21/2024		X				G		1		x x x													
T-2 (2.0')		3/21/2024		X				G		1		x x x													
T-2 (2.5')		3/21/2024		X				G		1		x x x													
T-2 (3.0')		3/21/2024		X				G		1		x x x													
T-3 (0-1.0')		3/21/2024		X				G		1		x x x													
T-3 (1.5')		3/21/2024		X				G		1		x x x													

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

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		3/27/24				3/27/24 1020	
		3/27/24 1500				3/27/24 1815	
		3/27/24 2400				3/28/24/0520	

## Envirotech Analytical Laboratory

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

## 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:	03/28/24 05:30	Work Order ID:	E403262
Phone:	(432) 813-6823	Date Logged In:	03/27/24 16:40	Logged In By:	Angelina Pineda
Email:	mcarmona@carmonaresources.com	Due 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 the COC? Yes
  3. Were samples dropped off by client or carrier? Yes
  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, i.e. 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
  8. If yes, was cooler received in good condition? Yes
  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 filtration 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? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client InstructionComments/Resolution

Time Sampled was not documented on COC by client

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

Date



envirotech Inc.

Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.  
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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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
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[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

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**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

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	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.



Sample 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: 4/2/2024 9:19:14AM
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T -3 (2.0')

E403261-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	96.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	69.0 %	50-200		03/28/24	03/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	2170	20.0	1	03/28/24	03/28/24	





Sample 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: 4/2/2024 9:19:14AM
---	--	---------------------------------

T -3 (3.0')

E403261-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	63.6 %	50-200		03/28/24	03/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	1070	20.0	1	03/28/24	03/28/24	



Sample Data

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

T -3 (4.0')

E403261-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2413094	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	67.9 %	50-200		03/28/24	03/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	1610	20.0	1	03/28/24	03/28/24	



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	4/2/2024 9:19:14AM

Volatile Organics by EPA 8021B

Analyst: EG

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

Blank (2413094-BLK1) Prepared: 03/28/24 Analyzed: 03/29/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

LCS (2413094-BS1) Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike (2413094-MS1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.95	0.0250	5.00	ND	99.1	54-133			
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	61-133			
Toluene	4.97	0.0250	5.00	ND	99.3	61-130			
o-Xylene	4.93	0.0250	5.00	ND	98.7	63-131			
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			

Matrix Spike Dup (2413094-MSD1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	5.13	0.0250	5.00	ND	103	54-133	3.49	20	
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133	3.43	20	
Toluene	5.14	0.0250	5.00	ND	103	61-130	3.43	20	
o-Xylene	5.10	0.0250	5.00	ND	102	63-131	3.32	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	3.50	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	3.44	20	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	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	4/2/2024 9:19:14AM

Nonhalogenated Organics by EPA 8015D - GRO

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: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 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			





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 - DRO/ORO

Analyst: KM

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

Blank (2413096-BLK1) Prepared: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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

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

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2413102-BLK1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	ND	20.0							
LCS (2413102-BS1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2413102-MS1)					Source: E403261-02		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	1300	20.0	250	1070	90.9	80-120			
Matrix Spike Dup (2413102-MSD1)					Source: E403261-02		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	1420	20.0	250	1070	138	80-120	8.59	20	M4

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: E403261  
 Job #: 01058-0007

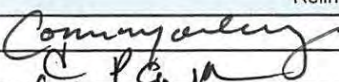
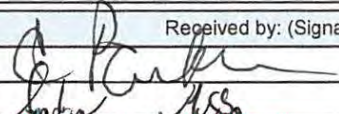
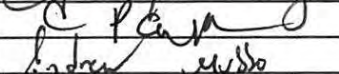


Page 2 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	jim.raley@devon.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> rownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST														Preservative Codes			
Project Number:	2297	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code															None: NO	DI Water: H <sub>2</sub> O		
Project Location	Eddy County, New Mexico	Due Date:																Cool: Cool	MeOH: Me		
Sampler's Name:	MM																	HCL: HC	HNO <sub>3</sub> : HN		
PO #:																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:																			
Cooler Custody Seals:	Yes No <u>N/A</u>	Correction Factor:																			
Sample Custody Seals:	Yes No <u>N/A</u>	Temperature Reading:	4																		
Total Containers:	8	Corrected Temperature:																			
Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont															Sample Comments	
T-3 (2.0')	3/21/2024	X		G	1	x	x	x													
T-3 (3.0')	3/21/2024	X		G	1	x	x	x													
T-3 (4.0')	3/21/2024	X		G	1	x	x	x													
T-3 (5.0')	3/21/2024	X		G	1												x				
T-3 (6.0')	3/21/2024	X		G	1												x				
T-3 (7.0')	3/21/2024	X		G	1												x				
T-3 (8.0')	3/21/2024	X		G	1												x				
T-3 (9.0')	3/21/2024	X		G	1												x				

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3/27/24 1028		3-27-24/1020
	3-27-24 1500		3-27-24 1815
	3-27-24 2400		3-28-24 0530



## Envirotech Analytical Laboratory

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

## 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:	03/28/24 05:30	Work Order ID:	E403261
Phone:	(432) 813-6823	Date Logged In:	03/27/24 16:34	Logged In By:	Angelina Pineda
Email:	mcarmona@carmonaresources.com	Due 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 the COC? Yes
  3. Were samples dropped off by client or carrier? Yes
  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, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
  8. If yes, was cooler received in good condition? Yes
  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 filtration 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? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client InstructionComments/Resolution

See Analysis request on COC, Samples: E-04, E-05, E-06, E-07, E-08 on HOLD. Time Sampled was not documented on the COC by client

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

Date



envirotech Inc.

Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
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[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
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Office: 505-421-LABS(5227)  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

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	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.



Sample 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: 4/11/2024 12:53:59PM
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T -3 (2.0')

E403261-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	96.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	69.0 %	50-200		03/28/24	03/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	2170	20.0	1	03/28/24	03/28/24	



Sample 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: 4/11/2024 12:53:59PM
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T -3 (3.0')

E403261-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2413094	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	63.6 %	50-200		03/28/24	03/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	1070	20.0	1	03/28/24	03/28/24	



Sample 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: 4/11/2024 12:53:59PM
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T -3 (4.0')

E403261-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2413094	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	67.9 %	50-200		03/28/24	03/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413102	
Chloride	1610	20.0	1	03/28/24	03/28/24	





## Sample 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:**  
4/11/2024 12:53:59PM

**T -3 (5.0')****E403261-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		04/01/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		04/01/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		04/05/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2414010	
Chloride	2140	20.0	1	04/01/24	04/02/24	



Sample 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: 4/11/2024 12:53:59PM
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T -3 (6.0')

E403261-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		04/01/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		04/01/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		04/05/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2414010	
Chloride	2360	40.0	2	04/01/24	04/02/24	



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	4/11/2024 12:53:59PM

T -3 (7.0')

E403261-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	93.2 %	70-130		04/01/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414010	
Chloride	2590	200	10	04/01/24	04/02/24	



## Sample 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:**  
4/11/2024 12:53:59PM

**T -3 (8.0')****E403261-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		04/01/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		04/01/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	91.9 %	50-200		04/05/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2414010	
Chloride	2410	40.0	2	04/01/24	04/02/24	



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	4/11/2024 12:53:59PM

T -3 (9.0')

E403261-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414010	
Chloride	2730	100	5	04/01/24	04/02/24	





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	4/11/2024 12:53:59PM

Volatile Organics by EPA 8021B

Analyst: EG

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

Blank (2413094-BLK1) Prepared: 03/28/24 Analyzed: 03/29/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

LCS (2413094-BS1) Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike (2413094-MS1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.95	0.0250	5.00	ND	99.1	54-133			
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	61-133			
Toluene	4.97	0.0250	5.00	ND	99.3	61-130			
o-Xylene	4.93	0.0250	5.00	ND	98.7	63-131			
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			

Matrix Spike Dup (2413094-MSD1) Source: E403261-03 Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	5.13	0.0250	5.00	ND	103	54-133	3.49	20	
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133	3.43	20	
Toluene	5.14	0.0250	5.00	ND	103	61-130	3.43	20	
o-Xylene	5.10	0.0250	5.00	ND	102	63-131	3.32	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	3.50	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	3.44	20	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	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	4/11/2024 12:53:59PM

Volatile Organics by EPA 8021B

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
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Blank (2414011-BLK1) Prepared: 04/01/24 Analyzed: 04/05/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			

LCS (2414011-BS1) Prepared: 04/01/24 Analyzed: 04/08/24

Benzene	4.78	0.0250	5.00		95.6	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130			
Toluene	4.78	0.0250	5.00		95.6	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.69	0.0500	10.0		96.9	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			

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: 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			



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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2413094-BLK1) Prepared: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 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			



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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2414011-BLK1) Prepared: 04/01/24 Analyzed: 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: 04/01/24 Analyzed: 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: 04/01/24 Analyzed: 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: 04/01/24 Analyzed: 04/06/24

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130	9.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	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	4/11/2024 12:53:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2413096-BLK1) Prepared: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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: 03/28/24 Analyzed: 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

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414076-BLK1) Prepared: 04/05/24 Analyzed: 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: 04/05/24 Analyzed: 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: 04/05/24 Analyzed: 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: 04/05/24 Analyzed: 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			



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

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2413102-BLK1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	ND	20.0							
LCS (2413102-BS1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2413102-MS1)					Source: E403261-02		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	1300	20.0	250	1070	90.9	80-120			
Matrix Spike Dup (2413102-MSD1)					Source: E403261-02		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	1420	20.0	250	1070	138	80-120	8.59	20	M4



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

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2414010-BLK1)					Prepared: 04/01/24 Analyzed: 04/01/24				
Chloride	ND	20.0							
LCS (2414010-BS1)					Prepared: 04/01/24 Analyzed: 04/01/24				
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2414010-MS1)					Source: E404002-03		Prepared: 04/01/24 Analyzed: 04/01/24		
Chloride	266	20.0	250	ND	107	80-120			
Matrix Spike Dup (2414010-MSD1)					Source: E404002-03		Prepared: 04/01/24 Analyzed: 04/01/24		
Chloride	269	20.0	250	ND	108	80-120	1.12	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	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: E403261  
 Job #: 01058-0007

Page 2 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	jim.raley@devon.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST														Preservative Codes							
RDX 17-5		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																None: NO DI Water: H <sub>2</sub> O							
Project Number: 2297																		Cool: Cool MeOH: Me							
Project Location: Eddy County, New Mexico		Due Date:																HCL: HC HNO <sub>3</sub> : HN							
Sampler's Name: MM																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na							
PO #:																		H <sub>3</sub> PO <sub>4</sub> : HP							
<b>SAMPLE RECEIPT</b>		Temp Blank:		Yes No		Wet Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																	
Received Intact:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:																					
Cooler Custody Seals:		Yes No <u>N/A</u>		Correction Factor:																					
Sample Custody Seals:		Yes No <u>N/A</u>		Temperature Reading: <u>4</u>																					
Total Containers:		<u>8</u>		Corrected Temperature:																					
Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont															Sample Comments					
T-3 (2.0')	3/21/2024	X		G	1	x	x	x																	
T-3 (3.0')	3/21/2024	X		G	1	x	x	x																	
T-3 (4.0')	3/21/2024	X		G	1	x	x	x																	
T-3 (5.0')	3/21/2024	X		G	1												x								
T-3 (6.0')	3/21/2024	X		G	1												x								
T-3 (7.0')	3/21/2024	X		G	1												x								
T-3 (8.0')	3/21/2024	X		G	1												x								
T-3 (9.0')	3/21/2024	X		G	1												x								

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	3/27/24 1028	<i>Mike Carmona</i>	3-27-24/1020
<i>Mike Carmona</i>	3/27-24 1500	<i>Mike Carmona</i>	3-27-24 1815
<i>Mike Carmona</i>	3-27-24 2400	<i>Mike Carmona</i>	3-28-24 0530



## Envirotech Analytical Laboratory

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

## 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:	03/28/24 05:30	Work Order ID:	E403261
Phone:	(432) 813-6823	Date Logged In:	03/27/24 16:34	Logged In By:	Angelina Pineda
Email:	mcarmona@carmonaresources.com	Due 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 the COC? Yes
  3. Were samples dropped off by client or carrier? Yes
  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, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

**Sample Cooler**

7. Was a sample cooler received? Yes
  8. If yes, was cooler received in good condition? Yes
  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 filtration 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? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

**Client Instruction****Comments/Resolution**

See Analysis request on COC, Samples: E-04, E-05, E-06, E-07, E-08 on HOLD.  
Time Sampled was not documented on the COC by client

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

Date



envirotech Inc.



## Chain of Custody

 Work Order No: E403261  
 Job #: 01058-0007
Page 2 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	jim.raley@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> rownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	RDX 17-5		Turn Around		ANALYSIS REQUEST																Preservative Codes						
Project Number:	2297		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																	None: NO DI Water: H <sub>2</sub> O					
Project Location:	Eddy County, New Mexico		Due Date:		Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0																Cool: Cool MeOH: Me					
Sampler's Name:	MM																					HCL: HC HNO <sub>3</sub> : HN					
PO #:																						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
				H <sub>3</sub> PO <sub>4</sub> : HP																							
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HOLD NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC																Sample Comments					
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:																									
Cooler Custody Seals:	Yes No <u>N/A</u>	Correction Factor:																									
Sample Custody Seals:	Yes No <u>N/A</u>	Temperature Reading:		4																							
Total Containers:	8		Corrected Temperature:																								
Sample Identification	Date		Soil	Water	Grab/Comp	# of Cont																					
T-3 (2.0')	3/21/2024		X		G	1	x	x	x																	1	
T-3 (3.0')	3/21/2024		X		G	1	x	x	x																	2	
T-3 (4.0')	3/21/2024		X		G	1	x	x	x																	3	
T-3 (5.0')	3/21/2024		X		G	1	x	x	x																	4	
T-3 (6.0')	3/21/2024		X		G	1	x	x	x																	5	
T-3 (7.0')	3/21/2024		X		G	1	x	x	x																	6	
T-3 (8.0')	3/21/2024		X		G	1	x	x	x																	7	
T-3 (9.0')	3/21/2024		X		G	1	x	x	x																	8	

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

 Samples -04 through -08 were taken off hold per. M. Milwee and sample collection date to 3/22/24. Q&A 4/5/24

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	3/27/24 1020	<i>Mike Carmona</i>	3-27-24/1020
<i>Mike Carmona</i>	3-27-24 1500	<i>Mike Carmona</i>	3-27-24 1815
<i>Mike Carmona</i>	3-27-24 2400	<i>Mike Carmona</i>	3-28-24 0530



Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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**Alexa Michaels**  
Sample Custody Officer  
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Field Offices:

**Southern New Mexico Area**

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Laboratory Technical Representative  
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Office: 505-421-LABS(5227)  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

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

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.



Sample 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: 5/13/2024 1:40:55PM
---	--	----------------------------------

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2419175	
Chloride	302	20.0	1	05/10/24	05/11/24	



Sample 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: 5/13/2024 1:40:55PM
---	--	----------------------------------

H-2 (0-0.5')  
E405068-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419175	
Chloride	314	20.0	1	05/10/24	05/11/24	



Sample 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: 5/13/2024 1:40:55PM
---	--	----------------------------------

H-3 (0-0.5')  
E405068-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		104 %	50-200	05/08/24	05/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419175	
Chloride	ND	20.0	1	05/10/24	05/11/24	



## Sample 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:**  
5/13/2024 1:40:55PM

## H-4 (0-0.5')

## E405068-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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

Volatile Organic Compounds by EPA 8260B

Analyst: EG

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

Blank (2419064-BLK1) Prepared: 05/07/24 Analyzed: 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: 05/07/24 Analyzed: 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: 05/07/24 Analyzed: 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			
Total 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: 05/07/24 Analyzed: 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			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	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	5/13/2024 1:40:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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

Blank (2419064-BLK1) Prepared: 05/07/24 Analyzed: 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: 05/07/24 Analyzed: 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: E405070-04 Prepared: 05/07/24 Analyzed: 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: E405070-04 Prepared: 05/07/24 Analyzed: 05/09/24

Gasoline Range Organics (C6-C10)	60.3	20.0	50.0	ND	121	70-130	6.81	20	
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	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	5/13/2024 1:40:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2419103-BLK1) Prepared: 05/08/24 Analyzed: 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: 05/08/24 Analyzed: 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: 05/08/24 Analyzed: 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			



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

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2419175-BLK1)					Prepared: 05/10/24 Analyzed: 05/11/24				
Chloride	ND	20.0							
LCS (2419175-BS1)					Prepared: 05/10/24 Analyzed: 05/11/24				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2419175-BSD1)					Prepared: 05/10/24 Analyzed: 05/11/24				
Chloride	255	20.0	250		102	90-110	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

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 13:40

- 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.





Work Order No: E405068  
Job # 01058 -0007

Page 1 of 1

Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	<a href="mailto:jim.raley@dvn.com">jim.raley@dvn.com</a>

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

[illegible]

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Cunningham</i>	5/3/24	<i>[Signature]</i>	5/3/24 16
<i>S.M. [Signature]</i>	5/3/24 1700	<i>[Signature]</i>	5.3.24 1900
	5.3.24 2400	<i>[Signature]</i>	5/10/24 1100

## Envirotech Analytical Laboratory

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

## 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	Work Order ID:	E405068
Phone:	(432) 813-6823	Date Logged In:	05/06/24 11:32	Logged In By:	Keyliegh Hall
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? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled is not documented on the COC by client.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
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 filtration 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? No
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.

Date



envirotech Inc.

Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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**Alexa Michaels**  
Sample Custody Officer  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

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	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.



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (0-1')  
E405059-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		101 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		95.7 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2419088
Chloride	39000	2000	100	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (2.0')  
E405059-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	5800	200	10	05/07/24	05/09/24	



## Sample 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:**  
5/10/2024 3:31:41PM

**BH-1 (3.0')****E405059-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2419088
Chloride	5450	100	5	05/07/24	05/09/24	





Sample 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: 5/10/2024 3:31:41PM
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BH-1 (4.0')  
E405059-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	2520	40.0	2	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (5.0')  
E405059-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		104 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.8 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		104 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.8 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		91.9 %	50-200	05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	2720	40.0	2	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (6.0')  
E405059-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		101 %	70-130	05/06/24	05/08/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.3 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		107 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.3 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		90.1 %	50-200	05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2419088
Chloride	3700	200	10	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (7.0')  
E405059-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	98.3 %	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	96.4 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	98.3 %	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	96.4 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2419037
Diesel Range Organics (C10-C28)	28.4	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	91.8 %	50-200		05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2419088
Chloride	4930	200	10	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (8.0')  
E405059-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		105 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.7 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		105 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.7 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		93.2 %	50-200	05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	4480	200	10	05/07/24	05/09/24	





Sample 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: 5/10/2024 3:31:41PM
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BH-1 (9.0')  
E405059-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	99.5 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8	96.8 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	99.5 %	70-130		05/06/24	05/08/24	
Surrogate: Toluene-d8	96.8 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	91.4 %	50-200		05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	5340	100	5	05/07/24	05/09/24	



## Sample 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:**  
5/10/2024 3:31:41PM

## BH-1 (10.0')

## E405059-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		97.3 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		91.4 %	50-200	05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2419088
Chloride	3510	40.0	2	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (11.0')  
E405059-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	99.7 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	6240	100	5	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (12'0)  
E405059-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	99.5 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	5900	100	5	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (13.0')  
E405059-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	5540	100	5	05/07/24	05/09/24	





Sample 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: 5/10/2024 3:31:41PM
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BH-1 (14.0')  
E405059-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	6180	100	5	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (15.0')  
E405059-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	163 %	50-200		05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	6570	100	5	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (20.0')  
E405059-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		103 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.6 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		92.5 %	50-200	05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	6060	100	5	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (25.0')  
E405059-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	2070	40.0	2	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-1 (30.0')  
E405059-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		101 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		98.5 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		94.1 %	50-200	05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2419088
Chloride	38.9	20.0	1	05/07/24	05/09/24	





Sample 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: 5/10/2024 3:31:41PM
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BH-2 (0-1')  
E405059-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		101 %	70-130	05/06/24	05/08/24	
Surrogate: Toluene-d8		97.3 %	70-130	05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	9210	200	10	05/07/24	05/09/24	



Sample 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: 5/10/2024 3:31:41PM
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BH-2 (2.0')  
E405059-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	99.6 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	99.6 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	91.2 %	50-200		05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419088	
Chloride	2810	40.0	2	05/07/24	05/09/24	



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	5/10/2024 3:31:41PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2419035-BLK1) Prepared: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	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	5/10/2024 3:31:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2419035-BLK1) Prepared: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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

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 - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2419037-BLK1) Prepared: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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:
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Mike Carmona	5/10/2024 3:31:41PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2419088-BLK1)					Prepared: 05/07/24 Analyzed: 05/09/24				
Chloride	ND	20.0							
LCS (2419088-BS1)					Prepared: 05/07/24 Analyzed: 05/09/24				
Chloride	262	20.0	250		105	90-110			
LCS Dup (2419088-BSD1)					Prepared: 05/07/24 Analyzed: 05/09/24				
Chloride	263	20.0	250		105	90-110	0.259	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.



## Chain of Custody

Work Order No: E405059  
Job# 01058-0007

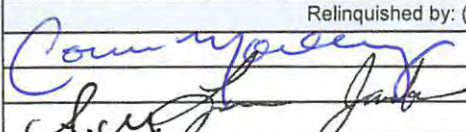

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Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	jim.raley@dyn.com

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

Project Name:		RDX 17-5		Turn Around		Pres. Code		ANALYSIS REQUEST																Preservative Codes											
Project Number:		2297		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																				None: NO DI Water: H <sub>2</sub> O											
Project Location:		Eddy County, New Mexico		Due Date:																				Cool: Cool MeOH: Me											
Sampler's Name:		MM																						HCL: HC HNO <sub>3</sub> : HN											
PO #:																								H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na											
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0																		H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																															
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		Correction Factor:																															
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		Temperature Reading:		9°C																													
Total Containers:				Corrected Temperature:																															
Sample Identification		Date		Soil		Water		Grab/Comp		# of Cont																		Sample Comments							
BH-1 (0-1')		4/29/2024		X				G		1		x x x																Lab # 1 2 3 4 5 6 7 8 9 10							
BH-1 (2.0')		4/29/2024		X				G		1		x x x																							
BH-1 (3.0')		4/29/2024		X				G		1		x x x																							
BH-1 (4.0')		4/29/2024		X				G		1		x x x																							
BH-1 (5.0')		4/29/2024		X				G		1		x x x																							
BH-1 (6.0')		4/29/2024		X				G		1		x x x																							
BH-1 (7.0')		4/29/2024		X				G		1		x x x																							
BH-1 (8.0')		4/29/2024		X				G		1		x x x																							
BH-1 (9.0')		4/29/2024		X				G		1		x x x																							
BH-1 (10.0')		4/29/2024		X				G		1		x x x																							

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

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		5/3/24				5/3/24 1600	
		5.3.24 1700				5.3.24 1900	
		5.3.24 2400				5/6/24 1100	



## Chain of Custody

Work Order No: E405059

Job# 01058-0007

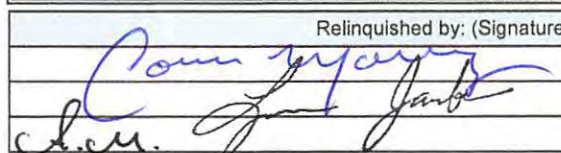
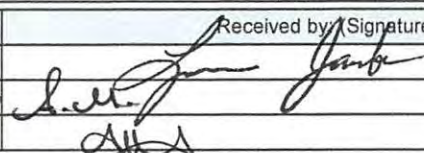
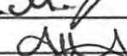
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Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	jim.raley@devon.com

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

Project Name:		RDX 17-5		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:		2297		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																None: NO DI Water: H <sub>2</sub> O					
Project Location:		Eddy County, New Mexico		Due Date:																Cool: Cool MeOH: Me					
Sampler's Name:		MM																		HCL: HC HNO <sub>3</sub> : HN					
PO #:																				H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Parameters		HOLD												H <sub>3</sub> PO <sub>4</sub> : HP			
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:				BTEX 8021B														NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		Correction Factor:				TPH 8015M (GRO + DRO + MRO)														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		Temperature Reading:		40C		Chloride 300.0														Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
BH-1 (11.0')		4/29/2024		X				G		1		x x x												Lab# 11	
BH-1 (12.0')		4/29/2024		X				G		1		x x x												12	
BH-1 (13.0')		4/29/2024		X				G		1		x x x												13	
BH-1 (14.0')		4/29/2024		X				G		1		x x x												14	
BH-1 (15.0')		4/29/2024		X				G		1		x x x												15	
BH-1 (20.0')		4/29/2024		X				G		1		x x x												16	
BH-1 (25.0')		4/29/2024		X				G		1		x x x												17	
BH-1 (30.0')		4/29/2024		X				G		1		x x x												18	
BH-2 (0-1')		4/29/2024		X				G		1		x x x												19	
BH-2 (2.0')		4/29/2024		X				G		1		x x x												20	

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

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		5/3/24				5/3/24 1610	
		5/3/24 1700				5/3/24 1900	
		5.3.24 2400				5/6/24 1100	

## Envirotech Analytical Laboratory

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

## 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	Work Order ID:	E405059
Phone:	(432) 813-6823	Date Logged In:	05/06/24 10:01	Logged In By:	Keyliegh Hall
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? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution**

RDX 17-5 has been separated into multiple WO due to high sample volume, WO are as follows: E405059/E405060. Time sampled is not documented on the COC by client.

**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

**Sample Cooler**

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
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 filtration 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? No
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.

Date



envirotech Inc.

Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Chain of Custody etc.	21

Sample Summary

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

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.



Sample 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: 5/13/2024 1:34:44PM
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BH-2 (3.0')  
E405060-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	99.7 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	3180	40.0	2	05/08/24	05/10/24	



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	5/13/2024 1:34:44PM

BH-2 (4.0')  
E405060-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	101 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	3130	40.0	2	05/08/24	05/10/24	





Sample Data

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

BH-2 (5.0')  
E405060-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	102 %	50-200		05/06/24	05/09/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	4430	40.0	2	05/08/24	05/10/24	



Sample Data

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

BH-2 (6.0')  
E405060-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	99.0 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	3850	200	10	05/08/24	05/10/24	



## Sample 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:**  
5/13/2024 1:34:44PM

## BH-2 (7.0')

## E405060-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		05/06/24	05/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	3180	200	10	05/08/24	05/10/24	



Sample 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: 5/13/2024 1:34:44PM
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BH-2 (8.0')  
E405060-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.3 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		05/06/24	05/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	2270	200	10	05/08/24	05/10/24	



Sample 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: 5/13/2024 1:34:44PM
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BH-2 (9.0')  
E405060-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	98.4 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	100 %	50-200		05/06/24	05/09/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	1730	200	10	05/08/24	05/10/24	





Sample Data

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

BH-2 (10.0')  
E405060-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/06/24	05/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	1240	40.0	2	05/08/24	05/10/24	



Sample Data

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

BH-2 (11.0')  
E405060-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		05/06/24	05/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	688	20.0	1	05/08/24	05/10/24	



Sample Data

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

BH-2 (12.0')  
E405060-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	99.6 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	722	40.0	2	05/08/24	05/10/24	



Sample Data

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

BH-2 (13.0')  
E405060-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/24	05/08/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.1 %	70-130		05/06/24	05/08/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/06/24	05/10/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2419131	
Chloride	561	20.0	1	05/08/24	05/10/24	



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 1:34:44PM

Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2419036-BLK1) Prepared: 05/06/24 Analyzed: 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: 4-Bromochlorobenzene-PID	7.52		8.00		94.1	70-130			

LCS (2419036-BS1) Prepared: 05/06/24 Analyzed: 05/07/24

Benzene	4.80	0.0250	5.00		96.0	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.1	70-130			
Toluene	4.75	0.0250	5.00		95.0	70-130			
o-Xylene	4.65	0.0250	5.00		93.0	70-130			
p,m-Xylene	9.39	0.0500	10.0		93.9	70-130			
Total Xylenes	14.0	0.0250	15.0		93.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

Matrix Spike (2419036-MS1) Source: E405060-03 Prepared: 05/06/24 Analyzed: 05/07/24

Benzene	5.57	0.0250	5.00	ND	111	54-133			
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133			
Toluene	5.50	0.0250	5.00	ND	110	61-130			
o-Xylene	5.36	0.0250	5.00	ND	107	63-131			
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131			
Total Xylenes	16.2	0.0250	15.0	ND	108	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike Dup (2419036-MSD1) Source: E405060-03 Prepared: 05/06/24 Analyzed: 05/07/24

Benzene	5.39	0.0250	5.00	ND	108	54-133	3.16	20	
Ethylbenzene	5.08	0.0250	5.00	ND	102	61-133	3.28	20	
Toluene	5.32	0.0250	5.00	ND	106	61-130	3.31	20	
o-Xylene	5.20	0.0250	5.00	ND	104	63-131	3.15	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	3.34	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	3.28	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	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	5/13/2024 1:34:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2419036-BLK1) Prepared: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 05/08/24

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130	2.69	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.8	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	5/13/2024 1:34:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2419038-BLK1) Prepared: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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: 05/06/24 Analyzed: 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			



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

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2419131-BLK1)					Prepared: 05/08/24 Analyzed: 05/08/24				
Chloride	ND	20.0							
LCS (2419131-BS1)					Prepared: 05/08/24 Analyzed: 05/08/24				
Chloride	270	20.0	250		108	90-110			
LCS Dup (2419131-BSD1)					Prepared: 05/08/24 Analyzed: 05/08/24				
Chloride	270	20.0	250		108	90-110	0.0155	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	05/13/24 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

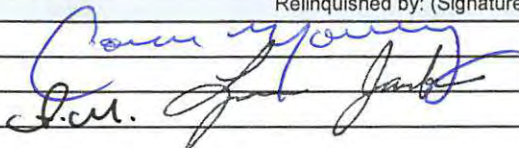

Work Order No: E405060  
Job # 01058-0007Page 3 of 4

Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	jim.raley@devon.com

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

Project Name:		Turn Around		ANALYSIS REQUEST																Preservative Codes									
Project Number:		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																		None: NO DI Water: H <sub>2</sub> O							
Project Location:		Due Date:		Parameters		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0																Cool: Cool MeOH: Me							
Sampler's Name:																						HCL: HC HNO <sub>3</sub> : HN							
PO #:																						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na							
																						H <sub>3</sub> PO <sub>4</sub> : HP							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		HOLD																NaHSO <sub>4</sub> : NABIS			
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																						Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		Correction Factor:																						Zn Acetate+NaOH: Zn			
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		Temperature Reading:		4°C																				NaOH+Ascorbic Acid: SAPC			
Total Containers:				Corrected Temperature:																									
Sample Identification		Date		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
BH-2 (3.0')		4/29/2024		X				G		1		x x x																lab # 1	
BH-2 (4.0')		4/29/2024		X				G		1		x x x																2	
BH-2 (5.0')		4/29/2024		X				G		1		x x x																3	
BH-2 (6.0')		4/29/2024		X				G		1		x x x																4	
BH-2 (7.0')		4/29/2024		X				G		1		x x x																5	
BH-2 (8.0')		4/29/2024		X				G		1		x x x																6	
BH-2 (9.0')		4/29/2024		X				G		1		x x x																7	
BH-2 (10.0')		4/29/2024		X				G		1		x x x																8	
BH-2 (11.0')		4/29/2024		X				G		1		x x x																9	
BH-2 (12.0')		4/29/2024		X				G		1		x x x																10	

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

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		5/3/24				5/3/24 1610	
		5/3/24 1700				5.3.24 1900	
		5.3.24 2400				5/6/24 1100	



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

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Com myore</i>	5/3/24	<i>for Jane</i>	5/3/24 161
<i>L. M. for Jane</i>	5/3/24 1700	<i>L. M.</i>	5.3.24 190
	5.3.24 2400	<i>for Jane</i>	5/6/24 1100

## Envirotech Analytical Laboratory

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

## 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	Work Order ID:	E405060
Phone:	(432) 813-6823	Date Logged In:	05/06/24 11:07	Logged In By:	Keyliegh Hall
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? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

RDX 17-5 has been separated into multiple WO due to high sample volume, WO are as follows: E405059/E405060. Time sampled is not documented on the COC by client.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
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 filtration 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? No
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.

Date



envirotech Inc.



Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

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	06/18/24 12:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	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.



Sample 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: 6/18/2024 12:36:25PM
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R360 Stockpile Sample #1  
E406131-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2424101	
Chloride	444	200	10	06/14/24	06/15/24	



Sample 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: 6/18/2024 12:36:25PM
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R360 Stockpile Sample #2  
E406131-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	97.0 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	97.0 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	97.1 %	50-200		06/14/24	06/15/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2424101	
Chloride	448	200	10	06/14/24	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

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2424098-BLK1) Prepared: 06/14/24 Analyzed: 06/15/24

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	0.493		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-BS1) Prepared: 06/14/24 Analyzed: 06/15/24

Benzene	2.38	0.0250	2.50		95.3	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.8	70-130			
Toluene	2.29	0.0250	2.50		91.6	70-130			
o-Xylene	2.36	0.0250	2.50		94.4	70-130			
p,m-Xylene	4.55	0.0500	5.00		90.9	70-130			
Total Xylenes	6.91	0.0250	7.50		92.1	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike (2424098-MS1) Source: E406127-03 Prepared: 06/14/24 Analyzed: 06/15/24

Benzene	2.57	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135			
Toluene	2.46	0.0250	2.50	ND	98.3	48-130			
o-Xylene	2.54	0.0250	2.50	ND	102	43-135			
p,m-Xylene	4.85	0.0500	5.00	ND	96.9	43-135			
Total Xylenes	7.39	0.0250	7.50	ND	98.5	43-135			
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: E406127-03 Prepared: 06/14/24 Analyzed: 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			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2424098-BLK1) Prepared: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2424094-BLK1) Prepared: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2424101-BLK1)					Prepared: 06/14/24 Analyzed: 06/14/24				
Chloride	ND	20.0							
LCS (2424101-BS1)					Prepared: 06/14/24 Analyzed: 06/14/24				
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2424101-MS1)					Source: E406129-03		Prepared: 06/14/24 Analyzed: 06/15/24		
Chloride	276	100	250	ND	110	80-120			
Matrix Spike Dup (2424101-MSD1)					Source: E406129-03		Prepared: 06/14/24 Analyzed: 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.



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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	6/13/24 10:45	<i>[Signature]</i>	6-13-24 10:45
<i>[Signature]</i>	6-13-24 15:40	<i>[Signature]</i>	6-13-24 18:00
<i>[Signature]</i>		<i>[Signature]</i>	6/14/24 7:45



## Envirotech Analytical Laboratory

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

## 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:	06/20/24 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 the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Sampled times not documented on COC by client.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
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 filtration 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? No
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.

Date



envirotech Inc.

Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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 regarding 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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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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## Sample Summary

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: 06/19/24 10:27
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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.





## Sample 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:**  
6/19/2024 10:27:19AM

## CS-1 (2.5')

## E406132-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	120	100	5	06/14/24	06/17/24	



Sample 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: 6/19/2024 10:27:19AM
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CS-2 (2.5')  
E406132-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	1010	20.0	1	06/14/24	06/17/24	



## Sample 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:**  
6/19/2024 10:27:19AM

## CS-3 (2.5')

## E406132-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2424099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	98.5 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2424102
Chloride	3980	40.0	2	06/14/24	06/17/24	



Sample 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: 6/19/2024 10:27:19AM
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CS-4 (2.5')  
E406132-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	4150	40.0	2	06/14/24	06/17/24	



Sample 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: 6/19/2024 10:27:19AM
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CS-5 (2.5')  
E406132-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	ND	200	10	06/14/24	06/17/24	



Sample 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: 6/19/2024 10:27:19AM
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CS-6 (2.5')  
E406132-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	96.4 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	804	20.0	1	06/14/24	06/17/24	





Sample 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: 6/19/2024 10:27:19AM
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CS-7 (4.5')  
E406132-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	761	200	10	06/14/24	06/17/24	



Sample 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: 6/19/2024 10:27:19AM
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CS-8 (4.5')  
E406132-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	ND	200	10	06/14/24	06/17/24	



Sample 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: 6/19/2024 10:27:19AM
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SW-1 (2.5')  
E406132-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	96.6 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	5430	100	5	06/14/24	06/17/24	



Sample Data

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

SW-2 (2.5')  
E406132-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	23.2	20.0	1	06/14/24	06/17/24	



Sample Data

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

SW-3 (2.5')  
E406132-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	25.8	20.0	1	06/14/24	06/17/24	



Sample Data

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

SW-4 (2.5')  
E406132-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	98.3 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	3330	40.0	2	06/14/24	06/17/24	





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

SW-5 (2.5')  
E406132-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	1660	20.0	1	06/14/24	06/18/24	



Sample 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: 6/19/2024 10:27:19AM
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SW-6 (2.5')  
E406132-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	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	92.1 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	106 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	660	100	5	06/14/24	06/18/24	



Sample 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: 6/19/2024 10:27:19AM
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SW-7 (2.5')  
E406132-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	94.7 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	753	100	5	06/14/24	06/18/24	



## Sample 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:**  
6/19/2024 10:27:19AM

## SW-8 (2.5')

## E406132-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	700	200	10	06/14/24	06/18/24	



Sample 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: 6/19/2024 10:27:19AM
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SW-9 (2.5')  
E406132-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	2760	40.0	2	06/14/24	06/18/24	



Sample Data

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

SW-10 (4.5')  
E406132-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	31.7	20.0	1	06/14/24	06/18/24	





Sample 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: 6/19/2024 10:27:19AM
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SW-11 (4.5')  
E406132-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	95.7 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	106 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	22.7	20.0	1	06/14/24	06/18/24	



Sample Data

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

SW-12 (4.5')  
E406132-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2424099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/24	06/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		06/14/24	06/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/14/24	06/17/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2424102	
Chloride	24.8	20.0	1	06/14/24	06/18/24	



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	6/19/2024 10:27:19AM

Volatile Organics by EPA 8021B

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
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Blank (2424099-BLK1) Prepared: 06/14/24 Analyzed: 06/15/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

LCS (2424099-BS1) Prepared: 06/14/24 Analyzed: 06/15/24

Benzene	4.86	0.0250	5.00		97.2	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.3	70-130			
Toluene	4.79	0.0250	5.00		95.7	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			

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	
p,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

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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2424099-BLK1) Prepared: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2424105-BLK1) Prepared: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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: 06/14/24 Analyzed: 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			



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

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2424102-BLK1)					Prepared: 06/14/24 Analyzed: 06/17/24				
Chloride	ND	20.0							
LCS (2424102-BS1)					Prepared: 06/14/24 Analyzed: 06/17/24				
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2424102-MS1)					Source: E406132-02		Prepared: 06/14/24 Analyzed: 06/17/24		
Chloride	1610	20.0	250	1010	241	80-120			M4
Matrix Spike Dup (2424102-MSD1)					Source: E406132-02		Prepared: 06/14/24 Analyzed: 06/17/24		
Chloride	1490	20.0	250	1010	191	80-120	8.03	20	M4

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.



Work Order No: E406132  
Job# 01058-0007

Page 1 of 2

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

Project Name:		RDX 17-5		Turn Around		ANALYSIS REQUEST														Preservative Codes									
Project Number:		2297		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																None: NO      DI Water: H <sub>2</sub> O									
Project Location		Eddy County, New Mexico		Due Date:																Cool: Cool      MeOH: Me									
Sampler's Name:		MM																		HCL: HC      HNO <sub>3</sub> : HN									
PO #:		21308298																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																H <sub>3</sub> PO <sub>4</sub> : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																		NaHSO <sub>4</sub> : NABIS							
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:																		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>							
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		4°C																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date				Soil		Water		Grab/Comp		# of Cont																Sample Comments	
CS-1 (2.5')		6/12/2024				X				C		1																1	
CS-2 (2.5')		6/12/2024				X				C		1																2	
CS-3 (2.5')		6/12/2024				X				C		1																3	
CS-4 (2.5')		6/12/2024				X				C		1																4	
CS-5 (2.5')		6/12/2024				X				C		1																5	
CS-6 (2.5')		6/12/2024				X				C		1																6	
CS-7 (4.5')		6/12/2024				X				C		1																7	
CS-8 (4.5')		6/12/2024				X				C		1																8	
SW-1 (2.5')		6/12/2024				X				C		1																9	
SW-2 (2.5')		6/12/2024				X				C		1																10	

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Gonner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Michelle Gonzales</i>	6-13-24 1425	<i>Michelle Gonzales</i>	6-13-24 1425
<i>A.M.</i>	6-13-24 1540	<i>A.M.</i>	6-13-24 1540
	6-13-24 2400	<i>Rosa Lundy</i>	6-14-24 7:50



## Chain of Custody

Work Order No: E406132  
Job# 01058-0007

Page 2 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-1992	Email:	jim.raley@devon.com

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

Project Name:	RDX 17-5		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	2297		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush														None: NO DI Water: H <sub>2</sub> O				
Project Location	Eddy County, New Mexico		Due Date:														Cool: Cool MeOH: Me				
Sampler's Name:	MM																HCL: HC HNO <sub>3</sub> : HN				
PO #:	21308298																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na				
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:														Zn Acetate+NaOH: Zn			
Total Containers:					Corrected Temperature:														NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date		Soil	Water	Grab/Comp	# of Cont													Sample Comments		
SW-3 (2.5')	6/12/2024		X		C	1	x	x	x											Lab# 11	
SW-4 (2.5')	6/12/2024		X		C	1	x	x	x											12	
SW-5 (2.5')	6/12/2024		X		C	1	x	x	x											13	
SW-6 (2.5')	6/12/2024		X		C	1	x	x	x											14	
SW-7 (2.5')	6/12/2024		X		C	1	x	x	x											15	
SW-8 (2.5')	6/12/2024		X		C	1	x	x	x											16	
SW-9 (2.5')	6/12/2024		X		C	1	x	x	x											17	
SW-10 (4.5')	6/12/2024		X		C	1	x	x	x											18	
SW-11 (4.5')	6/12/2024		X		C	1	x	x	x											19	
SW-12 (4.5')	6/12/2024		X		C	1	x	x	x											20	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Michelle Gonzales</i>	6-13-24 1425	<i>Michelle Gonzales</i>	6-13-24 1425
<i>J.M.</i>	6-13-24 1540	<i>J.M.</i>	6-13-24 1800
	6-13-24 2400	<i>Rena Lanning</i>	6/14/24 7:45

## Envirotech Analytical Laboratory

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

## 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:	E406132
Phone:	(432) 813-6823	Date Logged In:	06/14/24 08:04	Logged In By:	Raina Schwanz
Email:	mcarmona@carmonaresources.com	Due Date:	06/20/24 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 the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Sample times are not documented on COC by client

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
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 filtration 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? No
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.

Date



envirotech Inc.

Report to:

Mike Carmona



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.  
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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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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**Michelle Gonzales**  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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Sample Summary

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	06/27/24 16:00

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



Sample 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: 6/27/2024 4:00:34PM
---	--	----------------------------------

Onsurez Pit  
E406233-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2426035	
Benzene	ND	0.0250	1	06/26/24	06/27/24	
Ethylbenzene	ND	0.0250	1	06/26/24	06/27/24	
Toluene	ND	0.0250	1	06/26/24	06/27/24	
o-Xylene	ND	0.0250	1	06/26/24	06/27/24	
p,m-Xylene	ND	0.0500	1	06/26/24	06/27/24	
Total Xylenes	ND	0.0250	1	06/26/24	06/27/24	
Surrogate: 4-Bromochlorobenzene-PID	92.1 %	70-130		06/26/24	06/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2426035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/24	06/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.0 %	70-130		06/26/24	06/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2426032	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/24	06/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/24	06/27/24	
Surrogate: n-Nonane	103 %	50-200		06/26/24	06/27/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2426031	
Chloride	94.3	20.0	1	06/26/24	06/26/24	



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	6/27/2024 4:00:34PM

Volatile Organics by EPA 8021B

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
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Blank (2426035-BLK1) Prepared: 06/26/24 Analyzed: 06/26/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID 7.27 8.00 90.9 70-130

LCS (2426035-BS1) Prepared: 06/26/24 Analyzed: 06/26/24

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.1	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.89	0.0250	5.00		97.8	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.8	0.0250	15.0		99.0	70-130			

Surrogate: 4-Bromochlorobenzene-PID 7.25 8.00 90.6 70-130

Matrix Spike (2426035-MS1) Source: E406231-05 Prepared: 06/26/24 Analyzed: 06/26/24

Benzene	10.1	0.0500	10.0	ND	101	54-133			
Ethylbenzene	9.74	0.0500	10.0	ND	97.4	61-133			
Toluene	9.95	0.0500	10.0	ND	99.5	61-130			
o-Xylene	9.69	0.0500	10.0	ND	96.9	63-131			
p,m-Xylene	19.7	0.100	20.0	ND	98.7	63-131			
Total Xylenes	29.4	0.0500	30.0	ND	98.1	63-131			

Surrogate: 4-Bromochlorobenzene-PID 14.7 16.0 92.2 70-130

Matrix Spike Dup (2426035-MSD1) Source: E406231-05 Prepared: 06/26/24 Analyzed: 06/26/24

Benzene	10.1	0.0500	10.0	ND	101	54-133	0.390	20	
Ethylbenzene	9.69	0.0500	10.0	ND	96.9	61-133	0.509	20	
Toluene	9.90	0.0500	10.0	ND	99.0	61-130	0.568	20	
o-Xylene	9.66	0.0500	10.0	ND	96.6	63-131	0.253	20	
p,m-Xylene	19.6	0.100	20.0	ND	98.1	63-131	0.628	20	
Total Xylenes	29.3	0.0500	30.0	ND	97.6	63-131	0.504	20	

Surrogate: 4-Bromochlorobenzene-PID 14.8 16.0 92.6 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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2426035-BLK1) Prepared: 06/26/24 Analyzed: 06/26/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

LCS (2426035-BS2) Prepared: 06/26/24 Analyzed: 06/26/24

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

Matrix Spike (2426035-MS2) Source: E406231-05 Prepared: 06/26/24 Analyzed: 06/26/24

Gasoline Range Organics (C6-C10)	98.6	40.0	100	ND	98.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	15.5		16.0		96.7	70-130			

Matrix Spike Dup (2426035-MSD2) Source: E406231-05 Prepared: 06/26/24 Analyzed: 06/26/24

Gasoline Range Organics (C6-C10)	95.4	40.0	100	ND	95.4	70-130	3.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	15.5		16.0		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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2426032-BLK1) Prepared: 06/26/24 Analyzed: 06/26/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.3		50.0		107	50-200			

LCS (2426032-BS1) Prepared: 06/26/24 Analyzed: 06/26/24

Diesel Range Organics (C10-C28)	325	25.0	250		130	38-132			
Surrogate: n-Nonane	54.1		50.0		108	50-200			

Matrix Spike (2426032-MS1) Source: E406241-02 Prepared: 06/26/24 Analyzed: 06/26/24

Diesel Range Organics (C10-C28)	324	25.0	250	ND	129	38-132			
Surrogate: n-Nonane	53.2		50.0		106	50-200			

Matrix Spike Dup (2426032-MSD1) Source: E406241-02 Prepared: 06/26/24 Analyzed: 06/26/24

Diesel Range Organics (C10-C28)	325	25.0	250	ND	130	38-132	0.381	20	
Surrogate: n-Nonane	53.9		50.0		108	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	6/27/2024 4:00:34PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2426031-BLK1)					Prepared: 06/26/24 Analyzed: 06/26/24				
Chloride	ND	20.0							
LCS (2426031-BS1)					Prepared: 06/26/24 Analyzed: 06/26/24				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2426031-MS1)					Source: E406241-01		Prepared: 06/26/24 Analyzed: 06/26/24		
Chloride	324	100	250	ND	130	80-120			M6
Matrix Spike Dup (2426031-MSD1)					Source: E406241-01		Prepared: 06/26/24 Analyzed: 06/26/24		
Chloride	320	100	250	ND	128	80-120	1.10	20	M6

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.

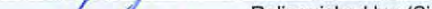

Note (1): Methods marked with \*\* are non-accredited methods.

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



Page 1 of 1

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/25/24 1040 6/25/24 1530 6-25-24 2315		6/25/24 1040 6-25-24 1700

## Envirotech Analytical Laboratory

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

## 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 06:00	Work Order ID:	E406233
Phone:	(432) 813-6823	Date Logged In:	06/25/24 16:31	Logged In By:	Raina Schwanz
Email:	mcarmona@carmonaresources.com	Due Date:	07/02/24 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 the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not on COC by client.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
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 filtration 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? No
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.

Date



envirotech Inc.

## APPENDIX F

CARMONA RESOURCES



## Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

7/2/2024  
Page 1 of 3



## Soil Map—Eddy Area, New Mexico

## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## 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%

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

---

## 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



S

SW

W

NW

N

180

210

240

270

300

330

0

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

**Curtis and Curtis Seed**  
SOW GENEROUSLY

**BLM 2**  
**Lot #: 3289**  
2.73

Item	% Pure Mix	Origin	Purity	Germ	Dormant	Total Germ:	Test Date
Plains Bristlegrass, Variety Not Stated	39.45%	Okiahoma	68.84%	21.00%	72.00%	93.00%	2/2024
Sand Dropseed, Variety Not Stated	19.72%	Texas	81.59%	93.00%	0.00%	93.00%	1/2024
Sand Lovegrass, Bend	18.52%	Texas	99.96%	90.00%	9.00%	99.00%	11/2023
BLM #2 Seed Mix	0.00%		77.69%	51.19%	42.92%	94.11%	6/2024
Seed Total	77.69%						
Inert Matter:	22.15%						
Weed Seed:	0.10%						
Other Crop:	0.06%						

Noxious Weed: None

Texas Permit: 2772

1/4 Ac Broadcasted

curtisseed.com

4500 North Prince, Clovis, NM 88101

(575) 762-4759

28 Jun 2024, 06:59:58



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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 362057

QUESTIONS

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

<b>Prerequisites</b>	
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

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	RDX 17 #005
Date Release Discovered	03/03/2024
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
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

<b>Nature and Volume of Release</b>	
<i>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.</i>	
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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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.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmn.com Date: 07/09/2024
--	--

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QUESTIONS, Page 3  
  
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**

<b>Site Characterization</b>	
<i>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.</i>	
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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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

<b>Remediation Plan</b>	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl 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
<i>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>	
On what estimated date will the remediation commence	06/06/2024
On what date will (or did) the 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 surface area (in square feet) that will be reclaimed	350
What is the estimated volume (in cubic yards) that will be reclaimed	180
What is the estimated surface area (in square feet) that will be remediated	1570
What is the estimated volume (in cubic yards) that will be remediated	180
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

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****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 <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> 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
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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@dvni.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.

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QUESTIONS, Page 5

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****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
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
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 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@dmn.com Date: 07/09/2024



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
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**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**

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Action 362057

QUESTIONS (continued)

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	Action Number:  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: 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)

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